



MISSOURI
SOUTHERN
STATE UNIVERSITY®

UNDERGRADUATE **CATALOG**

2023 - 2024

General Information

From the President

Thank you for taking the time to learn about the great opportunities we provide to our students at Missouri Southern.

The university's mission is to "educate and graduate knowledgeable, responsible, successful global citizens." Providing an affordable and high-quality education is a responsibility we take very seriously, and our faculty and staff work daily to create the very best university experience possible for our student body.

As a student at Missouri Southern you will find yourself surrounded by talented and energetic professors who are committed to the idea that we have an amazing opportunity - and responsibility - to support our students and provide the very best learning environment possible. Our outstanding academic programs are designed to prepare you to compete in a global society and to prepare you to meet the challenges of a changing world.

In addition to outstanding academic programs, we provide numerous student support services to assist you on your higher education journey. This includes financial aid assistance, advising, counseling, career services, and residence life. They have a true commitment to your success, and you should always feel free to contact them should you have any questions.

The campus is home to dozens of student groups and organizations that sponsor a wide variety of activities throughout the year. The student body is represented by a very active Student Senate, which participates in a variety of campus affairs. Students wishing to live on campus will find an active residential life community, including convenient dining facilities and recreational activities. The Beimdiek Recreation Center is available to all students and is one of the most attractive and well-equipped recreation facilities in the area. We also have thriving athletic programs, and you can enjoy the fun and excitement of cheering the Lions on to victory in a number of sports.

Since 1990, Missouri Southern has emphasized an international approach to undergraduate education. With an emphasis on understanding and appreciating other cultures, international issues, and global perspectives, we want to broaden our students' cultural horizons while fostering a rich sense of diversity on campus and in the surrounding community. As a student, you will have many opportunities for international studies abroad - providing opportunities to gain new perspectives, grow confidence and gain a deeper understanding of other cultures. These are experiences that can benefit you in both your professional and personal life.

At this university, we promote values such as service, integrity, respect, transparency, and community. Each of these values ties directly into the goal of preparing our students for academic, personal and career success. Higher education can provide a truly transformative experience, and we hope you will join the Lion community as you begin this journey.

If you have questions, please call the Admissions Office at 417-625-9378 or 866-818-6778.

Lions together,

Dean Van Galen, Ph.D.
President

To the Student

Dear Student,

If you're entering the university for the first time or even coming back after several years' absence, you'll need information in this catalog. It's not the most exciting bedtime reading, but it does pack a lot of information about our academic programs into your university experience.

This catalog and our helpful staff can answer your questions, but here are answers to questions students frequently ask:

1. Can I get financial help with university costs?

Yes, a full range of financial aid programs are available to qualified students. Becca Diskin, Director of Student Financial Aid and her staff can provide you with information and applications in Hearnese Hall, 417-625-9325, finaid@mssu.edu. (Financial Aid)

2. I haven't decided on a major yet. What do I do?

Southern has trained academic advisors to help you discover what your best interests and attributes might be. Visit with an Academic Success Coach in the Student Success Center, Hearnese Hall room 308, 417-625-3550. Information for career and salary for all credentials offered by Missouri public institutions of higher education can be found here [Bureau of Labor Statistics](#)

3. I'm concerned about the transition from high school to college. Is there someone to help?

Yes, the Student Success Center has trained staff to help students transition from high school to college. Visit Hearnese Hall room 308 to see an Academic Success Coach or a Mental Health Counselor, 417-625-3550. The Student Success Center staff can help you with a variety of services including academic advisement, career advisement, disability services, tutoring, mental health counseling, orientation, and more.

4. Do you have an Honors Program?

Southern has an excellent and challenging Honors Program, which includes opportunities for international travel. Talk to Michael Howarth, Director of Honors Program, Spiva Library 120, 417-625-3005, howarth-m@mssu.edu. (Honors Programs)

5. What activities and organizations are available?

A host of special events, student activities and departmental organizations are available throughout the year. Drop by the Student Activities Office, Billingsly Student Center, 210. [Student Activities](#). See also individual departments.)

Additional information is available at the Southern website:

www.mssu.edu

Our Mission



MISSOURI SOUTHERN STATE UNIVERSITY®

VISION

Missouri Southern State University will be a leader in offering relevant undergraduate and graduate programs that fulfill the educational needs of each student.

To attain our vision, we will:

Be the University of Choice for Students, Faculty and Staff

Create Transformative Experiences through Innovative Programs

Promote our Culture of Excellence

Engage in High-quality Scholarly Activities

Grow and Thrive

MISSION

Missouri Southern State University will educate and graduate knowledgeable, responsible, successful global citizens.



VALUES

We believe in:

Service

Integrity

Respect

Transparency

Global Perspectives

Community

Responsibility and Accountability

Diversity and Inclusion

Broad-based Learning

GOAL #1: ATTAINMENT

Strategically grow enrollment and increase student attainment through graduation

GOAL #2: AFFORDABILITY

Provide infrastructure, services and programs to meet workforce demand in a high-quality and affordable manner

GOAL #3: QUALITY

Continue to develop multiple pathways for student attainment of valuable and relevant credentials

GOAL #4: RESEARCH & INNOVATION

Strengthen research and engage in high-quality scholarly activities

GOAL #5: INVESTMENT, ADVOCACY & PARTNERSHIPS

Increase the university's regional, national and global impact by partnering with and serving as a resource for industry and communities

International Education

The State of Missouri has designated Missouri Southern State University, through special legislation, as "a statewide institution of international or global education." The university is charged with developing "such academic support programs and public service activities it deems necessary and appropriate to establish international or global education as a distinctive theme of its mission."

This "international mission," as it is commonly known, enables students to participate in a breadth of international experiences that will prepare them to succeed in an ever-changing global economy.

MSSU provides a variety of short-term and semester-long study abroad programs, including an international student teaching experience for teacher education majors. In order to make its study abroad programs more accessible and affordable, MSSU awards qualifying students \$1,000 grants for faculty-led short-term trips and \$1,250 grants for students spending an entire semester or year abroad.

Each fall, MSSU selects a particular country or region of the world to become the focus of intensive study. The "themed semesters" bring the world to the university and the community, and allow every student to have a global experience without leaving the campus. Lectures, concerts, plays, films, readings, art exhibits, and other cultural activities from the featured country permeate the fall semester and result in the students becoming true global citizens.

Taking Spanish classes at MSSU or other languages at exchange universities throughout the world provide students the opportunity to increase their cultural competency and become more marketable in a competitive workplace. Becoming proficient in Spanish or perhaps another language will open many doors for MSSU graduates and expand their worldview.

Majors in International & Political Affairs and International Business and certificates in Global Citizenship and Teaching English as a Foreign Language provide a substantial foundation for professional careers in diplomacy, law, education, international business and commerce, journalism, the military, research, public health, human service organizations, and much more. Opportunities in most of these professions are available in both the public and private sectors in the United States and abroad. The majors are also a good foundation for graduate study in such diverse areas as international law, business, history, political science, and anthropology, as well as international relations, intercultural communication, peace studies, and other interdisciplinary programs.

The International English Program (IEP) provides English as a Second Language (ESL) instruction to international and resident students whose first language is not English. This supports MSSU's mission of a strong commitment to international education by enabling more international students to attend the university. In turn, these students bring different perspectives and values to their American peers, and lifelong friendships often develop.

Student's Guide to the Baccalaureate Degree

Non Scholae Sed Vitae Discimus "Education not for a living, but for life."

We, the faculty at Missouri Southern, believe that you achieve a complete education through an interrelated program of study which includes the General Education/Core 42 curriculum and your major, as well as the extra-curricular opportunities that complete the total collegiate experience. We realize that over a lifetime many of you will change occupations and careers several times. While specialized knowledge in your field is essential, we believe that certain lifelong thinking and learning skills and a common body of knowledge are critical for an understanding of yourself and your larger community and for career advancement in the 21st-century marketplace. Specifically, we are committed to assist you as an undergraduate to:

- Acquire knowledge, both in breadth and depth, through exposure to a wide variety of disciplines and through majoring in your chosen field.
- Communicate with precision and style and to think clearly and critically.
- Achieve competence in quantitative skills.
- Know the methods of inquiry and thought necessary for understanding nature, society and self.
- Sharpen your awareness and appreciation of cultures around the world with their differing values, traditions and institutions.
- Develop lasting intellectual and cultural interests.
- Recognize and appreciate the importance of creativity and imagination in the human experience.
- Achieve greater social maturity and tolerance for human diversity through the experience of working closely with a wide variety of fellow students and faculty members.
- Recognize and examine the formation of personal ethical values in a diverse society.

General Education/Core 42 Curriculum

The General Education/Core 42 curriculum at Missouri Southern is a carefully designed series of courses that all students earning a bachelor's degree must complete. It is our effort to furnish you a

liberal education. But why? What about the General Education is so important that it constitutes nearly half of the credit hours necessary for your degree?

One way to answer that question is to reflect on another: What does it mean to be well-educated? While the question has generated much debate and there is no simple answer, most agree that a well-educated person possesses certain fundamental intellectual skills, a broad knowledge of the world and a deep knowledge of a particular subject. While pursuit of a major field of study furnishes knowledge in depth, it is the General Education/Core 42 curriculum that seeks to equip you with the intellectual skills and the breadth of knowledge that characterize well-educated and socially responsible individuals.

Goals of the General Education/Core 42 Curriculum

In compliance with the Missouri Department of Higher Education and Workforce Development (MDHEWD) and statewide policy, Missouri Southern State University provides a block of general education/Core 42 courses that meet the state-level curricular goals. There are four basic competencies (Communicating, Higher-Order Thinking, Managing Information, and Valuing) as well as five knowledge areas (Social and Behavioral Sciences, Communications (oral and written), Humanities and Fine Arts, Mathematics, and Life and Physical Sciences).

Basic Competencies

Communicating: Communicating is the development of students' ability to communicate effectively through oral, written, and digital channels using the English language, quantitative, and other symbolic systems. Students should be able to write and speak with thoughtfulness, clarity, coherence, and persuasiveness; read and listen critically; and select channels appropriate to the audience and message. Written communication is the development and expression of ideas in writing. Written communication involves learning to work

in many genres and styles. It can involve working with many different writing technologies, and mixing texts, data, and images. Written communication abilities develop through iterative experiences across the curriculum. Oral communication is a prepared, purposeful presentation designed to increase knowledge, to foster understanding, or to promote change in the listeners' attitudes, values, beliefs, or behaviors. Oral communication takes many forms.

Higher-Order Thinking: Higher Order Thinking is the development of students' ability to distinguish among opinions, facts, and inferences; to identify underlying or implicit assumptions; to make informed judgments; to solve problems by applying evaluative standards; and demonstrate the ability to reflect upon and refine those problem-solving skills. This involves creative thinking, critical thinking, and quantitative literacy. Creative thinking is both the capacity to combine or synthesize existing ideas, images, or expertise in original ways and the experience of thinking, reacting, and working in an imaginative way characterized by a high degree of innovation, divergent thinking, and risk taking. Creative thinking, as it is fostered within higher education, must be distinguished from less focused types of creativity such as, for example, the creativity exhibited by a small child's drawing, which stems not from an understanding of connections, but from an ignorance of boundaries. While demonstrating solid knowledge of the domain's parameters, the creative thinker, at the highest levels of performance, pushes beyond those boundaries in new, unique, or atypical re-combinations, uncovering or critically perceiving new syntheses and using or recognizing creative risk-taking to achieve a solution. Critical thinking is a habit of mind characterized by the comprehensive exploration of issues, ideas, artifacts, and events before accepting or formulating an opinion or conclusion. Critical thinking is transdisciplinary, and success in all disciplines requires habits of inquiry and analysis that share common attributes. Successful critical thinkers from all disciplines increasingly need to be able to apply those habits in various and changing situations encountered in all walks of life. Quantitative Literacy (QL) is a "habit of mind," competency, and comfort in working with numerical data. Individuals with strong QL skills possess the ability to reason and solve quantitative problems from a wide array of authentic contexts

and everyday life situations. They understand and can create sophisticated arguments supported by quantitative evidence and they can clearly communicate those arguments in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate).

Managing Information: Managing Information is ability to locate, organize, store, retrieve, evaluate, synthesize, and annotate information from print, electronic, and other sources in preparation for solving problems and making informed decisions. Through the effective management of information, students should be able to design, evaluate, and implement a strategy to answer an open-ended question or achieve a desired goal.

Valuing: Valuing is the ability to understand the moral and ethical values of a diverse society, and to understand that many courses of action are guided by value judgments about the way things ought to be. Students should recognize how values develop, how value judgments influence actions, and how informed decision-making can be improved through the consideration of personal values as well as the values of others. They should be able to make informed decisions through the identification of personal values and the values of others and through an understanding how such values develop. They should be able to analyze the ethical implications of choices made on the basis of these values.

Knowledge Areas

Social and Behavioral Sciences State-Level Goal:

To develop students' understanding of themselves and the world around them through study of content and the processes used by historians and social and behavioral scientists to discover, describe, explain, and predict human behavior and social systems. Students acquire an understanding of the diversities and complexities of the cultural and social world, past and present, and come to an informed sense of self and others. As a part of this goal, institutions of higher education include a course of instruction in the Constitution of the United States and of the state of Missouri and in American history and institutions (Missouri Revised Statute 170.011.1).

Oral Communications State-Level Goal: To prepare students to communicate effectively with

oral presentations that demonstrate appropriate planning and expressive skills. Students will understand the role of public speaking for success in the classroom and society.

Written Communications State-Level Goal: To prepare students to communicate effectively with writing that exhibits solid construction resulting from satisfactory planning, discourse, and review. Students will understand the importance of proficient writing for success in the classroom and the workforce.

Humanities and Fine Arts: Well-educated people develop an understanding of the ways in which humans have addressed their condition through imaginative work in the humanities and fine arts. They deepen their understanding of how that imaginative process is informed and limited by social, cultural, linguistic and historical circumstances and by learning to appreciate the world of the creative imagination as a form of knowledge.

Mathematics State-Level Goal: To develop students' understanding of fundamental mathematical concepts and their applications. Students should develop a level of quantitative literacy that would enable them to make decisions and solve problems and which could serve as a basis for continued learning.

Natural Sciences State-Level Goal: To develop students' understanding of the principles and laboratory procedures of the natural sciences (Life and Physical) and to cultivate their abilities to apply the empirical methods of scientific inquiry. Students should understand how scientific discovery changes theoretical views of the world, informs our imaginations, and shapes human history. Students should also understand that science is shaped by historical and social contexts.

In addition to the statewide general education/Core 42 goals, Missouri Southern has two Institutional Goals (International Cultural Studies and Health and Wellness.)

International Cultural Studies: Well-educated people develop an understanding of how cultures and societies around the world are formed, sustained and evolve. Students should understand

world affairs, international issues and cultures other than their own as seen through the history, geography, language, literature, philosophy, economics or politics of the cultures. Students will acquire empathy for the values and perspectives of cultures other than their own and an awareness of the international and multicultural influences in their own lives.

Health and Wellness: Well-educated people develop the knowledge and self-management skills that will assist them in adopting healthy lifestyles. This encompasses all areas of wellness: physical, emotional, spiritual, social, intellectual and financial. Students will understand the relationship between lifestyle management, quality of life and societal health and productivity.

Thanks to technological resources and the commitment of our faculty, students have the opportunity to complete many of the General Education courses in modes that suit their individual schedules and needs. While Missouri Southern offers all of the General Education courses in traditional classroom settings, students who possess the skills and responsibility required for success in General Education courses offered in non-traditional modes, such as on-line and hybrid courses, will be able to do so.

Your Major

The University offers more than 100 majors in a wide variety of fields. Pursuing your major will furnish you with the in-depth knowledge that is also characteristic of a well-educated person. Some students come to Southern with a clearly defined idea of their major; others come uncertain, relying on their exposure to the General Education curriculum and on experimenting with a few elective courses to help them choose.

In either case, when you emerge with your baccalaureate degree, you will have mastered a body of knowledge that sets you apart from well-educated people in other fields. Often it is your mastery of a particular discipline that makes you of great value in the workplace. Not only do you emerge knowing a great deal, but you also emerge armed with the power to learn more, to extend your knowledge.

Special Features of Missouri Southern

A comprehensive education fostering life-long learning is the aim of our liberal arts curriculum. Southern strives to present the best in higher learning. The following features distinguish our university.

Emphasis on Teaching: The heart of Missouri Southern is that of an undergraduate university where the interaction between teacher and student is of primary importance in the learning experience. Here you will be taught by professors with degrees from the most prestigious universities across the nation.

Emphasis on International: The world is changing rapidly and dramatically. The future will belong to those who have an understanding and appreciation for the world beyond the boundaries of their country. That is why Missouri Southern has chosen to emphasize a global perspective throughout our entire curriculum and wherever possible to add an international dimension to our courses.

Enrichment Programs: Your comprehensive education is enriched through a variety of special programs including the Honors Program, internships and independent study opportunities, involvement with the student media and "themed" semesters that focus on a country, continent or section of the world. Study abroad opportunities include the Summer in Sweden art program and semester-long exchange programs throughout the world. Short-term study abroad experiences, including comparative trips and on-site classes, introduce students to aspects of another country's culture in order to expand their views beyond their global perspective.

Total Collegiate Experience: A great deal of college education happens outside the classroom. An array of extracurricular activities is offered to meet almost every academic and social interest. In addition, numerous services are available for the student to meet educational and personal needs.

Assessment of Outcomes: Missouri Southern continually assesses the effectiveness of its programs, including the General Education/Core 42 curriculum and all majors. The assessment

information is used to revise and to improve our programs, as well as keep the curriculum dynamic and relevant.

Diverse Student Body: Students at Southern represent a wide variety of ages and places of origin. The sizable enrollment of nontraditional students (those over 25) and international students is a great advantage. On our campus, students come to see each other as friends and allies and learn to develop healthy and supportive relationships with a variety of people.

Flexible Class Scheduling: Day and evening classes, hybrid classes and delayed start classes are available to provide flexible scheduling. Distance Learning provides a variety of forms of access to education to meet the needs of today's students. Missouri Southern also offers a broad selection of online programs and courses, providing diverse access to education to meet the needs of today's students.

Our faculty and staff are always willing to help you to make the most of your college experience. Don't hesitate to ask. We're here for you!

Assessment of Outcomes

Goals of Assessment of Outcomes

Assessment is an ongoing, cyclical effort of identifying goals, developing programs to achieve those goals, evaluating the effectiveness of the programs, analyzing results, redefining goals and improving programs. That cycle is a basic responsibility of all faculty and administrators. Stated goals of outcomes assessment at Missouri Southern are:

1. Evaluation of institutional effectiveness by research and assessment of:
 - a. General Education/Core 42 programs and school departments
 - b. Academic and developmental student outcomes
2. Improvement of both academic and student affairs programs:

- a. To increase student academic and developmental outcomes
- b. To increase student retention and degree completion
3. Provision of data needed for assessment, program review and strategic planning to fulfill the university mission
4. Fulfillment of governmental mandates

In its mission, Missouri Southern is committed to developing effective programs to fulfill the needs of the students while developing knowledge, skills and positive attitudes so they can be successful and responsible citizens of a diverse world. In order to accomplish that goal, ongoing assessment is conducted not only by professors in classes offered each semester, but also by faculty and administration in program evaluation processes.

The Program Assessment and Review Committee (PARC), which is composed of faculty representatives from each College, the Director of Institutional Effectiveness (IE), and the Associate Vice President for Academic Affairs/Vice Provost, manages the review of program assessment for all academic units. PARC assists academic units in creating and implementing assessment plans, reviewing assessment data, and implementing action plans for continuous program improvement.

The Program Assessment and Review Committee collaborates with the Co-Curricular Assessment Committee to ensure that student learning and operational effectiveness are continually measured and evaluated in a manner that promotes use of data for continuous quality improvement. Program Assessment and Review reports are housed in Nuventive, the university's software that serves both as a repository and reporting tool. Dissemination of assessment findings is managed through the Office of Institutional Effectiveness.

Program for Assessment of Outcomes

Importance of assessment for college accountability is underscored by a Board of Governors policy requiring that students participate in assessment activities when requested. Information obtained from standardized tests, faculty developed tests, surveys, student research, portfolio reviews, student interviews and performances is used to develop

both quantitative and qualitative data needed for the analysis phase of our assessment plan. General education, academic program, and co-curricular outcomes are assessed on a regular basis by respective units in academic and student affairs.

For additional information on assessment of outcomes visit the Institutional Effectiveness website at: mssu.edu/academics/institutional-effectiveness/.

Tuition and Incidental Charges Policies

*Please visit our homepage at www.mssu.edu for our online Schedule of Classes that contains the most up-to-date listing of tuition and incidental costs. **The University reserves the right to change tuition and incidental costs without notice.***

1. Undergraduate Tuition and Incidental Costs

For all students who have registered for fall, spring or summer semesters, 100% of the semester charges must be paid by the published due date for each respective semester. Due dates can be found on the Bursar's Office [website](#) and in the Schedule of Classes for the respective semester. Failure to remit the balance due may result in holds placed on the student's class schedule.

Paper bills are mailed to students. However, for your up-to-date account balance, please view your account in LioNet. Students are responsible for any outstanding balance and are required to remit payment by the published due date.

It is extremely important to realize that a financial obligation is incurred at the time of enrollment. Services are rendered as of the first day of class so unless a student officially withdraws prior to that day, charges will be assessed in full. No reduction in charges according to the University refund policy will be credited to the students account until an official withdrawal is completed. An official withdrawal is required.

The University has payment plans available as soon as enrollment begins each semester. For more information regarding payment plans, and what payment plan options are available, visit the Bursar's Office [website](#) or contact the Bursar's Office.

Students expecting their student account balance to be paid through financial aid sources must have all necessary documentation filed with the Financial Aid Office by April 1st for the Fall term and by November 1st for the Spring term in order to receive consideration for payment deferment.

Students enrolled in evening and Internet classes for regular college credit courses, applicable toward an associate or baccalaureate degree, are subject to the same charges, rules, and regulations as set forth for students attending day classes.

Appeals concerning special problems pertaining to charges should be directed in writing to the Bursar in Hearn Hall.

2. **Residence Hall**

As stated in the contract agreement, students will be responsible for the full semester bill at the time that all other student account charges are due. The security deposit will be refunded only if the terms of the contract have been fulfilled.

Explanation of Charges

Admission Application - a non-refundable administrative charge required upon submission of an application for admission.

Graduation Application - billed upon receipt of graduation application, non-refundable.

Late Registration - an administrative charge assessed to students who enroll for classes after the first full week of the semester.

Special Course Charges - charges for additional course materials and/or services for specific courses. Courses include, but are not limited to: art, music, education, dental hygiene, nursing, radiology and photography.

Inclusive Access - a charge for required digital course materials used for various classes. The charge will appear on student accounts one week prior to the start of classes. The content will become available on the first day of class through Blackboard. Inclusive Access pricing can be viewed at [mssubookstore.com](#). An informational email will be sent to student email accounts prior to the start of class.

Textbook Rental - a per credit hour charge assessed for the use of rental textbooks for some classes. The University operates a rental system through the University Bookstore which allows the use of the required textbook by the student for one semester. It should be noted that some classes may require the purchase of supplemental books and materials not available through the rental system. Textbooks must be returned no later than 4 P.M., Monday following the week of finals. A book drop is located in the wall behind Billingsly Student Center for after-hours and weekend drop off. Textbooks not returned by this time will be charged to the student's account at the retail price. This charge may be reduced to a late charge equal to the current rental charge when returned through the published late book return date. Visit [mssubookstore.com](#) for more information.

Refund Policy

(Except for Residence Hall Charges)

During the course of any semester, if a student finds it necessary to drop individual classes or fully withdraw from the University, the refund policy for full-term classes is as follows:

For Fall and Spring Semesters

First day through Friday of week two of classes	100% refund
Week three through Wednesday of week four of classes	50% refund
After Wednesday of week four	0% refund

For Summer Semester

Prior to the end of the first week of classes	100% refund
After first week	0% refund

Withdrawal from classes during the 50% refund period means that the student will be responsible for 50% of the cost of tuition and incidental charges. Withdrawal from some classes after the fourth week, the student will be responsible for 100% of the cost of tuition and charges.

NOTE: Dates may vary for Off-Schedule classes. Withdrawal and refund information listed only pertains to full-term classes. Students must contact the Office of the Registrar for information on off-schedule courses.

To be eligible for a refund, the student must formally complete a Single Course Withdrawal form and submit it to the Office of the Registrar within the refund period. If the student is withdrawing from the University completely, he or she must complete a Total Withdrawal form with the University Financial Aid Exit Counselor within the published deadline dates. Refer to www.mssu.edu/student-affairs/registrar to view the off-schedule chart.

Failure to attend classes will not constitute a withdrawal.

NOTE: If the student withdraws after payment of any or all charges for the semester, any monies due to the student will be mailed after refund costs have been applied. However, if the University costs have been paid partially or fully by financial aid (scholarships, grants, loans, other government assistance programs, etc.) the refund monies will be first applied to the financial aid program source. Please see the repayment notice of Title IV aid paragraph below for further explanation. Once these awards have been fully refunded, any remaining balances will be forwarded to the student.

All refunds must be claimed during the term for which the refund applies. Students who feel that individual circumstances warrant exceptions to this policy may appeal in writing to the Bursar. This

appeal must be made during the term for which the refund applies.

Repayment Notice for Federal Financial Aid

Students who withdraw **through** the 60% completion of the semester will be subject to repayment of part or all of their aid, as determined by federal regulations. This includes official and unofficial withdrawals stemming from student's last date of attendance **through** the 60% of semester earned.

Students will be notified in writing of any amount due as a result of withdrawal. A hold will be placed on the student's account until repayment is made in full.

Students must make repayment of their portion of financial aid within 45 days. Failure to make repayment within 45 days will result in:

1. Referral to the federal government for collection.
2. Ineligibility for federal financial aid from all colleges and universities until the overpayment of aid and interest due is paid to the U.S. Department of Education.

For policies concerning refunds for Residence Hall charges, please refer to the Residence Life contract.

Academic Calendar

2023 Fall Semester

March 27 - April 21

April 24-August 18

August 21

September 1

September 4

September 13

October 16-17

November 22-24

December 4

December 8

December 11-14

December 14

December 16

Enrollment for current students

Open enrollment

CLASSES BEGIN

Last Day for Full Refund of Charges

Dismissal for Labor Day

Withdrawal after this Date No Refund of Charges

Fall Break

Dismissal for Thanksgiving Holiday

Last Day to Withdraw from a Class with a "W"

Last Day of Classes

Final Examinations

End of Semester

Commencement

2024 Spring Semester

October 23 - November 17, 2023

November 20, 2023 - January 12, 2024

January 15

January 16 (new date)

January 26

February 7

March 18-22 (new date)

April 29

May 3

May 6-9

May 9

May 11

Enrollment for current students

Open enrollment

Martin Luther King Jr. Day Holiday

CLASSES BEGIN

Last Day for Full Refund of Charges

Withdrawal after this date - No Refund of Charges

Spring Break Campus Closed

Last Day to Withdraw from a Class with a "W"

Last Day of Classes

Final Examinations

End of Semester

Commencement

2024 Summer Semester

May 20

May 27

June 3

June 6

June 19

July 4

July 1

July 25

Ten and Six Week Sessions Begin

Memorial Day Holiday

First Four Week and Eight Week Sessions Begin

Last Day for Full Refund of Charges *

Juneteenth Holiday

Fourth of July Holiday

Second Four Week Session Begins

End of Semester

* Based on 8 week session running from June 3 to July 25

2024 Fall Semester

March 25 - April 19
April 22 - August 16
August 19
August 30
September 2
September 11
October 14-15
November 27 - 29
December 2
December 6
December 9-12
December 12
December 14

Enrollment for current students
Open enrollment
CLASSES BEGIN
Last Day for Full Refund of Charges
Dismissal for Labor Day
Withdrawal **after** this Date No Refund of Charges
Fall Break
Dismissal for Thanksgiving Holiday
Last Day to Withdraw from a Class with a "W"
Last Day of Classes
Final Examinations
End of Semester
Commencement

2025 Spring Semester

October 21 - November 18, 2024
November 25, 2024 - January 10, 2025
January 20
JANUARY 13
January 24
February 5
March 17-21
April 28
May 2
May 5-8
May 8
May 10

Enrollment for current students
Open enrollment
Martin Luther King Jr. Day Holiday
CLASSES BEGIN
Last Day for Full Refund of Charges
Withdrawal after this Date - No Refund of Charges
Spring Break
Last Day to Withdraw from a Class with a "W"
Last Day of Classes
Final Examinations
End of Semester
Commencement

2025 Summer Semester

May 19
May 26
June 2
June 5
July 3
June 30
July 24

Ten and Six Week Sessions Begin
Memorial Day Holiday
Eight Week and First Four Week Sessions Begin
Last Day for Full Refund of Charges *
Dismissal for Fourth of July Holiday
Second Four Week Session Begins
End of Semester
* Based on 8 week session running from June 2 to July 24

Academic Information

The policies and statements contained in the Student Information and Academic Information sections were written for the undergraduate students at Missouri Southern State University and as such may not apply to our graduate students. Please check with the coordinator of the specific graduate program for more information.

Academic Affairs

Dr. Lisa Toms
Vice President for Academic Affairs and Provost
mssu.edu/offices/academic-affairs
Hearnes Hall 204 • 417-625-9394

The Office of the Vice President for Academic Affairs and Provost is responsible for the administration of the instructional programs both on and off campus. Student Success, Adult Degree Completion, Distance Learning, Financial Aid, Honors Program, Information Technology, Institute of International Studies, MOSO CAPS, Writing Program, Assessment and Institutional Research Office, Spiva Library, and all academic units are under its direction.

Academic Standards

Good Standing and Eligibility

Students enrolled at Missouri Southern are in good academic standing when they meet the standards of progress toward graduation as listed below. Those falling below these standards will be placed on academic probation. Persons failing to achieve normal progress toward graduation during the probationary period are subject to academic suspension. Students receiving financial aid must meet the good standing criteria listed below.

Those students competing in intercollegiate athletics (NCAA) or in organizations representing the University off campus shall be required to satisfy minimum standards of progress, as indicated below, following the completion of the first academic semester in order to maintain future eligibility in these programs.

Standards of Progress Toward Graduation*

A student's cumulative Grade Point Average (GPA) is used to evaluate progress. If the GPA falls below the minimum standards of progress, the work is considered unsatisfactory. Courses not applicable to the baccalaureate degree are not calculated in the GPA hours. Applicable for degree-seeking students only. IEP students should refer to the IEP section of the catalog.

Progress toward a degree is computed on the following GPAs:

*For the Associate and Baccalaureate Degrees

GPA Hours		GPA
1-22	semester hours	1.5
23-44	semester hours	1.6
45-66	semester hours	1.7
67-88	semester hours	1.8
89-110	semester hours	1.9
111 & Above		2.0

Academic Probation, Suspension and Appeal

Each student should consider a GPA of less than 2.0 as a warning. Those falling below the standards of progress toward graduation will be placed on academic probation. If the GPA is not raised to the minimum standard of progress during the probationary semester, the student is subject to immediate academic suspension from the University.

A student receiving academic suspension may not enroll at Missouri Southern for one semester. Students placed on academic suspension may file an appeal through the Office of the Registrar. Deadline to submit an appeal is six business days before the first day of the following semester.

Students whose appeals are approved, will be returned to academic probation.

Students who don't appeal or whose appeals are denied will have to sit out a semester and reapply for admission. Readmission will be based on meeting MSSU standards of progress toward graduation. Updated fall 2023.

Academic Bankruptcy

A student may petition the Academic Bankruptcy Committee to request one semester of work completed at MSSU to be excluded in computing their overall academic record. An approved Academic Bankruptcy petition will mean that the approved semester's grades and credits will be excluded in the calculation of the student's overall GPA and earned hours. The record of the bankrupted semester's work will still be displayed on the transcript with "E" beside each course signifying exclusion from the calculation of overall GPA and earned hours. In addition, there will be a notation of Academic Bankruptcy for that semester on the transcript. Academic Bankruptcy cannot be used to obtain academic honors or athletic eligibility.

The petition is initiated at the Registrar's Office either by a paper form or online form.

Academic Bankruptcy rules and guidelines:

1. To be eligible to petition for Academic Bankruptcy, a student must state in their petition, the unusual conditions that justify the petition.
2. A student is allowed one approved Academic Bankruptcy petition for the duration of their undergraduate education.
3. Academic Bankruptcy if approved will be applied to all courses within that semester including passed courses.
4. Students who have already graduated are ineligible to apply for academic bankruptcy.
5. Academic Bankruptcy cannot be used as a means of obtaining academic honors or athletic eligibility or avoiding academic probation or academic suspension.
6. Generally, requesting for general education courses or courses needed to complete a student's major may not be approved, because these courses must be completed to qualify for graduation.
7. In some cases, repeating a course may be a better option than an Academic Bankruptcy petition. Please review the Repetition of Courses policy found in the college catalog to see if it better fits your needs.
8. Approved Academic Bankruptcy at MSSU may not be accepted or recognized at other institutions or agencies.
9. Academic Bankruptcy cannot be applied to transfer courses. The student should contact the institution where courses were taken and ask about their policy. If grades are subsequently bankrupted at that institution, a new transcript should be sent to MSSU indicating the change.
10. The approval of academic bankruptcy petition does not constitute the refund or reimbursement of any tuition and fees paid by you or cancel any associated tuition and fees still owed by you for the bankrupted semester.
11. Academic bankruptcy does not improve the financial aid status for students who do not meet Satisfactory Academic Progress standards for federal financial aid.
12. Students in the IEP program are not eligible to petition for Academic Bankruptcy.
13. Requests from students on international exchange program or taken during an exchange program will include the International Studies department in the review and approval process.
14. Approved petitions from student athletes will be communicated to the Athletic department.

Petitions for Academic Bankruptcy may be submitted to the Registrar's Office at any time during the year. The Academic Bankruptcy committee meets to consider petitions periodically throughout the year.

Questions, contact the Office of the Registrar at registrar@mssu.edu or (417)625-9389.

Repetition of Courses

Students may only receive credit value for a repeated course once. Students may repeat courses in which grades 'F, D, C, B, U, LP, or P ' have been earned. When a course is repeated, the highest grade will be used when computing GPAs. The grade of B is considered higher than a P for repeating purposes. Transfer courses may be repeated if Missouri Southern offers the same course. Once a degree is

earned, a student is no longer eligible to exclude the grade of the first course in their GPA.

Honor Roll

An Honors or Deans' List, issued at the end of each semester, contains the names of full-time undergraduate students who have a semester Grade Point Average (GPA) of 3.75 or higher with no missing grade (grade of NO), incomplete, in progress grade, or a grade below 'C.' Courses below the 100 level are excluded from this GPA calculation.

Academic Certificates

Multiple academic departments offer specialized certificates that focus on a specific area relevant to today's workforce. These certificates are open to all students and may be earned as a stand-alone credential or in conjunction with a degree program. The certificate subject area must differ from a minor and/or major.

A certificate requires at least nine credit hours, excluding required prerequisites 2.0 GPA overall. Students should work with their advisor to file the proper paperwork to receive the credential.

Graduation and Latin Honors

In recognition of superior scholarships, the University awards honors to associate degree and baccalaureate degree graduates. Honors listed below are not earned until courses are completed, graded and posted on the student's permanent record. Courses below the 100 level are excluded from this calculation.

Graduation Honors: Associate Degree - The student must have completed a minimum one half of the hours required for the degree in residence at Missouri Southern State University. The cumulative GPA required to receive:

First Honors 3.90-4.00

Second Honors 3.80-3.89

Third Honors 3.70-3.79

Latin Honors: Baccalaureate Degree - Eligibility for any one of the following three honors requires the

candidate to study the junior and senior years at Missouri Southern and earn a minimum of 45 hours of MSSU credits updated fall 2023:

Summa Cum Laude	3.90-4.00
Magna Cum Laude	3.80-3.89
Cum Laude	3.70-3.79

Commencement Ceremony participation - Eligible students may be recognized and/or included in the Commencement ceremony based on the last completed semester cumulative GPA. The actual honors though will be determined at the end of the semester when final grades have been posted and the cumulative GPA meets the required criteria. The earned honors will be posted on the student's transcript.

Revised Standards for Veterans Educational Benefits

The Revised Standards for Veterans Educational Benefits as adopted by the State Board of Education on February 17, 1977, are available in the Veterans Services Office. Each Veteran should see the Veterans Representative regarding these policies.

Any exceptions to the regulations above must receive written approval from the Vice President for Academic Affairs and Provost.

Credit Options

Students may earn a total of **48** credit hours through alternative credit options under this section; Dual Credit, Retro Credit, and Pathways to Healthcare Bachelor's Credit excluded.

Special Policies for Financial Aid Recipients

Special policies and regulations governing financial aid recipients are filed in the Financial Aid Office, the Business Office and the Office of the Vice President for Student Affairs and Enrollment Management.

Resident Credits from Institutions of Equal Standing with Missouri Southern State University

Credits transferred from accredited colleges and universities will be given full value in similar courses whenever possible. The amount of credit given for courses studied in other institutions may not exceed the amount given at Missouri Southern for the same length of time of instruction. Students may not transfer credits to satisfy more than one half of the major course requirements in a department unless the approval of the Vice President for Academic Affairs and Provost is obtained.

Advanced Standing Examination: CLEP and Departmental Exams

A student whose travel, employment, extensive readings or other unique educational experiences appear to have provided proficiency in a course required in the curriculum equivalent to that ordinarily attained by those taking the course in regular classes, may be granted permission to take an advanced standing examination. This examination may be a subject matter test of the College Level Examination Program (CLEP) or a Departmental Exam.

CLEP Credits: Students who have already completed a CLEP exam should request the College Board to send their score to MSSU. Students who wish to take the CLEP and receive credit should take note of the information below:

- CLEP courses accepted at MSSU are posted at mssu.edu/student-affairs/registrar/clep.php
- Grade awarded for course will be "CR"
- Credit awarded for CLEP exams are included in the 48-hour credit maximum for Alternate Credits

For CLEP examination information, refer to the **Student Information - ACTS** section of the catalog.

Departmental Exam is a comprehensive test designed by the department to cover the subject more fully than a regular final examination. In order to receive credit for a departmental examination, a student must have the following qualifications:

- a. be enrolled in the University at the time of the examination;
- b. not have taken an examination over the course within the preceding six months;
- c. not have credit in a more advanced course in the same field;
- d. be working toward a degree at Missouri Southern State University;
- e. have the approval of the chair of the department in which the course is offered;
- f. not use the examination to replace a previously earned grade.

After a student has taken a departmental examination, the professor will transmit the grade to the Vice President for Academic Affairs Office. If performance is equated as a 'C' grade or above, the Registrar will record the credit. The credit granted will be based on applicability and will carry the grade of "CR".

ACT WorkKeys National Career Readiness Certificate (NCRC) Elective Credits: MSSU students can earn three 100 level elective credit hours by taking the ACT WorkKeys NCRC assessment and passing with a score of Silver level or higher. The fee ranges from \$75 to \$100 depending on where the exam is taken. Contact Testing Services at testingservices@mssu.edu for additional information.

International Baccalaureate

Missouri Southern will grant up to 30 semester hours or the equivalent of one full year of university study, to those who have completed study in the International Baccalaureate curriculum in high school. Missouri Southern will grant university credit and advanced placement for International Baccalaureate courses completed at the higher level with a score of four or greater. Students with such backgrounds should contact the Admission Office for a detailed analysis of credits and standing. The credit granted will be based on applicability and will carry the grade of "CR".

Advanced Placement Test (AP)

Missouri Southern participates in the Advanced Placement Program sponsored by the College Entrance Examination Board. Credits are granted

for course areas in which a student has completed Advanced Placement Examinations with a score of 3, 4 or 5. The credit granted will be based on applicability and will carry the grade of "CR".

High School Dual Credit

Missouri Southern will accept credits earned from a regionally accredited college or university while the student was in high school. These credits are subject to regular transfer credit evaluation, and students must submit an official college or university transcript to the MSSU Office of Admission. Dual credits cannot be awarded based on a high school transcript.

Correspondence Course Credit

Missouri Southern accepts credit earned by correspondence from regionally accredited institutions. The credit granted will be based on applicability and will carry the grade of "CR".

Course Credit for Military Service and Schooling

Military Service students who have completed basic training may be granted credit for the following courses:

- KINE 103 Lifetime Wellness (2 credit hours)
- KINE 220 First Aid and Sport Safety (2 credit hours)
- KINE 101 Introduction to Physical Activity (Land Navigation/Recreation) (1 credit hour)
- KINE 101 Introduction to Physical Activity (Self-Defense) (1 credit hour)
- KINE 101 Introduction to Physical Activity (Marksmanship) (1 credit hour)

These requirements will be satisfied if the DD214 form and/or JST (Joint Service Transcript) is submitted to the Missouri Southern Admissions Office. Credit may also be granted for specific military schooling as recommended by the American Council of Education. The credit granted will be based on applicability and will carry the grade of "CR". The veteran must present documentation designating the military course, date and site of the course. Military transcripts can be ordered from the following websites:

Air Force: [Community College of the Air Force](#)

All other branches: [Joint Service Transcript](#) (JST)

In addition, at the advisor's request we will articulate elective credit. The Registrar's Office must have on file the student's official JST (Joint Service Transcript) to enter the approved hours into record. Grades would be recorded as credit.

Validation Examinations (through departmental exam)

If Missouri Southern refuses to accept a student's earned credit in a course because of the method in which the course was taken or because the institution at which the course was taken was not accredited, the student may apply for a validation examination. In order to qualify for a validation examination a student must:

- a. be enrolled at Missouri Southern State University at the time the examination is taken;
- b. present the necessary evidence to prove that the course was taken;
- c. get approval from the school dean and the chair of the department in which the course is offered; and
- d. initiate the proceedings within the first eight weeks after entering the University.

The student initiates the request for examination at the academic department. The school dean and the department chair will appoint a professor to construct, administer and evaluate the examination. The result is reported to the Registrar who records the credit if the scale is 'C' or above and carry the grade of 'CR'.

Retro Credit Policy

Missouri Southern will award retro-credit for certain qualifying subjects. The credit granted will be based on applicability and will carry the grade of "CR". Students should contact the appropriate academic department to inquire about courses that qualify. Maximum allowable credits vary by department.

Pathways to Healthcare Bachelor's Degree Credit

Baccalaureate seeking students in the College of Health, Life Sciences, and Education programs - Health Science Dental Hygiene (HS01), Health Science Radiological Technology (HS02), Health Science Respiratory Therapy (HS03), Health Science Paramedic (HS06), and RN to BSN Completion program (NU02) - are eligible for credit transcription based upon state certification. Credits are typically awarded in the final term of attendance at MSSU. Students must be accepted into the applicable program to be eligible. Students work with the appropriate academic department to determine credit articulation. Update fall 2023.

Prior Learning Assessment

Alternative credit hours may be earned for career and professional experiences that are documented through the portfolio process. The availability of credit depends on the relevance of the students' experiences to their major as determined by the department and the college dean. The earned credits will carry a grade of "CR".

For additional information and application process, contact Adult Degree Completion at ADC@mssu.edu or 417-625-9521.

Time Limit on Degree Credit

Credits over twelve (12) years old at the time of application for graduation may not be applicable to a degree. Such credits may be subject to validation, at the discretion of the college/department involved, before they can be used to satisfy degree requirements.

Degree Requirements

Catalog Time Limit

A candidate for a degree may use, as a basis for degree requirements, the general catalog issued for any year following the date of the candidate's first completed registration at MSSU provided it is not more than six years prior to the date the degree is to be conferred. The candidate must have been in

residence at MSSU and earned credit during the year of the catalog selected.

Transfer Student: The MSSU catalog in effect at the time of the transfer student's initial enrollment in the sending institution (transfer school), will govern the transfer student's degree requirements. The catalog used may not be dated more than six years prior to the date the degree is to be conferred. The transfer student must have been enrolled in a previous school and earned credit during the year of the catalog selected.

Developmental Courses

Occasionally, scores obtained from the placement tests indicate a student may not be successful in college. The university reserves the right to require these students to take developmental courses in mathematics, composition, study skills or intensive English prior to participation in regular college level classes. Courses below the 100 level are not applicable to the baccalaureate degree and are excluded in honors calculations and calculation of the standards of progress toward graduation.

Course Numbers and Levels

Course Numbers:	
0 - 99	Not applicable toward the Baccalaureate Degree
100-299	Lower Division
300-499	Upper Division
500-700	Graduate

Immediately following each course title is a letter abbreviation of the semester in which the course is usually offered. Students and faculty should use this as a guide in considering future enrollment. However, this should not be interpreted as a contract. Missouri Southern reserves the right to deviate from this commitment when enrollment or other factors dictate.

Baccalaureate Degree Requirements

- A. **Residence:** The following minimum requirements must be met in residence at Missouri Southern: (1) 30 hours completed with

MSSU; (2) one-half of the credit both required for the major and in the major department. Courses required for the major but not offered in the major department are not included; (3) one-half of the upper division credit both required for the major and in the major department.

- B. **Credit Hours:** At least 120 semester hours of college credit applicable to a Baccalaureate Degree are required for graduation.
- C. **Grade Point Average (GPA):** The following minimum cumulative GPAs are required for all Baccalaureate degrees, some programs require a higher GPA. The GPA excludes not applicable to Baccalaureate Degree (NABD) courses:
1. a 2.0 GPA for all credit hours attempted;
 2. a 2.0 GPA for all the courses required for the major, both inside and outside the major department;
 3. a 2.0 GPA for all courses, required and elective, taken in the major department.

The following minimum GPAs are required for the Bachelor of Science in Education (BSE):

1. a 2.75 GPA for all credit hours attempted;
 2. a 2.50 GPA for all the courses required for the major, both inside and outside the major department;
 3. a 2.50 GPA for all courses, required and elective, taken in the major department;
 4. a grade of "C" or better in professional education courses and courses required for elementary education, special education and early childhood.
- D. **Upper Division Hours:** A minimum of 39 semester hours of courses numbered 300-499 must be completed. Transfer courses will be granted lower or upper division attributes based on how the course was originally taken. Credits from two-year colleges will be accepted for lower-level credit only. Students may receive course credit for a 300 or 400 level course, but the credit will not count toward the upper division credit required for a baccalaureate degree.
- E. **Modern Language:** All students expecting to graduate with a Bachelor of Arts degree must successfully complete 10-12 hours of the same foreign language.

- F. **Writing:** Students will complete the writing goals established by the faculty in their selected major. Students graduating with the Bachelor of General Studies degree or the Bachelor of Applied Science degree will be required to complete one course beyond **ENG 0101** and **ENG 0102** from the **list** of approved courses with a significant writing component.
- G. **General Education Curriculum Requirements:** Missouri Southern has a general education requirement curriculum program that contributes toward the development of the whole person, as an individual and as a member of society. Transfer students should refer to the Transfer Student section of the catalog regarding the General Education requirements. Click **here** to see Baccalaureate Degree General Education Curriculum Requirements.
- H. **University Experience:** A university experience course (UE 100) is required for all Missouri Southern degree-seeking students. UE 100 is also required for transfer students with fewer than 30 credit hours who have not completed an orientation course. Dual credit and credit-in-escrow are excluded. Honors students substitute HNRS 101, MKEAP students substitute BIO 100, and IET students substitute IET 105. Updated fall 2023.
- I. **Civics Exam:** Section 170.013 of the Revised Statutes of Missouri states that any student entering a public institution of higher education for the first time after July 2019 who is pursuing an associate's or bachelor's degree from such institution shall successfully pass an examination on the provisions and principles of America civics with a score of seventy percent or greater as a condition of graduation from such institution. The examination shall be known as the "Missouri Higher Education Civics Achievement Examination". At Missouri Southern State University, this requirement shall be applicable to all first-time degree seeking freshmen, including dual credit students, pursuing an associate or bachelor degree. Students exempted from this exam are transfer students, non-degree seeking students, and students seeking only a certificate. **Civics Exam FAQs**
- J. A student may not graduate with a course that has an IN (Incomplete), IP (In-Progress), or NO grade issued.

Core 42 In compliance with the State of Missouri Higher Education Core Curriculum Transfer Act (commonly known as CORE 42) initiative, the following general education requirement areas include the Missouri Transfer (MOTR) number for MSSU courses that have been approved. All public colleges and universities have adopted the CORE 42. Courses with a MOTR number in parentheses are guaranteed to transfer among all Missouri public institutions of higher education.

298-498 Classes

Classes numbered 298 or 498 may not be counted toward General Education Requirements credit.

Major

All students will be required to declare their degree sought, their major, their status and whether they will attend half-time or full-time. A major provides in-depth study of a discipline and prepares the student for a career or advanced study. Advisors are assigned within the academic department according to major. Students may apply for more than one degree, excluding the Bachelor of General Studies, provided the major differs.

Academic Minor

Select departments have developed an academic minor that in conjunction with the MSSU baccalaureate major strengthens the student's career preparation. A minor requires at least 18 semester hours of prescribed courses. At least six semester hours must be upper division and at least nine semester hours must be in residence. The overall GPA requirement is 2.0. A student may not earn a minor in the same subject area as a certificate or major. Minors should be declared as early as possible but may be added at any time, including after a baccalaureate degree from MSSU has been earned. Applications to add a minor after a degree has been earned are available through the Office of the Registrar.

Certificates

Multiple academic departments offer specialized certificates that focus on a specific area relevant to today's workforce. These certificates are open to all

students and can be earned as stand-alone or in conjunction with a degree program. A certificate requires at least 9 credit hours, which does not include prerequisites for required courses.

A Bachelor of General Studies (BGS) Degree

The Bachelor of General Studies (BGS) is an alternative for students who do not wish to pursue an existing major. Two versions of the BGS are available. The General BGS requires that a student complete all General Education Requirements and other degree requirements. To pursue this option the student should consult with an advisor and declare the BGS as a major. The Directed BGS also requires that a student complete all General Education Requirements and other degree requirements including upper division. Additionally, a committee of faculty works with the student to combine courses from several areas to create a distinctive program. To pursue this option the student should declare the BGS as a major and consult with the dean of the school most closely associated with the course work. The dean will appoint a faculty committee to help the student structure the Directed BGS.

Students with prior baccalaureate degrees from MSSU are not eligible to apply for a BGS.

Associate Degree

Click [here](#) to see Associate Degree General Education Curriculum Requirements.

General education curriculum courses required for the Associate of Science degree typically do not completely fulfill the general education curriculum requirements for the Baccalaureate Degree.

Graduation

- A. **Graduation Requirements:** The responsibility for satisfying all requirements for a degree rests with the student. Advisors, faculty members and administrators offer help to the student in meeting this responsibility.
- B. **Time of Graduation:** A student may complete graduation requirements at the close of any semester. Formal commencement exercises are

held and degrees are conferred at the close of the fall and spring semesters. Students who will complete graduation requirements at the close of summer semester may participate in spring commencement exercises.

- C. **Degree Candidacy Application:** Generally, students should apply for graduation at least one semester prior to the semester in which graduation is anticipated. The application process is initiated by completion of the online graduation application through LioNet, the student portal. Graduation application deadlines are published each year by the Registrar and failure to meet these deadlines may result in delayed graduation.
- D. **Senior Assessment:** Graduating seniors may be required to complete a general education curriculum and a departmental exit assessment before the baccalaureate degree is awarded.

State Legislation Requirements

Section 170.011 of the Revised Statutes of Missouri, 2015, prescribe that all candidates for a degree issued by the colleges and universities of Missouri must have "successfully passed an examination of the United States Constitution and in American history and American institutions required hereby as a condition precedent to his graduation from the college or university."

Section 170.013 of the Revised Statutes of Missouri, 2018, prescribe that any student entering a public institution of higher education for the first time after July 2019 who is pursuing an associate's or bachelor's degree from such institution shall successfully pass an examination on the provisions and principles of American civics with a score of seventy percent or greater as a condition of graduation from such institution. The examination shall be known as the "Missouri Higher Education Civics Achievement Examination".

All students who have completed the general education curriculum requirements with courses taken at Missouri Southern meet the requirements of Missouri law.

School Laws of Missouri, 1974, require that persons cannot be granted a certificate or license to teach in the public schools of Missouri unless they have

satisfactorily completed a course of two or more semester hours in the psychology or education of the exceptional child. This requirement can be met by taking [EDUC 0302](#) or [EDUC 0304](#).

General Regulations

Classification of Students

A. By Class:

Freshman: 0-29 Hours
Sophomore: 30-59 Hours
Junior: 60-89 Hours
Senior: 90 and above
Special Admission: See [Special Admission](#)

B. Postgraduate:

Persons having completed a Baccalaureate Degree but taking courses for the purpose of teacher certification, job preparation and additional degree or personal profit.

C. Full-time:

A student enrolled for 12 or more semester hours.

D. Half-time:

A student enrolled in 6-11 semester hours.

E. Less Than Half-time:

A student enrolled in fewer than 6 semester hours.

Concurrent Enrollment

A student who is enrolled in residence at Missouri Southern and who desires to earn credit concurrently at another institution or through correspondence, extension or advanced standing examination must secure advanced approval from a school dean. Financial aid recipients should contact the [Financial Aid](#) Office.

Combined Degree Programs

Missouri Southern State University has established a combined degree program for Medical Laboratory Science. Specific requirements for this program are included in the program descriptions. Combined degree programs operate under the following regulations:

1. Complete 94 hours at Missouri Southern State University. Transfer credit will be considered, but the last 30 of the 94 hours must be earned at MSSU.
2. The 94 hours must include the completion of the General Education Requirement Curriculum requirement.
3. Sixteen out of the last 94 hours must be upper division (300 and 400 level courses).
4. All applicable "Requirements for Graduation" as stated in the Missouri Southern State University catalog must be met including the application for degree candidacy and the filing of credentials with the Career Services Office.
5. A transcript from the institution with which a combined degree agreement is arranged must be provided in order to complete the requirements for a degree.

Second Baccalaureate Degree

A student may receive a second Baccalaureate Degree after completing the first degree and all the requirements of the second degree. A student may not earn the same degree more than once, even though the majors differ. The residency rules apply. See item A-I under [Baccalaureate Degree requirements](#).

Transcript Below "C" Average

Students who are accepted with a below 'C' transcript and who are below the minimum standards for progress will be placed on Academic Probation. Missouri Southern transfers all grades from any equally accredited institution including both "D's" and "F's".

Maximum Credit Hour Load

To enroll in more than 18 semester hours during a semester or in more than nine hours during a

summer session, a student, with the exception of music majors, must obtain prior written permission from the school dean. Music majors may carry as many as 20 semester hours without permission from their dean. Honors Program students may carry as many credits as approved by the Honors Program Director.

Late Enrollment

Enrollment in a regular semester after the first week of classes or after the third day of classes in the summer session is not advisable and is permitted only with special permission from the appropriate department chair and instructor (for each class). Students must pre-pay for these classes prior to enrollment. Any student enrolling after classes begin will pay a late enrollment charge.

Adding Courses - Special Registration

A student may add a course in the appropriate department office, but only upon the approval of an advisor. A charge will be assessed each time a student changes the program not at the request of the University. No course may be added after the first week of classes in a regular semester or after the third day of classes in the summer session without special permission. No courses shall be added after the conclusion of special registration.

**NON-ATTENDANCE DOES NOT
CONSTITUTE A WITHDRAWAL.**

Enrollment Confirmation

For each semester a student is enrolled they are required to complete the Enrollment Confirmation on LioNet to accept their enrolled courses and the associated financial charges. Students who don't confirm their enrollment in LioNet may be dropped; however, before being dropped the Office of the Registrar will attempt to reach student through their MSSU email and a phone call to the number we have for them on file.

Timelines to confirm enrollment are:

- Fall Semester: August 1st through the eleventh (11th) day of the semester.

- Spring semester: January 1st through the eleventh (11th) day of the semester.
- Summer: May 1st through the fifth (5th) day of the June 8-week session of the semester.

Instructor Drop for Non-attendance and Non-participation in Online Classes

Instructors are required to cross off the names of students on the class roster of students who don't attend or participate in online classes the first two weeks of full-term courses or first week of part of term classes. Cancelled rosters are to be turned to the Office of the Registrar by 4 p.m. on the Thursday of the 2nd week of school and 10 a.m. of the Monday of the 2nd week of class for part of term classes. Students whose names are cancelled off the roster will be dropped by the Office of the Registrar. Regardless, it is ultimately the students' responsibility to properly withdraw from classes.

Re-enrollment for Non-attendance/Non-participation process

Students seeking re-enrollment after being dropped for non-attendance/non-participation in online classes must pick up Re-enrollment forms from the Office of the Registrar in Hearnese Hall and gather the appropriate signatures including the instructor of the class and the Bursar's Office. The completed form should be submitted to the Office of the Registrar for re-enrollment into the classes. Students in online classes may email the office of the Registrar at registrar@mssu.edu for the form. Students must obtain instructor approval for each class before the application can be processed. The completed form should be due to the Office of the Registrar no later than noon of the third Friday of the fall/spring semester and second Thursday of the summer semester. Updated fall 2023.

Withdrawal from a Single Class With a Grade of 'W'

Single course withdrawals must be initiated by the student by completing the Single Course Withdrawal form available in the Office of the Registrar, in Hearnese Hall 101 or through the online form accessible on their website. Deadlines cited in the Schedule of Classes apply. Students who have

withdrawn from a class are no longer permitted to attend the class.

Withdrawal from All Classes

A student who wishes to completely withdraw will initiate withdrawal in the Financial Aid Office (Hearnese Hall). A student who completely withdraws from the University prior to the last week of classes in a regular or summer semester will receive a grade of "W" in all courses in which the student is enrolled. Withdrawn students are no longer permitted to attend classes. If the last date of attendance precedes the official withdrawal date, the earliest date will be used as the separation date. A student who leaves school without officially withdrawing will receive grades of 'F' in all courses.

Military Withdrawal Policy

Persons involuntarily called to active duty in any branch of the military services of the United States while enrolled as students at Missouri Southern State University will be released from their academic responsibilities without penalty. The following options are available:

1. Complete Withdrawal*

A student called to active duty may request to be withdrawn from all classes and receive a full refund of tuition paid for class enrollment. Students selecting this option will follow the normal process for a Complete Withdrawal from the University. A copy of their orders must be submitted along with the Total Withdrawal form to receive a refund.

2. Incomplete Grade

A student called to active duty may contact course instructors to explore the option of receiving an "IN" (incomplete) grade for the course. The normal procedures for an incomplete grade will apply. The approval of this option is left to the discretion of each individual instructor.

3. Single Course Withdrawal*

A student called to active duty may request to be withdrawn from a single course past the normal published deadlines so long as the active duty orders were not received prior to the published deadline. Students are to complete the Single Course Withdrawal form. The military

orders must be submitted along with the Single Course Withdrawal form to receive a tuition refund.

4. **Transfer to an On-line Course**

A student called to active duty may request to be transferred to an on-line version of the same course if available and acceptable by the instructor of the on-line course. Additional on-line charges will be applicable. Students must contact the Office of the Registrar for assistance.

*Grades of "W" will have the following transcript notation: "Called to Active Duty". Room and Board: The refund of charges paid for room & board will be pro-rated. Students must contact Residential Life for assistance. Special Course Charges: The majority of these charges are not refundable.

The intention of the policy is to ensure that, based on recommendations from the U.S. Department of Education and the American Council on Education, no service member suffer a loss of funds or educational opportunity because s/he was called to serve.

Class Attendance

Faculty members are encouraged to keep records of attendance in all regularly scheduled courses at Missouri Southern. The primary objective of student and professor is the student's attainment of course goals. It is recognized that students who achieve those objectives are normally those who attend class or participate online regularly. The professor, when giving a final semester grade, bases his/her evaluation on how well the student has achieved the course goals.

For financial aid purposes, if a student misses any class for ten (10) consecutive working days or does not participate in an online class, the faculty member will submit The Last Date of Attendance form to the Office of the Registrar. Online forms are available on LioNet.

Students who miss a class do so at their own risk and must assume the responsibility for work missed because of class absences. Professors are willing to assist students whose absences are caused by valid

illnesses, University approved activities and extenuating circumstances. The professor may require whatever evidence is needed to support the reason for absence.

The attendance record is significant to the total record and is useful in guidance and counseling. When absences are excessive, the professor will report the fact to Student Affairs and they will in turn counsel with the student. Any student earning a grade of "F" must have the last date of attendance recorded on the Grade Roster. All students who stop attending class or participating in an online class should also have the last date of attendance recorded on the Grade Roster.

Students should be aware that absence from class invariably has a built-in penalty of lower academic achievement. Excessive absences usually result in failure to achieve the course goals.

Transcript Dispute Policy

Students with a dispute on their academic transcript shall be granted one year from the end of the term in which the notation appears, to submit a written appeal regarding the notation in question. Appeals may be submitted to the Office of the Registrar.

Grades and Grading Policies

Grading System

A student's grade is officially recorded by letter. At Missouri Southern, the following grades and their numerical equivalents are used:

Grade		Grade Points
A	Outstanding	4
B	Above Average	3
C	Average	2
D	Minimum Passing	1
F	Failing	0
W	Withdrawal	

The current policy for the 'W' grade is as follows:

- Course drops will be permitted through the second week for full-term courses and the first two days for part-of-term courses of the semester without any grade recorded.

- b. Course drops during the third through the eleventh week of the semester will be indicated by a 'W' posted to the record for full-term courses. Students have the first two days of the course for part-of-term courses.
- c. Course drops are not permitted after the eleventh week of the regular semester (or its equivalent). A student who stops attending class without officially withdrawing is in jeopardy of receiving an 'F' in the course.
- d. A student who completely withdraws from the University prior to the last week of classes in a semester may receive a grade of 'W' in all courses in which the student is enrolled.

Credit/No-Credit System of Grading

Students in some programs may register to take certain courses on a credit/no-credit basis. In such cases, "Credit" or "No-Credit" will be recorded rather than a letter grade and these courses will not be counted in GPAs. This program will permit a student to explore course work outside of the major without jeopardizing the GPA. The minimum performance level required to receive credit in a credit/no-credit course is a grade of 'D.' Students may be eligible to enroll for certain courses on a credit/no-credit basis under the following conditions:

1. That such registration be approved by the advisor and the chair of the department through which the course is offered.
2. That the student has attained sophomore rank or higher (30 or more hours).
3. That the student has achieved a cumulative GPA of at least 2.0.
4. That such enrollment be limited to one course per semester.
5. That the total enrollment on a credit/no-credit basis be limited to no more than three courses or 10 credit hours in any student's degree program.
6. That the courses involved are not part of the student's major or minor and are not specifically required as part of the student's degree program. (Hours beyond the minimum required for the major or minor may be taken on a credit/no-credit basis.)
7. That the courses involved are not part of the General Education Requirement Curriculum requirement.

8. Registration for credit/no-credit courses will be completed prior to the final date for changing registration by adding a course.
9. After a student has enrolled in a course under the credit/no-credit option, that individual may not subsequently change to a graded basis in that course.

This policy does not apply to those courses regularly designated as credit/no-credit courses such as Recital Attendance, Student Teaching and ISEP, Bilateral Exchange and the Missouri London/Greece programs and Life/Work experience.

Incomplete (IN): A grade of 'IN' may be recorded by an instructor if a student is unable to complete the work of the course within the semester for a valid reason such as illness, death in the family, an emergency, etc. It is not intended as a substitute for an 'F' and does not entitle a student to attend the class during a subsequent semester. Incomplete grades are approved at the sole discretion of the instructor. Students must initiate communication with the instructor prior to the end of the course to discuss the option of an IN grade. Coursework for an incomplete grade must be made up by the last day of class prior to the final's week of the next semester (excluding summers) or the grade will be converted to an 'F' automatically; however, instructors set the specific date the coursework is due to them. Both credit and grade points for that course are suspended until the incomplete is converted to either a passing grade or an 'F'. A student will not be able to graduate with an incomplete grade on their transcript. Updated fall 2023.

In Progress (IP):

A grade of 'IP' will be recorded by an instructor in a situation in which a student is unable to complete the work of the course within the semester for a valid non-emergency reason, such as a research project or internship that overlaps two semesters. It is not intended as a substitute for an 'F' and does not entitle a student to attend the class during a subsequent semester. In Progress grades are approved at the sole discretion of the instructor. Students must initiate communication with the instructor prior to the end of the course to discuss the option of an IP grade. Coursework for an 'IP'

must be made up by the last day of class prior to the final's week of the next semester (excluding summers) or it will be converted to an 'F' automatically; however, instructors set the specific date the coursework is due to them. Both credit and grade points for that course are suspended until the 'IP' is converted to either a passing grade or an 'F'. BSE majors will not be able to begin student teaching if an 'IP' grade is in force. A student will not be able to graduate with an 'IP' grade on their transcript. Updated fall 2023.

No Grade Assigned (NO): A grade of 'NO' will be substituted if the instructor does not assign a grade to the student by the grading deadline. A grade should not be left blank as a substitute for an 'F' and does not entitle a student to attend the class during a subsequent semester. A grade of 'NO' must be corrected or updated by the last day of class prior to the final's week of the next semester (excluding summers) or it will be converted to an 'F' automatically. Both credit and grade points for that course are suspended until the 'NO' grade is converted to either a passing grade or an 'F'. A student may not graduate with a grade of 'NO'. Updated fall 2023.

Audit (AU): A student may audit a class for no grade and no credit. A Request to Audit must be filed in the Office of the Registrar by the end of the second week of class. Acceptable performance, attitude and attendance as determined by the professor are expected. Regular charges and enrollment procedures are required. A student may not change enrollment from audit to credit nor from credit to audit. An audit means only that a student registered for the course. It does not imply any level of proficiency or knowledge.

Change of Grade: A change is initiated by the faculty member by filing an Electronic Change of Grade form. No change of grade is to be made without good cause. Exceptional cases will be reviewed by the school dean and Vice President for Academic Affairs. Change of grades must be submitted within one year.

Independent Study: Independent study courses are special courses which may be taken by students at the discretion of the faculty advisor and the appropriate college officials. These courses are designed for the individual who desires to explore a

topic more completely than can be done in a regular course offering. Students may enroll in independent study courses for a total of three hours for the associate degree and a total of six hours for the baccalaureate degree providing they:

1. have completed:
30 hours toward the Associate Degree
90 hours toward the Baccalaureate Degree
2. have a minimum cumulative 3.00 GPA;
3. have permission of the advisor, department chair and the school dean in the area of independent study.

Midterm Grades: Mid-term grades support Missouri Southern State University's commitment to student success. Mid-term grades are indicators of a student's progress. Mid-term grades are informational only and to be used only as a gauge of current progress in a specific class. Mid-term grades will not appear on or become part of the student's permanent academic transcript. Mid-term grades are only provided for 16-week courses and are considered an advising tool. Students with "D" or "F" grades are advised of poor academic performance and provided with the tools to make an informed decision about how to improve their grades. Mid-term grades are not recorded on official student transcripts.

Mid-term grades are reported to students through the university's LioNet portal.

Mid-Term Grade Codes 1-4

1. Poor attendance
2. Poor performance on assignments
3. Poor performance on assignments/exams and low attendance
4. Recommend withdrawal from the class

Posting of Grades: Public posting of a student's name and grade or student number and grade, without the student's approval, is a violation of the Buckley Amendment (Family Education Rights and Privacy Act of 1974, FERPA) which does not allow disclosure of recorded data or information without the individual's written consent.

Official Transcript: An official transcript of the student's academic record bears the Registrar's signature and the University seal. Missouri Southern assumes no responsibility for the accuracy

of a transcript after it leaves the Office of the Registrar.

Official transcripts with the most recent completed semester will be available for students one week after the semester's grades submission deadline. Degrees will be issued four to six weeks after grades are posted at the end of the semester. The transcript request must be submitted at www.mssu.edu/student-affairs/registrar/transcripts.php. Official transcripts will be issued if students have settled all their Missouri Southern bills or are current according to agreement with the Bursar's Office.

Unofficial Transcripts: Unofficial transcripts can be printed off from a student's LioNet account. Former students with no access to LioNet will have to either request for an official transcript using the official transcript process or stop by the Office of the Registrar to pick up an unofficial copy. Unofficial transcripts will not be emailed from the office of the Registrar.

Institutional Effectiveness

Betsy Wood
Director
Webster Hall 320 • 417-659-4379
mssu.edu/academics/institutional-effectiveness/

Our Mission

The mission of the Office of Institutional Effectiveness is to assist campus stakeholders in acquiring and using institutional data and findings from learning outcomes assessment to make informed decisions in fulfillment of the University's [Strategic Plan](#).

Activities of Institutional Effectiveness (IE)

Missouri Southern is committed to measuring outcomes of curricular and co-curricular programs. Both the General Education/Core 42 Requirements and Academic Program outcomes are assessed by faculty and staff and reviewed by the Program Review and Assessment Committee. Federal, state and local reports of institutional data are prepared and archived by the IE staff. Analytical and

descriptive reports are generated to aid stakeholders in data informed decision making. Quantitative and qualitative data are compiled in order to help evaluate the effectiveness of academic and non-academic programs.

Distance Learning

Scott Snell
Director
Webster Hall 109 • 417-623-3188
mssu.edu/academics/distance-learning/

Mission

Missouri Southern's Department of Distance Learning exists to support online students and faculty with online classes in highly engaging and interactive online learning environments. Offering instructional design and multimedia production that is consistently perceived as professional, knowledgeable and up-to-date, this department helps facilitate high quality and satisfactory learning experiences for students seeking flexible access or degree completion in selected undergraduate and graduate programs.

Quality Assurance

The Department of Distance Learning and online faculty at Missouri Southern take great pride in the quality of our online offerings. Each online course is reviewed regularly, helping to ensure a rewarding and worthwhile learning experience for our online students. Look for Distance Learning's Certified Quality badge in your online course! This badge guarantees your online class has met MSSU quality standards and best practices.

Faculty Dedication

Online faculty at Missouri Southern are dedicated to the success of our online learners. It is the goal of all faculty teaching online at Missouri Southern to provide online students with learning experiences equivalent to those of the campus classroom. To that end, faculty are committed to providing their online students regular and substantive interaction. Online students at Missouri Southern can expect rigorous academic activities, regular communications, timely inquiry responses and

grades, and substantive feedback from their instructors.

Online Learning with Blackboard

Students taking online classes at Missouri Southern will enjoy challenging and engaging learning experiences within Blackboard Learn™, our online learning management system (LMS). With an Internet connection and browser, students can read announcements, watch and listen to audio/video presentations, retrieve course documents and handouts, participate in discussions, take exams and quizzes, turn in assignments, and receive feedback from their instructors. Blackboard Learn™ is an industry leader in online learning, providing instructors and students the absolute latest in teaching and learning technologies, providing instructors and students the absolute latest in teaching and learning technologies.

Online Tutoring

Online students at Missouri Southern have complete access to the University Student Success Center. Online students can forward writing submissions to the Writing Studio for feedback and writing support. Students can also schedule and join synchronous online tutoring sessions with the Center's highly trained student tutors.

Online Testing

Assessments in online classes at Missouri Southern can be completed online. Students taking online classes requiring proctored tests, which are tests that must be taken in the physical presence of a testing monitor, will be provided the option of completing such exams online. To take advantage of this option, students will need a reliable internet connection and computer with audio/video capabilities. Students are responsible for a one-time, per-class, per-semester \$10.00 charge for this service. Students also have the option of completing proctored exams at physical testing locations. There is no charge when using Missouri Southern's Testing Services Office on campus.

Academic Outreach

Brett Meeker

Director

Webster Hall 116 • 417-625-9785

mssu.edu/academics/dual-credit

Mission

The mission of the MSSU Dual Credit/Dual Enrollment Program, in collaboration with area high schools, is to provide geographically feasible and affordable access to quality university-level undergraduate education to high-performing high school students in order to enrich the high school educational experience as well as foster a smooth transition from high school to a four-year university.

Student Eligibility

Student eligibility information is available through the Missouri Department of Higher Education website. Please visit

<http://dhe.mo.gov/cota/dualcredit.php> for the most up-to-date student eligibility information.

Dual Credit

Dual credit enables qualified high school students to take University-level courses taught by qualified high school instructors. Students simultaneously receive academic credit for the course from both the high school and MSSU.

Dual Enrollment

Dual enrollment enables qualified high school students to take University-level courses taught by an MSSU faculty member while simultaneously enrolled in the high school and MSSU. Credit is typically only awarded at the university level; however, students may be eligible to earn high school credit for such courses with approval from the high school district.

Honors Program

Dr. Michael Howarth

Director

Spiva Library 120 • 417-625-3005

mssu.edu/academics/honors

The Honors Program at Missouri Southern State University is a specially-designed academic pathway exclusively for high-achieving students. Honors students have the advantage of a distinguished learning environment, enhanced resources, a strong community to support them, and special recognition designed to help them succeed academically.

Mission

The Honors Program serves Missouri Southern State University by educating and graduating knowledgeable, responsible, successful global citizens by fostering a strong commitment to international education and the liberal arts through experiential learning and rigorous engagement in interdisciplinary studies.

Vision

The Honors Program will be recognized as a leader in academic excellence by both the University and the community and will serve as a model by which to prepare its students for productive careers and lifelong learning through fulfillment of the University's mission and values.

Values

Intellectual Curiosity: The Honors Program promotes interest leading to inquiry, the pursuit of diverse knowledge and a respect for varied ways of learning.

Community: The Honors Program fosters personal, supportive contact between and among its students and faculty while encouraging students to participate in all aspects of campus life.

Student-Centered Learning: The Honors Program provides challenging, active learning opportunities in all areas of the curriculum.

Critical Thinking: The Honors Program provides students with experience in objectively analyzing and interpreting information, opinions and beliefs.

Scholarship: The Honors Program promotes academic excellence in all areas, with an emphasis on scholarly research.

Service Learning: The Honors Program facilitates the maturation of students as citizen leaders through service to the community and individual reflection.

International Experience: The Honors Program prepares its students to be global citizens by emphasizing cross-cultural experiences.

Student Support: The Honors Program provides special support to its students to assist them in reaching their personal and professional goals.

Beginning with the first semester of their freshman year, Honors students participate in specially-designated Honors classes. Because admission is selective and competitive, these classes are smaller and often involve more active learning than regular classes, permitting Honors students greater and more intensive interaction with their instructors and other outstanding students.

Honors students also enjoy intensive guidance and personal attention from the Honors Director and from distinguished faculty in their area of study. Independent studies and the Senior Portfolio project provide students and faculty with the flexibility they need to pursue scholarly interests and to design and implement innovative, creative approaches to learning.

Performance expectations are high. Honors students are held to the highest standards of academic performance, but are not in competition with one another. Instead, an atmosphere of openness, cooperation and intellectual adventure enables Honors students to inspire and challenge one another to the highest levels of achievement.

Curriculum

While students will take courses offered in Southern's regular curriculum, the following

features are specifically designed for Honors students:

Honors Forum: An interdisciplinary course that introduces students to the principles and practices of scholarly inquiry and active learning. Students read a variety of texts concerning personal and academic challenges inherent in a college environment.

Service Learning: Honors students experience firsthand the value and challenge of community service as they simultaneously participate in and analyze the culture of a local service institution.

Research Seminar: This course addresses the fundamental elements of research design and execution. The course covers an array of methodologies and explores the skills employed in conducting research, including quantitative, qualitative, and mixed-methods strategies.

Senior Portfolio: Students edit and revise their portfolio projects, selecting texts to showcase, composing personal reflection statements, and discussing the impact that the Honors Program has made on their intellectual, personal, and ethical development.

Honors Recognition

Missouri Southern is affiliated with the National Collegiate Honors Council and The Great Plains Regional Honors Council. Most Honors students have the opportunity to participate in the activities of these organizations.

Every Honors course completed with a final grade of 'A' or 'B' is identified as an Honors course on the student's transcript. Students who maintain a cumulative GPA of at least 3.3, complete the required 18-20 hours of Honors courses and demonstrate acceptable progress in Honors will receive special recognition at commencement.

The Walter and Frederica Evans Scholarships

The Walter and Frederica Evans Scholarship is available to students who have been accepted into the Honors Program. It is awarded to the most highly qualified applicants as funds allow.

The Evans Scholarship is Southern's most valuable institutional academic award, and Honors students who are awarded this scholarship receive \$6,500 per academic year (\$3,250 per semester). The Evans Scholarship is renewable for up to eight semesters if the student continues to make acceptable academic progress.

Eligibility

All students who wish to participate in the Honors Program must first be admitted to Southern. Incoming freshmen are eligible to apply if they meet one of the following requirements:

1. Earn an ACT composite score of 28 or above, or an SAT score (CR + M) of 1300 or above.
2. Rank in the top 10% of their high-school class.
3. Have a GPA of at least 3.7 (on a 4-point scale) in high-school coursework.

To complete the application process the student must submit an application form, a transcript, and a written personal essay. Outstanding candidates will be invited to an on-campus interview.

Students who have already completed one to four semesters of course work with a GPA of 3.5 at Southern or any other accredited college or university are also invited to apply for admission into the Honors Program, though they may not be eligible for the Evans Scholarship.

Institute of International Studies

Chad Stebbins
Director
Webster Hall, 337A • 417-625-9736
mssu.edu/academics/international-studies

Mission

In July 1995, Missouri Governor Mel Carnahan signed into law House Bill No. 442, which directed that Missouri Southern "shall develop such academic support programs and public service activities it deems necessary and appropriate to establish international or global education as a distinctive theme of its mission." That legislation was enacted as part of Missouri's "Blueprint for

Higher Education," adopted by the Coordinating Board for Higher Education.

The faculty and administration of Missouri Southern developed over the next year the outline of a comprehensive plan of international education. Included was the establishment of the Institute of International Studies, charged with overseeing the internationalizing of the campus.

Internationalizing the Curriculum

The most distinctive aspect of Missouri Southern's effort to internationalize the curriculum, and the one with the most tangible effect throughout the campus community, has been the designation of "themed semesters." Each fall, a particular country or region of the world is selected to become the focus of intensive study. For the fall 2023 semester, we will be featuring Ireland. Missouri Southern was one of 13 U.S. colleges and universities included in Internationalizing the Campus 2004: Profiles of Success at Colleges and Universities, a major report published by NAFSA: Association of International Educators, for its themed semesters. The report showcases U.S. colleges and universities that are making innovative, wide-ranging efforts to integrate global approaches to teaching into campus learning.

Study Abroad Programs

Study abroad programs also provide Missouri Southern students with additional opportunities to gain an understanding of other cultures and international issues. While many students travel with faculty on short-term programs, an increasing number are spending an entire semester abroad. Through the International Student Exchange Program (ISEP), students can pay MSSU tuition and room and board while attending any of 300 universities in 50 countries. MSSU also has a dozen partner universities around the world where students can pay MSSU tuition while renting apartments near the campuses. The Missouri London Program provides students with the opportunity to spend a semester at the University of Roehampton. We offer \$1,000 study abroad grants to students going on the short-term trips and \$1,250 grants for students spending a semester abroad.

Library (George A. Spiva)

James Capeci
Library Director
Spiva Library 204 • 417.625.9806
mssu.edu/academics/library

The George A. Spiva Library is the major information source on campus, providing access to over 1 million research items in a variety of formats, including print books and journals, electronic books and journals, multidiscipline research databases, and microform collections. Along with these research materials Spiva Library also houses several individual and private group study rooms, a large quiet room, various public study spaces, a technology enhanced instruction classroom, and multiple computer labs.

Accessibility, Staff & Hours

Spiva Library works closely with the campus Disability Services Coordinator to ensure that the library is accessible to patrons with disabilities. Patrons with a disability may contact any library staff member for assistance.

Helpful staff members are stationed throughout the library to support all materials and services. The staff is composed of degreed librarians, numerous support staff members, and student employees who serve in all areas of the library.

Spiva Library hours*:

- 7:30 a.m. - 9 p.m. Monday -Thursday
- 7:30 a.m. - 5 p.m. Friday
- 2 p.m. - 10 p.m. Sunday

*Library hours differ during holidays, breaks and summer session.

Archives and Special Collections

Located on the first floor of Spiva Library, the University Archives and Special Collections Department collects, arranges, preserves, and makes accessible the institutional history of Missouri Southern State University, from its beginnings as Joplin Junior College through the present day. This department also maintains special collections in order to preserve local history. These special collections include the Tri-State Mining Collection,

which contains over 3000 mining maps of Missouri, Kansas and Oklahoma, the Daniel Stewart Collection of mining maps and other materials, the collection of Congressman Gene Taylor and the collection of Joplin Junior College alumni Arrell Gibson, in addition to rare book collections, including a collection of books relating to local history.

Equipment

Five computer labs contain over 100 PC and Macintosh workstations for student use on every floor of the library, one with scanners, and all workstations are connected to black and white/color network printers. One computer lab is devoted to Macintosh computers. A portion of the workstations have specialty software such as AutoCAD, Minitab, SPSS, and Visual Studio. Four additional workstations are available for quick searching. Digital and analog microform readers and printers are available for viewing and printing periodical back files. A color photocopier is located next to the Main Circulation Desk.

Instruction

The teaching function of the library is important, as it should be at a university that prizes teaching and research excellence. The mission of the Spiva Library's Information Literacy (Instruction) Program is to ensure students are able to locate, evaluate, and use information effectively and ethically. To meet these objectives, library faculty provide building tours of the library, research skills classroom instruction sessions, online research guides (<http://libguides.mssu.edu/index>), and one-on-one research consultations. To schedule instruction or a research consultation, please call 417-625-9342 or email LibrRef@mssu.edu.

Mission

The George A. Spiva Library provides organization of and access to information essential to Missouri Southern State University's commitment to a liberal arts education and lifelong learning, with a firm emphasis on international studies and quality classroom teaching and research. The library also serves as a resource for residents in the region. Professional librarians and trained support staff

expedite and enhance access to information through the sharing of expertise, participation in networks, the acquisition and maintenance of resources, creation of bibliographic tools and help guides, development of instruction programs, and the availability of reference services. The curriculum and research needs of students, faculty, and staff are met by providing timely access to information in the most beneficial format. Spiva Library will maintain and enhance user-oriented services, introduce new technologies, and build collections that contain diverse points of view. These initiatives will further demonstrate the central role played by the library in supporting the mission of the University and the educational needs of our constituents.

Online Catalog

SWAN (South West Academic Network) is the public catalog and available via the Internet at <http://swan.searchmobius.org/>

The catalog allows a search of Missouri Southern's materials and/or those held by other members of the SWAN cluster of institutions. SWAN has grown to include: Missouri Southern State University, Baptist Bible College, Cottey College, Crowder College, Drury University, Evangel University, Ozark Christian College, Ozarks Technical Community College and Southwest Baptist University.

SWAN is one of nearly 11 clusters forming MOBIUS, a consortium linking the academic libraries of Missouri. MOBIUS enables a student to borrow a book from any academic library in Missouri and expect to receive it within an average of 48 hours. The requests are delivered Monday through Friday by an independent courier. This system eliminates tedious forms and provides rapid service. The book resources available number in the tens of millions and may be borrowed by MSSU students, faculty, and staff free of charge. Six large public library systems have joined MOBIUS in resource sharing and provide additional materials for our students. Currently, over 77 libraries form MOBIUS, including academic, public and special libraries, and the Missouri State Library.

Materials Access & Research

Access to these resources is available through the library's web page at: <http://www.mssu.edu/academics/library/>. The library provides access to hundreds of databases, and hundreds of thousands of electronic books. Students, staff, and faculty may access these resources from off-campus through the proxy server using their Missouri Southern credentials. Spiva Library maintains print periodicals and microforms of back issues. Students, staff, and faculty may borrow materials by presenting their campus ID at one of the two circulation desks. Interlibrary loan requests for materials that are unavailable in-house or through MOBIUS are sent and received through an international computer network of libraries called OCLC. Periodical articles are rapidly sent and received via fax and email.

Locations

Missouri Southern State University (Main Campus)

3950 E. Newman Road, Joplin Missouri 64801
(417) 625-9300 Main Campus (417) 625-9378

Admissions

1-866-818-6778 Toll-Free Switchboard

Missouri Southern State University is currently not offering classes at any satellite locations.

Show-Me Gold

The Missouri Army National Guard Officer Leadership Program (SHOW-ME GOLD) will offer citizens of Missouri the opportunity for professional development to become officers in the Missouri Army National Guard. The officer training program will consist of credit-bearing classroom instruction, leadership laboratories, and physical training.

Student participants in the program must satisfy admissions standards of both Missouri Southern State University and the Missouri Army National Guard. Those who qualify for any of Southern's merit-based scholarships will be eligible to apply those benefits to books, charges, and expenses.

Students will enroll in Southern's regular academic programs, but also will take credit-bearing military science courses offered through the Missouri Army National Guard and fulfill other additional requirements.

To learn more about the program contact:

Dr. Tim Wilson

Justice Building 126B • Phone: 417-625-9858 •

Email: Wilson-t@mssu.edu

Writing Program

Each department is responsible for ensuring that their graduating seniors have achieved a level of writing competency needed to perform effectively in their chosen careers. Students will complete the writing goals established by the faculty in their selected major. Students graduating with the Bachelor of General Studies or the Bachelor of Applied Science degree will be required to complete at least one course beyond **ENG 0101** and **ENG 0102** selected from a list of approved courses.

Student Information

Admissions

Dr. Shellie Hewitt
Dean of Admissions
admissions@mssu.edu
Hearnes Hall 106 • 417-625-9378
mssu.edu/admissions

Admission decisions are based on current admission policies established by the Board of Governors and are made in accordance with the recommendations of the Coordinating Board for Higher Education. Students are encouraged to apply for admission early. Applications are available online at <http://www.mssu.edu/admissions/apply>. Admission requirements are subject to change without notice. Missouri Southern State University encourages students from private, home schooling and non-accredited high schools to contact the Admissions Office for details on how to be accepted into Missouri Southern.

Missouri Southern State University emphasizes the dignity and equity common to all persons and adheres to a strict nondiscrimination policy regarding the treatment of individual faculty, staff, students, third parties on campus, and applicants for employment and admissions. In accordance with federal law and applicable Missouri statutes, the University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, pregnancy, ancestry, age, disability, genetic information, veteran status, or any other legally-protected class, in employment or in any program or activity offered or sponsored by the University, including, but not limited to, athletics, instruction, grading, the awarding of student financial aid, recruitment, admissions, and housing.

Credentials Required for Freshman Admission

Regular Admission

1. **High School Transcript:** An official transcript of high school credits must be filed showing that requirements for graduation have been met. A 6th, 7th or 8th semester rank in class must

appear on the record. The University will accept a satisfactory score on the General Educational Development (GED) or HiSet test in lieu of a high school transcript.

2. **Placement Test:** Missouri Southern participates in the American College Testing Program (ACT). Scores from the enhanced battery must be presented as an admission credential. These tests are administered at nationally approved test centers five times a year. Missouri Southern is a test center. Students over the age of 21 applying as first-time freshmen are not required to submit an ACT score; however, ACT or MSSU placement tests must be taken if no math or English class has been completed prior to enrolling in those classes. Either ACT or SAT scores are acceptable. Students are not required to take a placement test; with no placement test students are enrolled in the lower level math or English course.
3. English class has been completed prior to enrolling in those classes. Either ACT or SAT scores are acceptable. Students are not required to take a placement test, with no placement test students are enrolled in the lower level math or English course.
4. **Application:** Missouri Southern admits students on a rolling basis. Students are encouraged to apply early. The application for admission must be submitted to the Admissions Office one week before the first day of enrollment (see [University calendar](#)). This includes all credentials required by the Admissions Office.
5. **Application Cost:** A payment of \$30 must be included with the application for admission. (This is non-refundable and non-applicable to other college charges.)
6. **Miscellaneous Requirements:** Additional credentials may be required from students whose application credentials raise questions about their acceptability into the student body. While the University makes every effort to give each applicant an opportunity for a college education, it reserves the right to deny admission when the University's ability to meet the need of the student and/or the welfare of the student body is in question. Students who do not attend Missouri Southern within one semester

after making application must submit new credentials when seeking admission.

Transcripts submitted to Missouri Southern State University become the property of the university and cannot be returned to the student or forwarded to other institutions.

Current Admission Requirements for First-Time Entering Freshmen:

An applicant must meet **one** of the following:

- ACT Composite Score of 21 or higher
- Top 50% rank in class
- 2.25 cumulative GPA

Applicants who do not meet one of these requirements will be reviewed by the admissions review committee.

High School Core Curriculum Requirement

The University strongly encourages high school students to follow the Core Curriculum recommendations outlined by the Missouri Coordinating Board for Higher Education. The core includes:

English, 4 units. Two units emphasizing composition or writing skills are required. One unit may be speech or debate.

Mathematics, 4 units. The units must include Algebra I, Algebra II, Geometry and a fourth higher level mathematics course.

Social Studies, 3 units. Courses should include United States history and courses selected from world history, government, geography and economics.

Science, 3 units. General Science does not count. One unit must include a laboratory. Biology, physics and chemistry are strongly recommended.

Visual/Performing Arts, 1 unit. Fine arts courses include such areas as visual arts, music, dance or theatre.

Electives, 3 units. Electives may be selected from world geography, higher level mathematics, additional science, foreign languages (if a language is chosen as an elective, the University recommends 2 units of the same language), advanced placement courses or a combination of the core courses listed above.

Admission requirements are subject to change without notice.

Admissions Review Committee: Individuals who do not meet the University's admission criteria will have their application forwarded to the review committee. The committee may make one of four decisions: grant regular admission, admit on probation with specific conditions, deny admission or admit as a special non-degree seeking student. Students admitted conditionally will work with an assigned advisor for the period of probation.

Individuals who have been convicted of a felony are asked to report this information on the application for admission and provide an explanation to the nature of the felony conviction. Individuals indicating a prior felony conviction will be reviewed by the committee to determine acceptance. If the student is not accepted for admission, an appeal can be submitted in writing to the Dean of Students.

Students With Previous College Experience / Former MSSU Students: Former Missouri Southern State University, Jasper County Junior College and Joplin Junior College students must inform the Admissions Office of their intention to return. Students will be required to update their credentials by using the re-admission application form. No application fee is required.

Readmission of Service Members: Students who cannot attend school due to military service will be readmitted with the same academic status as he/she had when last attending the school or accepted for admission to school. The student must notify the school of their military service and intention to return. The school will make reasonable efforts to place the student in the same program, enrollment status, credit hours, and academic standing.

Transfer Students

Missouri Southern accepts transfer courses from institutions accredited by the following accreditation agencies:

- Middle States Commission on Higher Education
- Higher Learning Commission
- New England Association of Schools and Colleges
- Northwest Commission on Colleges and Universities
- Southern Association of Colleges and Schools
- Western Association of Schools and Colleges

Any reference to accredited institutions or schools in the section below refers to the listed accreditation agencies above. For information on how transfer credits are evaluated or for petitioning for credits for courses from institutions not listed above, refer to the MSSU's Transfer Policies on the Office of the Registrar section of the catalog, updated fall 2023

Transfer Students: Transfer Admission Requirements updated fall 2023

Applicants must meet the following conditions:

1. The student must be in good standing at the institution from which they are transferring.
2. The student must have a cumulative GPA of 2.0 or higher (on a 4.0 scale) for all work attempted.

Any transfer student falling below a 2.0 GPA but above the University's standards of progress may be considered for admission on probation. Individuals who do not meet the University's admission criteria will have their application forwarded to the review committee. The committee may make one of four decisions: grant regular admission, admit conditionally, deny admission or admit as a special non-degree seeking student.

The following credentials must be submitted to the Admissions Office:

1. Official transcripts from all previously attended institutions.
2. Eligibility to return to last institution attended.
3. Payment of the \$30 non-refundable application charge.

4. ACT or MSSU placement tests must be taken if no math or English class has been completed prior to enrolling in those classes.

Transfer students who have been awarded a baccalaureate degree from an accredited U.S. institution or an accepted foreign equivalent have fulfilled all lower division general education curriculum requirements.

Transfer students seeking admission to Missouri Southern State University from colleges or universities not accredited by any of the listed accepted accrediting bodies may be given full recognition for their credits earned when the credit is appropriate to the student's degree programs and after Missouri Southern State University has validated the courses. Applicants must meet the following conditions:

1. The student must be in good standing at the institution from which they are transferring.
2. The student must have a cumulative GPA of 2.0 or higher (on a 4.0 scale) for all work attempted.

Transcripts submitted to Missouri Southern State University become the property of the university and cannot be returned to the student or forwarded to other institutions.

Transient Students: Students in good standing at other colleges and universities may wish to enroll at Missouri Southern for the purpose of transferring back to their institutions the credit earned.

Admission requires completion of the non-degree application form and payment of the \$30 non-refundable application charge. Students wishing to continue course work at Missouri Southern State University must complete the degree seeking admission application and meet admission criteria.

International Students: International students (not citizens of the United States) who wish to apply for admission should contact the Admissions Office or access the Admissions website (www.mssu.edu/admissions) for the proper application forms and instructions. In addition to the **admission credentials** required of all students, international students must satisfy these concerns: (a) academic competency (b) ability to read and speak the English language adequately for college level study and (c) ability to finance the cost of

education at Missouri Southern. All applicants whose first language is not English must prove English proficiency by showing one of the following: a score of at least 68 on the TOEFL Internet-based test (IBT) or an IELTS score of at least 6.0 or a Michigan English Placement Test (MEPT) score of at least 85. The Admissions Office must receive all application and accompanied credentials by the following dates:

Fall Semester July 1
Spring Semester December 1

The English-proficiency requirement also applies to students who are citizens of the United States and who use English as a second language.

International English Program: Students who do not meet the English competency standards on the TOEFL, IELTS or the Michigan Test are required to take courses in the International English Program (IEP) before they can enroll in college level courses. As prerequisite courses the IEP courses are graded and count as hours enrolled/earned in determining student status.

Dual Credit/Dual Enrollment: Dual credit enables qualified high school students to take University-level courses taught by qualified high school instructors. Students simultaneously receive academic credit for the course from both the high school and MSSU. Dual enrollment enables qualified high school students to take University-level courses taught by an MSSU faculty member while simultaneously enrolled in the high school and MSSU. Credit is typically only awarded at the university level; however, students may be eligible to earn high school credit for such courses with approval from the high school district. For more information about the program, students should contact the Office of Academic Outreach, Webster Hall room 116, phone 417-625-9785.

Admission to Selective Programs

The Health Sciences: (Nursing, Dental Hygiene, Radiology, Respiratory Therapy): Admission to Missouri Southern does not automatically confer admission to the programs of Nursing, Dental Hygiene, Radiology, and Respiratory Therapy. In addition to meeting the admission requirements for the University, candidates who are interested in

these health career programs are required to apply for admission to the department. Application forms may be obtained from the specific departments, all located in the Health Sciences Building.

Applications should be submitted by January 31 preceding the fall semester in which the student wishes to enroll. Each application is reviewed by the Admissions Committee of the respective department. See [Nursing](#), [Dental Hygiene](#), [Radiology](#) or [Respiratory Therapy](#) for full information on admission and acceptance criteria. Additional information is required for admission into the [Paramedic](#) program.

Teacher Education: Admission to Missouri Southern does not automatically confer admission to the Teacher Education Program. In addition to meeting the admission requirements to the University, candidates interested in the Teacher Education Program are required to apply for admission to the Teacher Education Department. For more details, please go to the MSSU [Teacher Education](#) website.

Social Work Program: In addition to meeting the admission requirements for the university, candidates interested in the Social Work degree are required to apply for admission to the program. For more details go to the MSSU [Social Work](#) website.

Honors Program: This program is intended to encourage academic excellence by providing special opportunities and challenges for exceptional students. Entrance into the program is by invitation. Interested students should write the Director of Honors Program for an application form.

Special Admission: A student who wishes to enroll in college but does not meet regular admission requirements may be permitted to enroll in classes as a non-degree seeking student. College hours completed in this status cannot be counted toward a degree until the student meets regular college admission criteria. Special admission classification is not eligible for financial aid.

Students who possess a high school diploma or GED may request reclassification by achieving one of the following:

1. Meeting all of the University's admission criteria.

2. Successfully completing 21 hours with a 2.0 GPA.

Students without a diploma or GED must complete 59 hours with a 2.0 GPA before a request for reclassification can be considered.

65-Plus Program: The 65-Plus Program is designed to serve interested individuals 65 years of age and over. Community residents may enroll in a course on a space-available basis without providing previous transcripts (unless a prerequisite must be met). Compliance with course prerequisites is necessary and is the student's responsibility. Actual enrollment into the classes are processed by the Office of the Registrar two days prior to the start of the term. Information concerning enrollment times, reduced charges and tuition costs can be found in the University schedule. Courses are for audit only and can be traditional on campus on-campus or hybrid classes. If a student desires to become a regular student, he or she must make application to Missouri Southern for future semesters.

For information regarding admission to the 65-Plus Program, email the Office of Admissions at admissions@mssu.edu or call 417-625-9378.

Student Success Center

studentsuccesscenter@mssu.edu
mssu.edu/student-affairs/student-success-center

The mission of The Student Success Center guides, supports, and promotes students overall academic, career, and personal well-being.

Experienced professional staff including licensed professional counselors provide a wide range of services including academic advising, academic coaching, academic recovery, career counseling, disability services, free time-limited confidential mental health counseling and referral services, student employment, student orientation, special student population programming, tutoring, and the University Experience curriculum. updated fall 2023

Advising Services

Craig Thompson, Director

Hearnes Hall 308 • 417-625-3550

MSSU Academic Advising Mission

Advising Services facilitates students' major exploration and their development of decision-making skills for a timely and cost-efficient degree completion.

Vision

Advising Services will foster intentional and purposeful engagement of major exploration activities and guide students to declare a major by the end of their general education requirements, while encouraging students to take advantage of the opportunities the university provides. Additionally, advising services will continue to promote their support for students of all populations.

Professional academic advisors work with students under the guidance of the MSSU Academic Advising Syllabus annually updated by the Academic Advising Council.

Services provided include:

Working with Undecided, Exploring Students or students pursuing Bachelor of General Studies or Bachelor of Applied Science.

Students who have not declared an academic major area of study or students pursuing Bachelor of General Studies or Bachelor of Applied Science degree are assigned an academic success coach in the Student Success Center. Advisors work closely with students in exploring their educational and degree options. The responsibility for satisfying all requirements rests with the student. Advisors, faculty and administration assist in meeting this responsibility.

Working with Students with Declared Majors

Students who have declared an academic major, will be assigned to a faculty member in the department of their major. Advisor assignments are made at the departmental level. Advisors are available to provide supplemental or general advising in the absence of faculty advisors or as needed by the student.

Career Exploring

Students who are uncertain of their major are encouraged to explore majors and careers by:

1. Enrolling in a Career Exploration and Life Planning course (**UE 0105**),- a course designed to assist students in the career planning process, and/or
2. Meet individually with an academic success coach in the Student Success Center to identify, understand and explore academic/career related concerns.

Academic Support to Student Athletes

Academic success coaches are available to provide the unique academic support required by student athletes.

Advising support for Distance Learning Students

Academic success coaches provide advising support to students who are taking all their classes online by providing online forms to address enrollment and single course withdrawal requests, addressing general advising questions or challenges, connecting them with their declared advisor or staff in their declared major.

Student Success Early Alert Programs

Lion Alert

Lion Alert is one of the three Student Success early alert programs intended to support and assist students who may be having difficulties. It is a confidential online referral system for faculty, staff, students, and guests to refer students who are struggling or students for whom they have concerns. Students can self-refer to get help as well.

Appropriate support staff will reach out to referred students and offer the appropriate support or assistance. Early referral and outreach to referred students allows for resources to be provided before there is a prolonged struggle. Referrals are made online through Missouri Southern's LioNet portal with guest access through the MSSU website at lionet.mssu.edu/web/guest/lion-alert.

Mid-Term Grades

Mid-term grades support Missouri Southern State University's commitment to student success. Mid-term grades are indicators of a student's progress. Mid-term grades are informational only and are to be used only as a gauge of current progress in a specific class. Mid-term grades will not appear on or become part of the student's permanent academic transcript. Mid-term grades are only provided for 16-week courses and are considered an advising tool. Students with "D" or "F" grades are advised of poor academic performance and provided with the tools to make an informed decision about how to improve their grades.

Mid-term grades are reported to students through the University's LioNet portal.

Academic Recovery

Academic Recovery is an early alert support program designed to assist freshmen students whose GPA falls below the minimum standards of academic progress and for students admitted on academic probation. The program aims at enhancing academic success through a variety of academic success services including personalized academic success plans, individual academic coaching, strategic workshops and periodic progress checks. This program is not a class; it is an academic support system.

For more information regarding the Student Success Early Alert programs, contact the Student Success office at 417-625-3550, Hearn Hall 308.

Career Services

Alex Gandy, Director
Hearn Hall 308 • 417-625-9343
careerservices@mssu.edu
mssu.edu/student-affairs/career-services

Personalized Assistance

The Career Services Office offers individual appointments to assist in the creation and customization of resumes and cover letters for the job market and assists in the completion of employment and graduate school applications. All services are offered free of charge to MSSU students and alumni. Visit mssu.edu/career to view

a complete schedule of events or to access online resources. The Career Services Office assists students in:

- Choosing a major or career path
- Developing personal career goals
- Preparing for and navigating the job market
- Networking and navigating employment situations

Online Resources

Visit mssu.edu/career to access online resources:

- **Hire a Lion:** Online job network designed to connect MSSU students and alumni with employers offering full-time, part-time, internship, and volunteer opportunities.
- **Optimal Resume:** Web-based system designed to assist with the creation of high-quality resumes and cover letters. The mock interview module allows users to view sample interview questions and answers, then record responses for self-critique.
- **Job Shadowing:** The Career Services Office connects students with community professionals to gain first-hand knowledge about career paths and work environments.
- **Mock Interviews:** The Career Services Office offers online and in-person mock interviews to assist students in preparing for a variety of interview scenarios.
- **Career Events:** The Career Services Office hosts a variety of career events throughout the year. Event details can be found online at mssu.edu/career.
- **Southern Leadership Academy:** The Southern Leadership Academy introduces participants to the community and career opportunities while providing professional and leadership development. Anyone who has a genuine interest in community leadership and wants to broaden their scope of knowledge beyond their current level is encouraged to apply for the Southern Leadership Academy. Students interested in applying must be enrolled in a minimum of six hours at Missouri Southern State University and complete the application process. More information and full program requirements can be found at mssu.edu/SLA.

For more information on Career Services, check out: <http://www.mssu.edu/student-affairs/career-services>

Counseling Services

Heather Bullock, Lead Mental Health Counselor
Hearnes 308 • 417-625-9392

counselingservices@mssu.edu
mssu.edu/student-affairs/advising-counseling-testing-services/counseling-welcome.php

Counseling Services promotes the personal growth and success of students by fostering their intellectual, personal, and psychological well-being.

Licensed Mental Health Counselors provide time-limited free confidential in-person counseling to currently enrolled students who may be struggling with a wide variety of mental health concerns such as, relationship issues, anxiety, stress, depression, adjustment issues, grief, trauma or body image concerns, as well as every day stressors. Students may email counselingservices@mssu.edu, call 417-625-9392 or stop by Hearnes Hall 308 to schedule an appointment.

Consultation and Referral

Mental Health Counselors are available, upon request, to provide consultation to the administration, faculty, staff and students. The staff also will facilitate referrals to outside agencies and to licensed professionals as needed.

Emergency

Crisis Intervention is provided to deal with situations requiring immediate attention. Outside of normal working hours, dial 911 for emergencies. For more information about being safe on campus visit www.mssu.edu/student-affairs/university-police.

Other Services

Outreach: Special programs and workshops designed to define and/or to prevent problems and to improve the quality of college life are presented. These offerings provide information, techniques and skills relevant to specific topics of interest such as:

stress management, test anxiety, self-esteem and building successful relationships.

Student Disability Services

Lori Musser, Coordinator for Student Disability Services

Hearnes Hall 308 • 417-.659-3725

musser-l@mssu.edu

mssu.edu/student-affairs/disability-services

Missouri Southern State University strives to assure that no qualified person with a disability shall, solely by reason of the disability, be denied access to, participation in, or the benefits of, any program or activity operated by Missouri Southern.

Reasonable accommodations are provided to ensure equally effective access to the University. Access can mean many different things. On one level, we are a "young" campus, our buildings are all accessible. Each building is equipped with automatic door openers, elevators and accessible facilities. Access also applies to what happens in the classroom. Our instructors are committed to a meaningful learning environment for all students. Qualified students with documentation may access services such as note takers, electronic textbooks, testing outside the classroom, sign language interpreters, enlarged materials, assistive technology and equipment, etc.

A student seeking accommodation must make his/her request to the Coordinator for Student Disability Services. Preferably, the student will make this request in person. If it is not feasible for the student to meet in person, the request for accommodation can be made in writing or via electronic mail with appropriate identification. Requests for accommodation made to University personnel other than the Coordinator will not be supported by the Student Disability Services Office.

The request for accommodations should be made far enough in advance to allow for adequate time to respond to the request. The time required to put accommodations into place will vary with the type of accommodation. For example, arranging to take a test in the Student Success Center requires 48 hours' notice. Requesting a sign language interpreter should be done at least three months prior to the start of classes to insure the availability of an

interpreter. The specific time allowances and how to request different accommodations can be found in the Student Disability Services Policies and Procedures, Procedure 6.00, available from the Coordinator for Disability Services or on the website: www.mssu.edu/student-affairs/disability-services/.

All students are asked to provide documentation when requesting accommodations for two reasons (1) to establish that the individual is a person with a disability (2) to determine appropriate accommodations. The documentation must establish that the person has a substantial limitation in a major life activity and is therefore an individual with a disability. Documentation may be required from more than one professional source in order to clearly identify the need for accommodations for individuals with multiple disabilities.

All documentation, regardless of source, should contain the following six essential features:

1. A diagnostic statement identifying the disability, date of the current diagnostic evaluation and the date of the original diagnosis.
2. A description of the diagnostic criteria or diagnostic tests used.
3. A description of how the disability affects one of the major life activities and the current functional impact of the disability.
4. Treatments, medications, assistive devices/services currently prescribed or in use.
5. A description of the expected progression or stability of the impact of the disability over time should be included.
6. Information describing the certification, licensure and or the professional training of individuals conducting the evaluation.

The age of the documentation will vary dependent on the type and nature of the disability. This variance occurs because some disability-related needs are static while others change rapidly. Detailed guidelines for documentation for each area of disability are available from the Coordinator.

The Coordinator shall make determination of reasonable accommodations for students based on appropriate documentation provided by the student. The authority to make such decisions on behalf of

the institution has been assigned by the Vice President for Academic Affairs.

Once appropriate documentation has been supplied to the Coordinator and the determination has been made that the documentation supports the need for accommodation, the student and Coordinator will draw up an Accommodation Plan. The Accommodation Plan will remain in effect until either (1) the plan's date of expiration passes or (2) the student requests an accommodation not previously listed on the plan. In the event of the second, the Accommodation Plan will be adjusted in accordance with the student's documentation supporting the request.

The student is responsible for notifying faculty of any accommodations that he or she may be accessing in relationship to the faculty member's class. The student will be given a memo from the Coordinator detailing the authorized accommodations.

If the accommodations listed in the Accommodation Plan are not provided or are not effective in providing equal access, the student or faculty member should follow the procedures for filing a grievance listed in Policy and Procedure 9.00. All other issues (i.e. housing, sporting events, facility access, etc.) should follow the grievance procedures outlined in Procedure 9.02. The Grievance Procedures are available from the Coordinator, the Associate Vice President for Student Affairs, or our website: www.mssu.edu/student-affairs/disability-services/.

First-Year Experience

Stephanie Hopkins, Director of Student Success
Hearnes Hall 308 • 417-.625-3550
studentsuccesscenter@mssu.edu
mssu.edu/student-affairs/student-success-center

The mission of the First-Year Experience program is to facilitate the transition and integration of new students into the intellectual, cultural, and social climate of the institution.

Philosophy Statement for the First-Year Experience

Missouri Southern State University is committed to making the first year of college a success for each student. This is translated into action by fostering five components:

- a smooth transition into university life;
- a sense of shared responsibility;
- a challenging and stimulating learner-centered academic environment;
- a sense of inclusive community;
- a comprehensive support program of personnel and resources.

The University facilitates the transition to higher education from diverse life experiences and develops lifelong learners for intellectual, cultural and social exchanges. The responsibility for student learning is shared by all members of the campus community. The University's liberal arts foundation prepares students to become knowledgeable, critical thinkers who can meet the challenges and responsibilities facing global citizens. Missouri Southern fosters a sense of community, campus spirit and support for its first-year students by promoting connections with faculty, administrators, support staff and peers. Continuous quality assessment of each of the components is conducted so that necessary changes are implemented to maximize the first-year experience.

Missouri Southern's philosophy for the first-year experience is put into action in numerous ways. The faculty and staff members provide a friendly and helpful approach to each student learning experience. First-year students have opportunities to participate in activities and events designed to introduce them to others and campus life.

The First-Year Experience Program has been established to help achieve the goal of beginning student success through several avenues, including the **UE 0100 The University Experience** course for all beginning students, Learning Communities, and the **UE 0400 Leadership Training I** and **UE 0401 Leadership Training II** courses for course assistants.

UE 0100: The University Experience is a fundamentals course designed to assist first year students in successfully defining themselves both as active participants in the MSSU community and as citizens of a twenty-first century global community. The course offers information on university

personnel, facilities, services, policies, study skills and MSSU's international mission and international study opportunities. Student participation in co-curricular activities is required. The course is taught by an instructor with the assistance of a course assistant. The course assistant serves as an example and a resource for the first-year students.

Learning Communities

A Learning Community is a group of courses that students take together. Learning Communities are comprised of a University Experience 100 course (required for all first-year students) and one general education or major requirement course. In addition to attending classes, students enrolled in a Learning Community also participate in social activities together. Being a part of a Learning Community is a great way to make friends and form study-groups with like-minded students.

Course Assistant Program

Course Assistants (CAs) are upper-level students who share their insights and experiences with entering students in the University Experience class. Their recent experiences and success in the academic environment make them effective role models. Upper-level students apply for the assistant position and receive training through **UE 0400 Leadership Training I/UE 0401 Leadership Training II**.

Tutoring

Amy Cawood, Coordinator
Hearnes Hall 308 • 417-.625-3550
studentsuccesscenter@mssu.edu
<https://www.mssu.edu/student-affairs/student-success-center/tutoring-schedules.php>

Tutoring is free to all MSSU students. The Tutoring Lab for most subjects is located in Hearnes 317, and the Writing Studio is located in Hearnes 301A. Walk-ins are welcome, or students can sign up for an online or in-person appointment by contacting the Student Success Center. Tutoring is offered for various subjects, including Biology, Chemistry, Math, Nursing, Physics, Respiratory Care, Spanish, and Writing. Tutors can also help students develop general academic skills, such as exam preparation,

study methods, and written and verbal communication.

Campus Card "Lion Card"

Chris Owens
Campus Card Services Manager & Assistant
Bookstore Manager
Billingsly Student Center • 417-659-5463
lioncard@mssu.edu
mssu.edu/lioncard

Lion Card ID's are conveniently received in the MSSU Bookstore. Your ID photo is either taken in person or can be submitted in advance, online, through LioNet. Either way, you must show a government issued photo ID when receiving your Lion Card.

While visiting the Bookstore, you may also place value in a Lion Bucks debit account, obtain a parking permit or shop for MSSU merchandise.

Lion Card

The Lion Card is a single-card solution that serves as MSSU's official MSSU identification and tracks meal plans, as well as providing debit account (Lion Bucks) capability, facility access control and access to campus venues such as the Beimdiek Recreation Center.

In order to take advantage of the debit account capability of the Lion Card, cardholders activate the Lion Bucks account by making their first deposit. Deposit options are:

- Online - Login to LioNet and select the link "Manage My Lion Card".
- By kiosk machine located in the Library. The kiosk only accepts cash and does not give change.
- In person during office hours at the Bookstore located in Billingsly Student Center or the Bursar's Office located in Hearnes Hall room 105.

Lion Bucks can be used to purchase goods and services at the following venues:

- MSSU Bookstore

- *Food locations: Lion's Den, Mayes Dining Hall*
- Willcoxon Health Center
- Office Services printing and shipping
- Printing at open campus computer labs including the Library

*(Accountholders receive a 10% discount for using Lion Bucks at these locations)
Complete terms and conditions can be found online at mssu.edu/business-affairs/lion-card/terms-conditions.php.

In addition to Lion Bucks purchases, the Lion Card system controls access to: Beimdiek Recreation Center, Willcoxon Student Health Center services and Spiva Library resources.

Parking Permits

Any motorized vehicle parked at Missouri Southern needs a parking permit. Parking permits are available at the Bookstore or University Police office free of charge. Permits are assigned to vehicles and may not be transferred from vehicle to vehicle. Permits do not expire and only need to be updated if you change the license plate, replace the rear window or obtain a new vehicle. updated fall 2023

Discounts

Lion Card holders can receive discounts at many attractions, local and online business. Please refer to www.MSSU.edu/lioncard for an updated list of discounts.

Financial Aid

Becca Diskin
Director of Financial Aid
Hearnes Hall 109 • 417-625-9325
finaid@mssu.edu
mssu.edu/student-affairs/financial-aid/index.php

Mission

The mission of the Financial Aid Office at Missouri Southern State University is to enable students to successfully complete a university education regardless of their financial background. The

Financial Aid Team strives to keep students informed of current government regulations, to foster open communication between staff and students, and maintain positive customer service.

Missouri Southern participates in a variety of aid programs to assist qualified students who would otherwise not be able to attend the University. These funds - from private, institutional, state and federal sources - are coordinated to meet the individual student's need. There are programs based on various criteria such as financial need, performing ability and academic excellence. Each program has requirements for maintaining the award and students must meet satisfactory academic progress guidelines for continued assistance. It should be noted that institution standard requirements must be equal to or greater than federal aid. Foreign students are required to present a financial statement certifying they have sufficient funds to pay for all educational expenses. Information in this catalog regarding financial aid is subject to change without notice. Missouri Southern reserves the right to adjust a student's financial aid package to reflect a true change in the student's financial situation. Financial aid awards are subject to changes in institutional policy and State and Federal regulations.

For applications and detailed information concerning financial aid, view our website. There is a wealth of financial aid available in many forms from a variety of sources.

How to Apply for Financial Aid

1. All applicants must complete the Free Application for Federal Student Aid (FAFSA) and request an FSA ID username and password which will be used in processing federal documents. MSSU requires the electronic application at www.fafsa.gov, where you may request an FSA ID. Likewise, all applicants must have a current e-mail address where financial aid information will be sent. Application deadline for priority processing is February 1; however, all applications will be processed. The FAFSA will generate a Pell Grant, if applicant is eligible and will be used to determine eligibility for student loans, federal work-study and the Access Missouri Program.

Students who have not submitted all necessary financial aid documentation by February 1 for the Fall term, November 1 for the Spring term and March 1 for the Summer term are expected to pay their charges in full by the published due date.

2. Applicants selected for verification must provide additional documents requested (such as Federal Income Tax Transcript) to the Financial Aid office. Requested documents must be on file before any aid will be processed.
3. Applicants for PLUS loans must contact the Financial Aid Office for special instructions.
4. Applicants for Foundation Scholarships must complete a scholarship application online by December 15 for the upcoming fall term.
5. Transfer students must request an academic transcript for each college or university previously attended and have it evaluated by the Office of the Registrar so aid can be processed accurately. If a student transfers in the middle of an aid year, they must request that all remaining financial aid disbursements be cancelled so their aid can be processed at MSSU.
6. Applicants for performance awards should contact the director of the program in which they wish to participate.
7. Applicants for special programs should contact the Financial Aid Office for instructions.
8. All students receiving any type of institutional scholarships or other types of aid processed through the Financial Aid Office must confirm citizenship or lawful presence within the United States of America.
9. See <http://www.mssu.edu/student-affairs/financial-aid/scholarships/index.php> for more information on MSSU scholarships.

Repayment Notice for Federal Financial Aid

Students who withdraw **through** the 60% completion of the semester will be subject to repayment of part or all of their aid, as determined by federal regulations. This includes official and unofficial withdrawals stemming from student's last date of attendance **through** the 60% of semester earned.

Students will be notified in writing of any amount due as a result of withdrawal. A hold will be placed

on the student's account until repayment is made in full.

Students must make repayment of their portion of financial aid within 45 days. Failure to make repayment within 45 days will result in:

1. Referral to the federal government for collection.
2. Ineligibility for federal financial aid from all colleges and universities until the overpayment of aid and interest due is paid to the U.S. Department of Education.

Policies and Regulations

Academic Standards: Federal Aid

In order to remain eligible to receive Title IV Funding*, a student must be making satisfactory academic progress. Grade-point average, pass rate, and the time frame that a student takes to complete a normal educational degree program are factors which must be evaluated when measuring satisfactory academic progress.

*Title IV funds consists of Federal Pell Grant, Federal College Work-Study, Federal Direct Subsidized and Unsubsidized Loans, Federal SEOG, Federal TEACH Grant, and Federal PLUS Loans. Most State Aid Programs also require satisfactory academic progress.

Students must maintain a 2.0 cumulative GPA (3.0 if pursuing a Master's degree) and successfully complete 67% of the courses they have attempted to remain eligible for federal financial assistance. Attempted hours include hours earned, hours transferred in from other schools, hours which are attempted at another institution which are not transferable, hours withdrawn, hours audited, repeated courses, failed courses and pass/fail credit courses. Successful completion is defined as the absence of failing grades and voluntary or involuntary withdrawals. Satisfactory academic progress is monitored on a semester basis. Students who fall below the required 2.0 cumulative GPA at 60 attempted hours and/or the 67% completion rate lose eligibility for federal financial assistance the following term. Students may be granted a one semester warning period. At the end of the warning

semester, the student must meet the cumulative grade point and credit hour completion requirements based upon hours attempted and earned, in order to avoid being placed on financial aid suspension.

Students who fail to make progress during the warning period will be ineligible to receive federal financial assistance until the student obtains the required 2.0 GPA and 67% course completion rate. Students who successfully complete a plan of study will remain eligible for financial assistance as long as they do not withdraw from classes and continue to pass all coursework with a grade of 'C' or higher (or maintain required GPA), and improve completion ratio. Should a student's instructor report that a student has never attended or has stopped attending a course while the student is on warning, the student is no longer eligible to receive federal financial assistance.

Although students will be notified in writing should they fall below satisfactory academic progress standards, it is the student's responsibility to know their academic standing in regards to this policy. Failure to receive notification does not dispute or reverse the termination of a student's eligibility to receive financial assistance.

In addition, the federal government requires an institution to establish a time frame in which a student must complete their degree program. Undergraduate students seeking an associate's degree must complete their program within 93 attempted hours. Students seeking a baccalaureate degree must complete their degree program within 180 attempted hours. Students seeking a certificate must complete their program within 150% of the required credit hours needed. Students pursuing a master's degree must complete their program within 54 attempted hours. Students are no longer eligible for aid when they reach the hour limit.

Once an institution is aware that a student cannot complete their degree program within the established time frame, the student is no longer eligible to receive federal financial assistance. Students approaching the maximum time frame (160 attempted hours for baccalaureate students) are required to submit a Plan of Study Form to the Financial Aid Office. Financial assistance will be delayed until this form is reviewed and it is

determined that the student can complete their program of study before exceeding the maximum limit.

Students may submit a written appeal to the Financial Aid Office if there are documentable extenuating circumstances that caused the student to not meet the required satisfactory academic progress standards. Appeals may be submitted online or in writing with documentation to explain the validity of the appeal and circumstances which caused the student to not meet the required standards.

Other Duties and Responsibilities of Financial Aid Recipients

Missouri Southern operates on a financial aid database system which processes applications and awards electronically. It is to the applicant's advantage to use forms and applications which are capable of processing data electronically. The electronic system requires student signatures or electronic use of Federal Personal Identification Numbers (PINs) so they can update application data, sign promissory notes, perform entrance counseling and exit counseling and make corrections. "S" IDs and Passwords to access LioNet are used to view billing, requested documentation, award acceptance and financial aid messages before funds can be processed. In addition, students must maintain a current email address and monitor it for requested documentation, award information, notices and correspondence from the Financial Aid Office.

Students must report the following changes to the Financial Aid Office:

1. withdrawal from all classes during a semester,
2. added or dropped classes during the semester,
3. a name change,
4. change of address or email address or change of parents' address,
5. transfer to another college.

Financial aid funds will be credited to the student account. Once all direct university costs have been satisfied, balance funds will be disbursed to the student starting with the end of the third week and every week thereafter throughout the semester.

MSSU offers two options for students interested in working on-campus: work-study student employment and regular student employment. Students seeking on-campus employment should contact the Student Employment office in Hearn Hall, or visit [MSSU.edu](https://mssu.edu) and search "Hire a Lion".

Veteran Services: Military Service Members, Veterans and Dependents wanting to use their VA Education Benefits must sign up prior to or at the beginning of each semester. The Veteran Services Office is located in the Financial Aid Office. Students can send inquiries to veterans@mssu.edu or review the webpage www.mssu.edu/veterans for additional information.

Intercollegiate Athletics

Rob Mallory
Athletics Director
North Endzone Facility 212 • 417-625-9317

The purpose of the Missouri Southern Athletics Department is to empower student-athletes with the confidence and ability to succeed in life as well as on the playing field. The Athletics Department feels its most important responsibility is to assist its student-athletes in reaching their highest potential as they strive for excellence academically, athletically and socially within a diverse and challenging society.

We are proud to be NCAA Division II members. The Division II membership as a whole prides itself on finding balance in the world of collegiate athletics. Student-athletes in the Division II ranks can compete at very high levels athletically, but more importantly are encouraged to fully apply themselves toward getting a quality education and ultimately a college degree.

In addition to being an NCAA Division II member, Missouri Southern participates in the Mid-America Intercollegiate Athletics Association (MIAA). We annually enroll nearly 550 student-athletes and our university teams compete on the intercollegiate level in baseball, basketball, cross country, football, golf, soccer, softball, track & field and volleyball.

Collegiate athletics in general receives tremendous media coverage and public attention. We in the Missouri Southern Athletics Department intend to use this public stage to bring positive attention to Missouri Southern State University as a whole. We will accomplish this goal by being active in our community, by engaging our community and fans by competing with tremendous effort on our fields of play and by encouraging our student-athletes to conduct themselves with Lion Pride.

NCAA Student-Athlete Affairs

The mission of the NCAA is to maintain intercollegiate athletes as an integral part of the campus educational program and the athletes as an integral part of the student body.

The NCAA Student-Athlete Affairs unit provides life skills support in the areas of academics, athletics, personal development, career development and service through the distribution of accessible resources, strategic partnerships and customized programming. Student-Athlete Affairs programs, resources and events are designed to promote the well-being and development of student-athletes and to provide on-going education and training to athletics professionals who identify and serve student-athlete needs.

Missed Class Policy Due to Athletic Events

Whenever possible, athletic events should be scheduled to avoid missed class time by student-athletes. If a class must be missed due to an athletic event, the student-athlete is expected to inform the instructor(s) in advance and is responsible for all information, tests, materials and assignments missed. Student-athletes are expected to complete assigned work prior to departure for competition, unless the instructor has agreed to other arrangements. Student-athletes should make all efforts to avoid other absences.

Scheduling of Nonconference Competitions During Finals Week

Nonconference competitions, excluding postseason/championship competitions, shall **not** be scheduled during Finals Week. Exemptions to this

policy will be considered by the Intercollegiate Athletics Committee (IAC). The Athletic Director will present the case for proceeding with the exemption. The IAC will make the final decision on the exemption.

Academic Excellence

The top priority of Missouri Southern is that all student-athletes obtain a well-rounded education and earn an undergraduate degree. The Student-Athlete Success Program academic counseling unit is located within the office of Advising, Counseling & Testing Services (ACTS).

Goal

Our goal is to maximize academic potential by providing an atmosphere that enhances: learning skills, career development and personnel counseling. Each student-athlete is held accountable for his/her academic performance. The Student Success staff will work hard to provide support needed for athletes to be successful students.

Ongoing process includes:

- Monitoring and reporting on academic and eligibility progress hours
- Assisting in the registration of freshman and sophomore athletes
- Referring student-athletes for tutoring, counseling or other academic assistance
- Helping student-athletes to maintain a balance between personal, scholastic and athletic lives.

These services are intended to help student-athletes reach their goals by providing the information and guidance that will enable them to use existing campus resources to enhance their academic performance.

Recreational Services

Steven Benfield
Director of Campus Recreation
Billingsly Student Center 241 • 417-625-9760

Cindy Webb
Director of Fitness
Billingsly Student Center 241 • 417-625-9878
MSSU 2023-24 Catalog

mssu.edu/student-affairs/student-life/recreation

The Department of Recreational Services is comprised of six program areas under the Division of Student Affairs. The purpose of Recreational Services is to provide a wide variety of fitness, wellness, recreational, outdoor and sport related activities to the university community. The Campus Recreation Program offers activities for students, faculty, staff and their families. Recreational Services also offers activities on various days and times in an attempt to meet the needs of traditional and non-traditional students. Recreational Services conducts programming in the following areas: Intramural Sports, Wellness, Fitness, Aquatics, Outdoor Adventures, Open Recreation and Special Events.

Prevention Outreach

Missouri Southern actively participates in the statewide coalition Partners in Prevention (PIP). PIP's mission is to create a campus, city and state environment that supports responsible decision making in regards to alcohol by the college students who attend the public higher education institutions in the state of Missouri. PIP's focus is on decreasing at-risk drinking by students on Missouri's college and university campuses.

Registrar

Faustina Abrahams
Registrar
Hearnes Hall 101 • 417-625-9389
registrar@mssu.edu
mssu.edu/student-affairs/registrar

Mission: The Office of the Registrar vows to uphold the integrity of student academic records as required by university, state, and federal requirements on a fair and consistent basis following industry best practices.

Assessment: Though the Office of the Registrar assesses student learning by teaching freshmen how to use their Degree Works audit to track their progress towards a timely graduation.

Student Learning Objectives for Degree Works

1. Demonstrate ability to access a degree works audit
2. Demonstrate ability to identify the key components of a degree works audit
3. Demonstrate ability to use the Degree Works legend to track progress towards meeting degree requirements.

Services: The Office of the Registrar provides a wide variety of services for current, prospective, alumni, faculty, staff, and other parents/guardians of students, and other external constituents. Below is a listing of some of the services.

Services for students

- Student Academic Record-keeping and maintenance
- Enrollment support
- Enrollment Confirmation - required each semester and completed in LioNet
- Enrollment Certification - available through LioNet
- Re-enrollment for class drops for non-attendance/non-participation
- Single/Partial course withdrawal processing - form available online or in-person
- Graduation application and checklist processing - application available through LioNet
- Degree conferral
- Commencement event planning
- Academic Petition processing
- Academic Suspension Appeal processing - form available online
- Academic Bankruptcy Appeal processing - form available online
- Name change processing - form available online
- Address change processing - form available online
- Major and minor changes processing - form available online
- Degree Works programming and upkeep
- Transcript Request support
- Transfer Articulation
- Missouri Reverse Transfer program
- Transfer Guide Resource maintenance
- Alternative credit processing (e.g. CLEP, AP, and IB credits)
- Student athlete NCAA academic continuing eligibility support

- FERPA compliance notification and administration

Services for academic departments, faculty, and advisors

- Curriculum creation and maintenance
- Registration set-up
- Degree Works Programming
- Midterm and final grade processing
- Change of grade processing
- Master Advisor Training
- Advising consultants to academic advisors
- Last date of attendance report processing
- Academic petition processing
- Graduation checklist process
- FERPA compliance notification and administration

FERPA Annual Notification

The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. (An "eligible student" under FERPA is a student who is 18 years of age or older or who attends a postsecondary institution at any age.) These rights include:

1. The right to inspect and review the student's education records within 45 days after the day Missouri Southern, Office of the Registrar receives a request for access. A student should submit to the Registrar a written request that identifies the record(s) the student wishes to inspect. The Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Office of the Registrar, the Registrar shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to ask Missouri Southern to amend a record should write to the Registrar clearly identifying the part of the record the student wants changed and specify why it should be changed.

If Missouri Southern decides not to amend the record as requested, Missouri Southern will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

1. The right to provide written consent before Missouri Southern discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent, including disclosures to school officials with legitimate educational interests and other circumstances set forth below.
2. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Missouri Southern to comply with the requirements of FERPA. The name and address of the office that administers FERPA is: Student Privacy Policy Office, U.S. Department of Education 400 Maryland Avenue, SW Washington, DC 20202.

Limitations on rights to inspect and review education records. There are limitations to the right to review education records. For example, the institution is not required to permit students to inspect and review the following:

- Records which do not contain educational information or do not fall into the category of educational records because of how the records are maintained.
- Financial records of the student's parents.
- Confidential letters and confidential statements of recommendation placed in education records prior to 1975 if they are used as intended.
- Confidential recommendations or receipts of honors if the student has waived the right of access to such information.
- Documents containing information on more than one student.
- The right to review does not include the right for obtaining copies

What is an Education Record under FERPA?

"Education records" are records which contain information directly related to a student and that are maintained by Missouri Southern or a party acting for or on behalf of Missouri Southern. These records include, but are not limited to, grades, transcripts, class lists, student course schedules, student financial information and student discipline files. The information may be recorded in any way, including, but not limited to, handwriting, print, computer media, videotape, audiotape, film, microfilm, microfiche, and e-mail.

Who is an Eligible Student for whom FERPA regulations apply?

The law applies to all Missouri Southern enrolled students, regardless of age, once they begin attending classes.

The law applies to all education records created on or after the date a student begins to attend class. The law continues to apply to those records even after the student has graduated or left Missouri Southern, although it does not apply to records created after the student has graduated or is no longer enrolled.

The law ceases to apply to all previously covered education records upon the death of the student.

Who is a Missouri Southern School Official?

FERPA allows disclosure to school officials with a legitimate educational interest. Typically, a school official has a legitimate educational interest if the official needs to review an education record to fulfill their professional responsibilities for Missouri Southern. Missouri Southern school officials include all employees of the institution, members of the board of governors, students serving on official committees, such as a disciplinary or grievance committee, Alumni staff, or Foundation staff. School officials also include volunteers or contractors outside of Missouri Southern (for example, National Student Clearinghouse, publishers, attorneys, healthcare workers, and software vendors) who perform an institutional service or function for which the school would otherwise use its own employees and who are under the direct control of the school with respect to the use and maintenance of PII from

education records, such as an attorney, auditor, financial aid lenders, collection agent, or a student volunteering to assist another school official in performing their tasks.

What constitutes Legitimate Educational Interest?

A legitimate educational interest means that the person or organization needs to access, review, or use the educational record to perform their task and fulfill their professional responsibilities for the institution.

Missouri Southern State University Directory Information

Directory Information at Missouri Southern may be made available to the public unless the student completes a [Privacy Request](#) form in the Office of the Registrar.

Students need to carefully consider the implications of having a Privacy Request on file. With a Privacy Request invoked, any future request to release Directory Information to non-institutional persons or organizations will be declined. The institution will honor your request to withhold Directory Information each semester but cannot assume responsibility to contact you for subsequent permission to release the information. Regardless of the effect upon you, the institution assumes no liability for honoring your privacy request. Consequences could include exclusion of student names from Commencement programs and publication of honors and awards.

This restriction does not apply to other permitted disclosures under FERPA, including disclosures to school officials who have a legitimate educational interest in the education record.

List of Directory Information:

Student's name, Student identification number, Hometown (city, state), Address (campus and permanent)

University email address, Telephone listing (local), Photographs and videos taken or maintained by Missouri Southern in public or non-classroom

settings, Place of birth, Major and/or minor field of study

Classification level (e.g., freshman, sophomore, graduate student), Dates of attendance, Enrollment status (full-time or part-time), Degrees, Honors and awards received, Participation in officially recognized activities and sports, Appropriate athletic statistical data, Most recent previous educational agency, or institution attended, Next of kin or spouse (emergency only), Job title, employing department, work phone number, and work address when employed in a position that requires student status, and other categories of information considered Directory Information by the U.S. Department of Education.

FERPA does not mandate the university to comply with every request to release Directory Information; the university therefore reserves the right on occasion to not release requested Directory Information. The university also reserves the right to modify the definition of Directory Information at any time.

Disclosure of PII Without Prior Written Consent - Non-Directory Information

FERPA permits Missouri Southern to disclose PII from students' education records, without the prior written consent of the student, if the disclosure meets certain conditions found in the FERPA regulations at 34 C.F.R. § 99.31. Except for disclosures to school officials, disclosures related to some judicial orders or lawfully issued subpoenas, disclosures of directory information, and disclosures to the student, § 99.32 of FERPA regulations requires the institution to record the disclosure. Eligible students have a right to inspect and review the record of disclosures. A postsecondary institution may disclose PII from the education records without obtaining prior written consent of the student when the disclosure is:

- To other school officials, including teachers, within Missouri Southern whom the school has determined to have legitimate educational interests. This includes contractors, consultants, volunteers, or other parties to whom the school has outsourced institutional services or functions.

- To officials of another school where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for purposes related to the student's enrollment or transfer.
- To authorized representatives of the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or State and local educational authorities, such as a State postsecondary authority that is responsible for supervising the university's State-supported education programs. Disclosures under this provision may be made, subject to the requirements of 34 C.F.R. §99.35, in connection with an audit or evaluation of Federal- or State-supported education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf.
- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid.
- To organizations conducting studies for, or on behalf of, the school, to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction.
- To accrediting organizations to carry out their accrediting functions.
- To parents of an eligible student if the student is a dependent for IRS tax purposes.
- To comply with a judicial order or lawfully issued subpoena.
- To appropriate officials in connection with a health or safety emergency.
- Information the school has designated as "directory information," defined above.
- To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense. The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding.
- To the general public, the final results of a disciplinary proceeding, subject to the

requirements of 34 C.F.R. § 99.39, if the school determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the school's rules or policies with respect to the allegation made against him or her.

- To parents of a student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the school, governing the use or possession of alcohol or a controlled substance if the school determines the student committed a disciplinary violation and the student is under the age of 21.

Though FERPA permits such exceptions to the release of PII, Missouri Southern reserves the right to not release any such info.

Authorization to release Non-Directory

Information: Students who wish to have their non-directory information be disclosed to others must complete an [Authorization to Release Non-Directory Information](#) form in the Office of the Registrar listing the specific individuals or entities to whom they are permitting the disclosure, the specific information they want disclosed, and the purpose of the requested disclosure.

All questions, concerns, inquiries, relating to FERPA, Educational Records and Directory Information requests should be submitted to the Office of the Registrar at registrar@mssu.edu. Phone: 417-625-9389

Faustina Abrahams, FERPA Compliance Officer

Transfer Credits Articulation Policies

Missouri Southern accepts transfer courses from institutions accredited by the following accreditation agencies:

- Middle States Commission on Higher Education
- Higher Learning Commission
- New England Association of Schools and Colleges
- Northwest Commission on Colleges and Universities
- Southern Association of Colleges and Schools
- Western Association of Schools and Colleges

Any reference to accredited institutions or schools in the sections below refers to the listed accreditation agencies above.

Meeting Bachelor's Degree Requirements Transfer of General Education Requirements

Students who transfer from Missouri public colleges and universities and Missouri private institutions who have adopted Core 42 will be considered as having met the MSSU General Education Requirements 1-5 if they complete:

- An Associate of Arts (AA) or an Associate of Arts in Teaching (AAT) degree; or,
- The Missouri Core 42 requirement; or,
- The designated general education program at the other institution, provided that the institution certifies the student's completion of that program on an official transcript.

Students who transfer an Associate's degree from an accredited Private or Out-of-State College will receive a course-by course evaluation of their transfer credit that will indicate applicability of their courses to MSSU general education requirements.

Students who have a bachelor's degree from an accredited college or university and who wish to pursue an additional undergraduate degree will be exempt from all general education requirements at MSSU.

Students who have completed or been exempted from the general education requirements by any of the provisions listed above are not exempt from specific course requirements for their majors, even if those courses may be used to satisfy general education requirements at MSSU.

Information for Students Transferring from An Accredited Public Two-Year College in Missouri.

- Transfer students who have not completed the State of Missouri General Education Core will have their courses evaluated on a course-by-course basis. MSSU will accept unlimited lower division transfer hours from an accredited two-year college.
- Credits from an accredited two-year college will be accepted to fulfill lower division requirements only.

- The following requirements must also be met:
 - A minimum of 30 semester hours for the Baccalaureate Degree must be earned in residence at MSSU.
 - One-half of the major requirements must be earned at MSSU.
 - A minimum of 39 semester hours must be upper division level credits.

Information for Students Transferring from An Accredited Two-Year Private or Out-of-State College

- Transfer students who have not completed an Associate of Arts degree will have their courses evaluated on a course-by course basis.
- MSSU will accept unlimited lower division transfer hours from an accredited two- year college.
- Credits from an accredited two-year college will be accepted to fulfill lower division requirements only.
- The following requirements must also be met:
 - A minimum of 30 semester hours for the Baccalaureate Degree must be earned in residence at MSSU.
 - One-half of the major requirements must be earned at MSSU.
 - A minimum of 39 semester hours must be upper division level credits.

Information for Students Transferring from An Accredited Public Four-Year College or University in Missouri added fall 2023

- Students who have been awarded a baccalaureate degree* from an accredited public Missouri college or university, prior to enrolling at MSSU, are considered to have fulfilled all lower division General Education Requirements.
- The following requirements must also be met:
 - A minimum of 30 semester hours for the Baccalaureate Degree must be earned in residence at MSSU.
 - One-half of the major requirements must be earned at MSSU.
 - A minimum of 39 semester hours must be upper division level credits.

*Please note: Individual courses are not articulated. If you have completed a course which

is a prerequisite for another course you need to take at MSSU, work with your advisor to file the appropriate form to request those courses be articulated. Contact the Office of the Registrar@mssu.edu if you have questions.

Information for Students Transferring From An Accredited Four-Year Private, Out-of-State, or International College or University added fall 2023

- Transfer students who have not completed a previous degree will have their courses evaluated on a course-by-course basis.
- Transfer students who have been awarded a baccalaureate degree* from an accredited out-of-state college or an accepted foreign equivalent, prior to enrolling at MSSU, are considered to have fulfilled all lower division General Education Requirements.
- The following requirements must also be met:
 - A minimum of 30 semester hours for the Baccalaureate Degree must be earned in residence at MSSU.
 - One-half of the upper-division major requirements must be earned at MSSU.
 - A minimum of 39 semester hours must be upper division.

* Please note: Individual courses are not articulated. If you have completed a course which is a prerequisite for another course you need to take at MSSU, work with your advisor to file the appropriate form to request those courses be articulated. Contact the Office of the Registrar@mssu.edu if you have questions.

Missouri Public Institutions 42-Hour General Education - Core 42 added fall 2023

To facilitate the transfer of students among institutions of higher education in Missouri, the Department of Higher Education and Workforce Development (DHEWD) in Missouri has supported the development of a statewide general education policy that is intended to ensure the portability of general education credit among Missouri's colleges and universities.

Visit the Department of Higher Education and Workforce Development's website for additional information <https://dhewd.mo.gov/core42.php>

Determination of Transfer Credit

Transfer equivalencies are determined by the Registrar's Office in conjunction with academic departments through a comparison of course descriptions. If enough similarity exists between a course taken at the transfer institution and a Missouri Southern course, transfer credit will be awarded for the Missouri Southern course. Remedial or support courses transfer to satisfy course prerequisites but do not count toward earned hours or GPA.

In cases where MSSU does not offer an equivalent course, the course will transfer as general elective credit. These courses are identified with the course subject of "ELEC" and a course number designating the level of credit at which the course was taken (100 or 200 = lower division, 300 or 400 = upper division). Courses designated as elective may occasionally be petitioned to count for specific requirements pending further review and department approval. If you have questions regarding the petition process, please contact your academic advisor.

Transfer credits are assigned lower- or upper-level credit based on the level at which the course was taken at the transfer institution, not the level of the course at MSSU. Credits from two-year colleges will be accepted for lower-level credit only. Students may receive course credit for a 300 or 400 level course, but the credit will not count toward the upper division credit required for the baccalaureate degree.

Courses also transfer with the number of hours the student took at the transferring institution even if the number of hours in an equivalency course at Missouri Southern is different. In a situation where a student originally took a course in quarter hours or a different calendar system than the semester hour calendar, Missouri Southern will convert the hours into the equivalent semester credit hours.

Transfer Articulation Appeal Process:

- Transfer students have the right to appeal course articulation from transferring institutions. If you feel a course has not been given proper credit at MSSU, please contact your academic advisor regarding the appeal process.

- Courses from non-accredited schools may be petitioned for credit by completing a General Academic Petition. The petition must be accompanied with a course syllabus, credentials of the course instructor, and a degree audit. Petitions are routed to the department of the course for review and final determination of credit.
- Courses from accredited schools that have not been articulated for course credit may be disputed for academic credit toward a degree by completing the General Academic Petition. Appeals require approval from both the department of the course and the department of the major.
- Disputes regarding how a course was articulated may be addressed through the appeal process also. The academic department has final determination on course articulation.
- Missouri Southern State University is in accordance with Missouri Law RSMo 178.788 as well as guidelines and best practices set forth by the Missouri Department of Higher Education and Workforce Development. For additional information from the Missouri Department of Higher Education and Workforce Development regarding course articulation and the appeal process please visit <https://dhewd.mo.gov/>. You may also contact us directly at registrar@mssu.edu with the subject line "Request to Review Articulated/Non-Articulated Transfer Credits".

Please refer to the **Academic Information** section for academic policies.

Residence Life

To Be Determined
Director of Student Conduct and Residence Life

Residence Life Office • Mayes Student Life Center
106 • 417-659-4261
residencelife@mssu.edu
<https://residence-life.mssu.edu/>

The Missouri Southern on-campus residence requirement is as follows: "All freshmen under the age of 21 are required to live in the Missouri Southern residence halls to the extent space is

available, unless they are married or live with their legal guardian."

The University provides air-conditioned residence hall accommodations and meals for over 800 students. Concerned with the total needs of the students, the University maintains a safe and comfortable place to live and an adequate physical environment as well as opportunities for learning. The atmosphere in the residence halls contributes significantly to the students' personal growth and maturity.

The residence halls are staffed by three full-time professional resident directors and 21 paraprofessional resident assistants. The programming body for resident students is the Residence Hall Association (RHA) which provides educational and social programs.

Residence hall rooms are fully furnished except for linens and personal items. Internet access is available in every room. To apply for a room in a University residence hall, a prospective student may complete an application for room and board and pay the \$150 deposit through LioNet on the MSSU website. The deposit is retained by the University as long as the student is in residence and refunded upon termination of the contract if all terms of the contract are fulfilled.

This contract, which is a combined contract for room and meals, is effective for the entire academic year (fall and spring semesters) or for the remaining portion of the academic year if entered into after the beginning of the fall semester. Detailed terms will be found on the contract form. Contracts for room only are not available.

The University is not responsible for the loss of or damage to any personal property of students.

Accessible residence hall rooms are available for students with disabilities. In addition, the Dianne Mayes Student Life Center and the Mayes Dining Hall are accessible. If you need accessible housing, please fill out the appropriate section on the application contract. If you have questions about accessible living, please contact the Residence Life Office (417-659-4261) or the Coordinator for Disability Services (417.659.3725). For detailed rules and regulations governing residence hall living

at Missouri Southern, contact the Residence Life Office.

Mayes Student Life Center

The Dianne Mayes Student Life Center is comprised of the Mayes Dining Hall on second floor and social and recreational amenities on first floor for Missouri Southern students, faculty and staff. Mayes Dining Hall operates on funds received from board payments from residence hall students and cash sales for individual meals. The 1st floor amenities, include a large television lounge/meeting room, an aerobics room, air hockey table, computer lab, table tennis, video game stations, billiards, game tables and a study area. A laundry facility is also located on first floor that's exclusively for residence hall students to utilize.

For more information regarding the center's hours of operation, programs and policies governing the use of the facility, contact the Mayes Student Life Center Office, Room 101, Mayes Student Life Center (417-659-4461).

Billingsly Student Center

For Reservations Contact
Jana Clark 417-625-3032 clark-jana@mssu.edu

The Billingsly Student Center (BSC) is centrally located to provide convenient access to student services and facilities. The Recreational Services Office oversees reservations of the buildings, meeting rooms, equipment, lounges, the Connor Ballroom, Phelps Theatre and the Lion's Den. Reservations can be made for departmental use, student organizations and off-campus meetings for events held in the Student Center. BSC is home to the Beimdiek Recreation Center, a 60,000-square-foot fitness center that includes a 3-court gymnasium, an elevated jogging track, two fitness areas with free weights and cardio/weight machines, two studios for fitness classes, a fitness testing center, locker rooms and a 150-seat theatre. The Willcoxon Health Center helps to provide the medical needs for students and includes exam rooms, a procedure room, nurses station, and laboratory. The University Bookstore is the students' source of rental and purchase textbooks, classroom materials, campus clothing, gift shop,

Lion Card ID's, and parking passes. The Lion's Den Food Court, serving breakfast and lunch, offers a variety of foods and beverages for every appetite. There is also a large lounge perfect for studying and watching TV.

Student Activities

Kaylea Furgerson
Director of Student Activities
Billingsly Student Center 210
417-625-9320

Student Activities Office Campus activities are scheduled in the Student Activities Office. The office also oversees the 70+ recognized student organizations, assists students in organizing or re-instituting student organizations and produces and promotes various special events. The Student Activities Office also approves all forms of advertising for on-campus bulletin boards. To find out more about organizations and events download the LionLink app, MSSU's student engagement software to connect, engage, and succeed at MSSU! Go to app.suitable.co and login using your MSSU username and password. updated fall 2023

Campus Activities Board (CAB) The Campus Activities Board, a student organization supported by a student activity charge, has the responsibility for programming social, educational and recreational activities for the entire college community. Students may volunteer to serve on CAB committees that assist in planning concerts, family events, novelty events, lectures, special events and public relations. Interested students are encouraged to attend the weekly meetings or stop by the Student Activities Office.
mssu.presence.io/organization/campus-activities-board

Fraternity & Sorority Life: Fraternity & Sorority life at Missouri Southern is an exciting opportunity for students to develop themselves both personally and professionally through experiences serving in the community and philanthropic efforts, academics, and establishing lifelong friends. MSSU has two sororities: Alpha Sigma Alpha and Zeta Tau Alpha and three fraternities: Kappa Alpha Order, Kappa Sigma and Phi Delta Theta. The main recruitment periods for these groups are held during

the beginning of the fall semester, but some opportunities are held throughout the year. Go Greek! mssu.edu/student-affairs/student-life/student-activities/greek-life-welcome.php

Student Health Services

Julie Stamps, APRN-BC, FNP
Director of Willcoxon Health Center
Billingsly Student Center 242
417-625-9323 mssu.edu/student-affairs/willcoxon-health-center/

The Willcoxon Health Center is an acute care clinic that requires an appointment. Students must be enrolled in current semester to use services at the Health Center. Services offered include: care for acute illness, tuberculosis (TB) testing, women's health, STI screening, physical (daycare, nursing & dental hygiene program), some vaccinations like flu shots, titers, travel consultations and more. Call the office or visit our website for more information on services, university medical requirements and to download forms for medical history and records release. www.mssu.edu/health

Appointments are included in student charges, but there is a charge associated with some services: vaccinations, blood tests, work/school physicals, women's health, STI screening, etc. The Willcoxon Health Center is staffed with one full-time nurse practitioner and one full-time registered nurse. The University physician is available for appointments on campus two times a month. Recommendation and referral to community or campus resources are also part of student health services. Students who have health insurance are advised to have a copy of their insurance card and know which hospital is in network. Joplin has 2 hospitals: Freeman and Mercy. Call the toll-free customer service number on your insurance card and ask which hospital is in network for Joplin, Missouri.

If you go out of your network, you will often pay more. This will help you know where to seek treatment in case of emergency or for primary care/specialists. For chronic health conditions and certain prescriptions, it is recommended you establish care with a primary care physician in Joplin. If uninsured, contact the Willcoxon Health Center for a list of community resources.

Office hours are Monday-Friday from 8am-11:30am & 12:30pm-5pm. Summer hours vary and the campus is closed on Fridays.

Communicable Diseases and Requirements

Students must submit proof of immunization, including two doses of Measles/Mumps/Rubella (MMR) vaccine and a TB screening questionnaire and/or testing within the last year. A TB questionnaire is available on Med+Proctor and must be completed at the beginning of the first semester. If student has no proof of two MMR vaccines, a titer can be drawn at the student's expense to test immunity or the student can bring proof from another source to present to the Health Center. These records are to be uploaded to Med+Proctor. The state of Missouri requires all university-owned housing students to also receive the meningococcal vaccine ACWY on or after the 16th birthday (for meningitis) The only exception is a medical or religious exemption. Please contact the health center about details for exceptions. In the instance of an outbreak of a communicable disease on the MSSU campus by a student, faculty or staff member, the University physician and the Director of the Health Center will assume responsibility for conducting a thorough review based upon the best medical and legal information available. Students who have not provided proof of immunity to the Willcoxon Health Center may be restricted from University property in the event of an outbreak on campus. Any actions taken will respect the confidentiality of the individual as well as the individual's welfare and that of the University community.

Student Policies

Tamika Harrel, PsyD
Dean of Students/Title IX Coordinator
Billingsly Student Center 347D
417-625-9531

Student Conduct

In order to provide the best possible environment for personal and intellectual growth, the University has established regulations to guide student conduct. A summary of these rules and regulations

is found in the Student Handbook which is available online.

Drug and Alcohol Prevention Program

Pursuant to the Drug-Free Schools and Communities Act Amendments of 1989, Missouri Southern State University has established a drug and alcohol prevention program for its students. The University's program is as follows:

Tobacco Free Campus Policy: In keeping with the mission and values of Missouri Southern State University and out of respect to students, employees, visitors, and the environment it is the policy of Missouri Southern State University to prohibit smoking, the use of smokeless tobacco products and nicotine delivery devices in facilities, grounds, property, and vehicles owned, leased, or controlled by the university.

Products subject to this policy include, but are not limited to: cigarettes (traditional or electronic), cigars, pipes, hookah, smokeless tobacco (chewing tobacco or snuff), other tobacco administering products, and other products containing nicotine (excluding Nicotine Replacement Therapy).

It is the responsibility of all administration, faculty, staff and students to abide by the University's tobacco policy. Employees and students are encouraged to communicate this policy with courtesy, respect, and diplomacy, especially with regards to visitors. Any individual willfully ignoring this policy is subject to discipline by and under University policies. Offenders are subject to discipline appropriate to their status, e.g. students are subject to the student discipline process as outlined in the Student Handbook and faculty/staff are subject to discipline from their appropriate supervisor and held to established administrative policies regarding conduct. Guests or visitors that repeatedly violate the policy may be asked to leave campus. Those with questions, concerns, or complaints related to this policy may contact Samantha Quackenbush, Director of Conduct, 417-625-9531.

Substance Abuse Policy: Students are prohibited from using alcoholic beverages and illegal drugs on University-owned or controlled property and at

University-sponsored or supervised activities. Irresponsible alcohol or other drug use off campus resulting in disorderly conduct on campus also is not acceptable. Any student of Missouri Southern State University found to have manufactured, dispensed, possessed or used a controlled substance in violation of the Substance Abuse Policy of this University will be subject to discipline in accordance with University policy and reported to local, state or federal law enforcement authorities for criminal prosecution. Criminal prosecution for these acts could lead to a conviction and such a conviction could result in a sentence imposing a monetary fine, imprisonment in a state or federal penitentiary or both.

Health Risks: Specific serious health risks are associated with the use of illicit drugs and alcohol. Some of the major risks:

Alcohol and other depressants (barbiturates, sedatives & tranquilizers): addiction, accidents as a result of impaired ability and judgment, overdose when used with other depressants, damage to a developing fetus, heart and liver damage.

Marijuana: addiction, panic reaction; impaired short-term memory; increased risk of lung cancer and emphysema, particularly in cigarette smokers; impairment of driving ability.

Cocaine: addiction, heart attack, seizures, lung damage, severe depression, paranoia, psychosis. Similar risks are associated with other stimulants, such as speed and uppers.

Hallucinogens (acid, LSD, PCP, MDMA, etc.): unpredictable behavior, emotional instability, violent behavior organic brain damage in heavy users, convulsions, coma.

Narcotics (heroin, Demerol, morphine, Codeine, etc.): addiction, accidental overdose, risk of hepatitis and AIDS from contaminated needles.

Inhalants (gas, aerosols, glue, nitrites, etc.): loss of consciousness, suffocation, damage to brain and central nervous system, sudden death, nausea and vomiting, nosebleeds, impaired judgment.

Methamphetamines: addiction, irritability, sleeplessness, nervousness, sudden weight loss, pungent body odor, protrusion of eyes.

Resources: A variety of resources exist for drug or alcohol counseling, treatment or rehabilitation programs. A few are listed inside the front of the Student Handbook. For more detailed information concerning these resources and others available from the University and/or community agencies, students may contact the Student Success Office (417-625-3032). Such referrals will respect individual confidentiality.

A main objective of the drug and alcohol prevention program is to encourage healthy attitudes and behaviors on the part of all students and responsible decisions about alcohol/drug use. Another objective is to provide students in certain high-risk groups (freshmen, Greeks, athletes, residence hall students, etc.) with specific and up-to-date information regarding the long-and-short-term effects of alcohol/drug use. A final objective is to provide students with the necessary skills to help them carry out the decisions they have made in regard to their use or non-use of alcohol/drugs and how to effectively handle certain "high pressure" situations.

To meet the above objectives, information and assistance is provided to students in several ways. First, alcohol and drug films are shown and programs conducted in all First Year Experience, which are required for all new students. Additional alcohol and drug information is presented in other academic classes, including **KINE 0103 Lifetime Wellness**. Pamphlets about alcohol and drug use are distributed each semester. Special alcohol and drug training is provided annually for residence hall staff and orientation leaders.

The athletic department provides a program for varsity athletes. Special alcohol and drug programs are presented throughout the year. Active drug testing is done. A committee of counselors, teachers and clergy are available to assist varsity athletes.

The Student Affairs Office, Advising, Counseling and Testing Services, Campus Activities Board and the Residence Hall Association provide alcohol and drug programs throughout the year for all students.

Equal Opportunity

In accordance with federal law and applicable Missouri statutes, it is the University's policy not to discriminate in the recruitment and admission of students, the recruitment and employment of faculty and staff and the operation of any of its educational programs and activities on the basis of age, gender, color, race, religion, disability, veteran's status, national origin, ancestry or any other protected characteristic as established by law.

Anti-Harassment Policy: Missouri Southern State University is committed to fostering a working and learning environment where all individuals are treated with respect and dignity. It is, and continues to be, University policy that harassment of employees, applicants or students is unacceptable conduct and will not be tolerated.

Harassment is written, verbal or physical conduct that degrades or shows hostility or aversion toward an individual because of his/her race, color, ancestry, religion, gender, age national origin or disability that (i) has the purpose or effect of creating an intimidating, hostile or offensive work or learning environment; (ii) has the purpose or effect of unreasonably interfering with an individual's work or academic performance; or (iii) otherwise adversely affects an individual's employment or academic opportunities.

Harassment could also be sexual in nature. Sexual harassment is defined as unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature when any one of the following occurs: (i) submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or education; or (ii) submission to or rejection of such conduct by an individual is used as the basis for employment or academic decisions affecting such individual; or (iii) such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance or creates an intimidating, hostile or offensive working or learning environment.

Any employee, student or applicant for employment or admission who feels that he or she has experienced or observed harassment by an

employee of the University should report such incidents to his or her supervisor or to the Director of Human Resources without fear of intimidation or reprisal. Harassment complaints against students should be reported to the Title IV Coordinator.

The University will promptly investigate all allegations of harassment in as confidential a manner as possible. The University will also take appropriate action to ensure that neither inappropriate language, nor conduct, nor sexual harassment persists.

Student Senate

Billingsly Student Center 347
417-625-9392 mssu.edu/student-affairs/student-senate

The Student Senate serves as the governing body for students and acts as a liaison between faculty and the student body. The responsibility for student government rests not only with the student officers, boards and committees but also with each member of the student body. The Student Senate is made up of elected senators from each class and the executive officers. The Student Senate is funded from student activity charges. Students wishing to speak with a Senate representative may do so via the Student Affairs Office.

Testing Services

Testing Services provides high-stakes testing in a secure environment for the benefit of students, faculty, external testing agencies, and the surrounding community, while ensuring exam integrity in a friendly environment. Testing Services adheres to the National College Testing Association (NCTA) standards and guidelines.

Missouri Southern is a national testing center for the following examinations:

1. ACT (Placement test for college entrance)
2. TEAS (Entrance exam for Radiology, Respiratory Therapy, Dental Hygiene)
3. MoGEA / MoCA Missouri Educator Gateway Assessment
4. HiSET (Missouri High School Equivalency Exam)

5. MAT (Miller's Analogy Test for graduate school)
6. CLEP (College Level Examinations Program)
7. Pearson VUE (Select exams)
8. LSAT (Placement test for law school)
9. Praxis
10. TOEFL
11. Accuplacer (placement exam for English and History)

The CLEP (College Level Examination Program)

Administered by appointment. The student must contact Testing Services to register prior to the testing time/day. This program is designed to allow students to receive, upon attaining a passing grade, proficiency credit for General Education Requirements. In order to receive credit for a CLEP examination, a student must have the following qualifications:

- a. not have taken an examination over the course within the preceding three months;
- b. not have credit in a more advanced course in the same field;
- c. not use the examination to replace a previously earned grade;
- d. students are required to submit a transcript to Testing Services prior to taking a CLEP exam;
- e. credit awarded for CLEP exams are included in the 48-hour credit maximum for Alternative Credits.

Proctoring Tests

Testing Services also provides proctors and a testing room for students taking correspondence courses from other accredited institutions. Appointments must be made prior to taking the test. There is a cost incurred for each test administered.

Proctoring Tests for MSSU students

Testing Services is available to MSSU students who need to take MSSU course exams. There is not cost for these services. You must call at least 24 hours in advance to schedule an exam. We can proctor Honorlock exams and paper/pencil exams.

TOEFL

All students whose native language is not English, are required to have either the TOEFL or the Michigan College English Test. For more information on the TOEFL exam visit Educational Testing Services at www.ets.org. Minimum TOEFL scores are:

- Score of 68 + for TOEFL Internet based plus TOEFL writing 25 +

HiSET

Testing Services also provides the HiSET (High School Equivalency Test) as a service to Missouri residents who were unable to complete their high school education. The person making an acceptable score on the HiSET will receive a high school equivalency certificate from the Missouri State Department of Education. Application process: visit hiset.ets.org for additional information and to schedule an exam.

WorkKeys

WorkKeys is a foundational skills assessment. For more information visit:

<https://www.mssu.edu/student-affairs/advising-counseling-testing-services/testing-workkeys.php#:~:text=Credit%20at%20MSSU,to%20verify%20foundational%20workplace%20skills>

For additional information about all testing services contact Testing Services at 417-625-9577 or 866-818-6778, Webster Hall 117, or testingservices@mssu.edu.

TRIO Programs

Talent Search • Project STAY • Upward Bound

Talent Search

Jim Kimbrough

Director

Mills-Anderson Justice Center Room 20 • 417-659-5440

mssu.edu/student-affairs/trio/talentsearch

Mission

To encourage students in grades 6 through 12 and those who have never completed high school to graduate from a secondary program and enter a postsecondary program of study.

Talent Search is a federally funded program designed to identify qualified students with potential for success at the postsecondary level and encourages them to complete secondary school and enroll in a program of study after high school. Services provided through the program include: group and one-on-one tutoring, travel to area cultural events, visits to area college and university campuses, information on and assistance with college admissions applications and financial aid information, academic advising and assistance with choosing courses to prepare you for education after high school, information and assistance with college entrance exams including the ACT and SAT. The project serves 550 students. To qualify for services, students must be U.S. citizens, between the ages of 11 and 27 and completed the fifth grade. A veteran, regardless of age, may participate if otherwise eligible. Services provided by Talent Search are free to students and parents/guardians. For more information or an application, call the Talent Search office at 417-659-5440.

Project Stay

Debbie Fort

Director

Hearnes Hall 301 • 417-625-9830

projectstay@mssu.edu

mssu.edu/student-affairs/trioproject-stay

Mission

"To identify and provide comprehensive resources to ease student transitions into and through college and on to graduate education and professional life."

Project Stay is a federally funded Student Support Services grant program designed to identify and support qualified students, specifically first-generation, low-income, and disabled students. Project Stay provides individualized services to students in the program to determine a student's needs and goals and develop a plan of success. Services provided include: academic advising, priority enrollment, career counseling, one-on-one

tutoring, job shadowing, financial aid and scholarship application assistance, peer mentoring, monthly educational workshops, assistance with applying to graduate school and travel to area cultural sites. All services are provided free of charge to students accepted into Project Stay. The Project serves 175 students. To qualify, students must be either first-generation college students (neither parent has a bachelor's degree), meet an income guideline or be a student with a disability. To get more information or an application, call the Project Stay office at 417-625-9830.

Upward Bound

Robin Hicklin
Director
Mills-Anderson Justice Center Room 19 • 417-625-9880
mssu.edu/student-affairs/trio/upward-bound

Upward Bound is a federally funded program designed to help students gain the skills necessary to persist through high school and on to post-secondary education. Some of the services provided by Upward Bound include a six-week summer College Simulation Experience, monthly Saturday "Focus On" meetings, academic tutoring for current classes, opportunities to shadow student and professional mentors and field trips to area college campuses and cultural sites. The services provided by Upward Bound are free to students and parents/guardians. For more information, please contact the Upward Bound office at 417-625-9880.

University Dining Services

Hector Gonzalez
Director of Dining Services
Billingsly Student Center 208 • 417-625-9546

mssucatering@freshideasfood.com

Food service is bid by the University and handled by a professional food service company. The dining hall operates on funds received from board payments and cash sales of individual meals. All residence hall students must contract for board. Board contract includes a choice of four meal plans. Each meal plan includes Dining Dollars which can be used in all food venues on campus. Individual

meals feature salad bar and unlimited servings, including entrées.

Commuter students interested in taking some or all of their meals at the University Dining Hall may purchase meal plans in the University Bursar's Office. Also, Lion Bucks are available for purchase in person at the Bookstore located in Billingsly Student Center or the Bursar's Office located in Hearnes Hall room 105, online through LionNet or by kiosk machine located in the Library.

The Lion's Den food court, located on the 2nd floor of Billingsly Student Center, offers a variety of food options for students.

University Police Department

James Swift
Chief, University Police Department
417.625.9741
mssu.edu/police

Policies Concerning the Law Enforcement Authority of Campus Security Personnel

The University Police Department (UPD) is responsible for campus safety at the University. Its jurisdiction covers all campus property. Its personnel have arrest authority. The UPD has a close working relationship with local law enforcement agencies, including the Joplin Police Department and Jasper County Sheriff's Office, which assist the UPD when necessary. The UPD has mutual aid agreements with the Joplin Police Department, the Jasper County Sheriff's Office and other small city agencies (Duquesne, Webb City, & Carterville). The UPD is a member of the Tri-State Major Case Squad and may call for investigators to assist with investigations of serious crimes.

All crimes occurring on campus should be reported immediately to the UPD. Officers are available on campus 24 hours of every day and are primarily dispatched by the JPD Communications Center. The emergency number to reach them is 911 or 417-623-3131 when a police officer is needed. The number 417-626-2222 may still be called for UPD service requests, such as unlocks, jump starts, etc.

Other Officials to Whom Crimes May Be Reported

MSSU also has designated other officials to serve as additional campus security authorities. Reports of criminal activity can also be made to these officials. They in turn will ensure that they are reported to the UPD for collection as part of the University's annual report of crime statistics. These additional campus security authorities are: Director of Student Conduct and Residence Life (Samantha Quackenbush, 417-625-9531), Dean of Students and Title IX Coordinator (Tamika Harrel, 417-625-3022).

Policies on Reporting a Crime or Emergency

The University encourages accurate and prompt reporting of all criminal actions, accidents, injuries, or other emergencies occurring on campus to the UPD and appropriate police agencies even when the victim of a crime elects not to do so or is unable to make such a report. Such reports should be made as follows:

Situations that pose imminent danger or while a crime is in progress should be reported to the University Police Department (911 for emergency, 417-623-3131 for non-emergency) from any campus phone or cell phone. Although the UPD officers have primary jurisdiction, it does not preclude calling the Joplin Police Department (also 911) and the Jasper County Sheriff's Office (417-624-1600) in crisis situations. Keep in mind that the individual making the call from a cell phone will need to provide the address where the emergency has occurred. After making the call, also make a report to one of the campus security authorities identified above.

Students, staff, and visitors should report criminal actions, accidents, injuries, or other emergency incidents to one of the campus security authorities identified above. Once reported, the individual making the report will be encouraged to also report it to appropriate police agencies. If requested, a member of the University staff will assist a student in making the report to the police.

Anonymous incident reports can also be made.

UPD will protect the confidentiality of victims. Only those with a need to know the identity for purposes of investigating the crime, assisting the victim or disciplining the perpetrator will know the victim's identity. Moreover, the University will withhold the identity of victims in publicly available records, to the extent permitted by law.

Any victim of a crime who does not want to pursue action within the University disciplinary system or the criminal justice system is nevertheless encouraged to make a confidential report to a campus security authority. With the victim's permission, a report of the details of the incident can be filed without revealing the victim's identity. Such a confidential report complies with the victim's wishes, but still helps the University take appropriate steps to ensure the future safety of the victim and others. With such information, the University can keep an accurate record of the number of incidents involving students, determine where a pattern of crime may be developing and alert the community as to any potential danger. These confidential reports are counted and disclosed in the annual crime statistics for the University.

Counselors are encouraged, if they deem it appropriate, to inform the persons they are counseling of the procedures to report crimes on a voluntary, confidential basis for inclusion in the annual report. Information will not be reported by counselors to the Title IX Coordinator for investigation without the consent of the person being counseled.

Additionally, upon written request, the University will disclose to the alleged victim of a crime of violence (as that term is defined in Section 16 of Title 18, United States Code), or a non-forcible sex offense, the report on the results of any disciplinary proceeding conducted by this institution against a student who is the alleged perpetrator of such a crime or offense. If the alleged victim is deceased as a result of such a crime or offense, the next of kin of such victim shall be treated as the alleged victim.

Bystander Intervention:

Often people don't intervene because they may assume a situation isn't a problem, or feel it is none of their business. They may assume that someone

else will do something, or believe that other people weren't bothered by the problem. In some cases, a person might feel their personal safety is at risk. When people do intervene in a situation, they often say that it was the right thing to do, and that they would want someone to intervene if the roles were reversed. MSSU encourages students and faculty staff members to take action if they have an opportunity to prevent or intervene in an incident. They should also constantly be aware of events occurring around them and (if possible) create solutions.

Individuals on campus are even asked to intervene in situations as soon as it is possible to safely do so, at least speaking up so that others know what is going on. Of course, students and others should think about their response to ensure that their actions don't actually escalate the situation. Generally, telling friends that behavior is not acceptable is appropriate. Notifying the UPD or others in authority is also always appropriate.

*For all policies relating to student safety, Clery and Title IX, please use this link:

<http://www.mssu.edu/student-affairs/university-police>

College of Arts and Sciences

College Dean: Dr. Marsi Archer
Hearnes Hall room 306
417-625-9385

Mission

The [College of Arts and Sciences](#) provides quality teaching and challenging academic experiences that contribute to the complete education of students in both the General Education/Core 42 Requirements and specific curriculums that prepare students for careers or additional education or training. Supporting this overall mission are sound pedagogy, contributions to scholarly and creative activity and service to the campus and community.

Goals

The [College of Arts and Sciences](#) consists of 6 departments representing more than 22 disciplines. Although diverse in nature and subject, the departments in the College of Arts and Sciences all contribute to the overall missions of the University and College of Arts and Sciences by working to achieve these goals:

1. Quality teaching is our primary goal and responsibility. Arts and Sciences faculty teach the majority of courses in the General Education/Core 42 Requirements, a diverse but integrated group of courses that form the foundation of higher education. The academic majors within the [College of Arts and Sciences](#) prepare students for a variety of careers or for graduate and professional school. Faculty focus on pedagogy and strive to create a rigorous and exciting atmosphere for learners. Departments measure achievement of this goal using a structured system of faculty and course evaluation that involves input from anonymous student questionnaires, classroom visits by the department chair, reviews of grade distributions, examinations, course Web pages and other supplements.
2. The second goal of the [College of Arts and Sciences](#) is scholarly and creative activity. Scholarly research and activity advances knowledge and improves teaching by keeping faculty current in their field and creating a

dynamic environment for students. Creative activity and performance improves the proficiency of faculty and enhances teaching. The result is an enriched cultural experience for students and the community. The inherent desire of many faculty to advance knowledge in their discipline is further encouraged through a reward system that includes faculty development grants and credit through the system of promotion and tenure. This goal is measured primarily by examination of faculty vitae and through intradepartmental comparisons.

3. University and community service, the third goal of the [College of Arts and Sciences](#), provides opportunities for faculty to participate in a variety of university and community affairs. Faculty donate academic expertise and problem-solving skills to the university and community. The school serves as a cultural resource by presenting films, art exhibitions, dramatic productions, musical concerts and recitals. All departments provide academic activities for students in elementary through secondary grades. This goal is evaluated by rating the success and significance of various activities.

College of Arts and Sciences Departments

Art and Design
Chemical and Physical Sciences
Justice Studies (Criminal Justice, GOLD, IPA)
Language and Literature
History (Social Science)
Intensive English Program
International Studies
Performing Arts (Music and Theatre)
Social Sciences (Anthropology, History, Sociology)
Social Work

Bachelor Degree Programs

- General Studies, BGS
- Art Major, Visual Art, BA, AR01
- Art Major, Design, BFA, AR03
- Art Major, Studio Art, BFA, AR02
- Art Education Major, Grades K-12, BSE
- Chemistry Major, BA, CH01
- Chemistry Major, Biochemistry Emphasis, BS, CH03-07
- Chemistry Major, Biochemistry MKEAP, BS, CH10
- Chemistry Major, Biochemistry, BS CH02
- Chemistry Major, Forensic Science Emphasis, BS, CH08
- Chemistry Major, Health Professional Emphasis, BS, CH09
- Chemistry Major, Professional Emphasis, BS, CH00
- Chemistry Education Major, Grades 9-12, BSE
- Criminal Justice Major. BS, CJ01
- Criminal Justice/CIS Major, Computer Forensics BS, CJ00

Bachelor Degree Programs continued

- English Major, Literary Studies Emphasis, BA, EN03
- English Major, Professional/Tech Writing Emp, BA, EN04
- English Major, Literary Studies Emphasis, BS, EN05
- English Major, Prof/Technical Writing Emphasis, BS, EN06
- English Education Major, Grades 5-9
- English Education Major, Grades 9-12, BSE
- History Major, BA, HI00
- History Major, BS, HI01
- Spanish Concentration Major, Modern Language, BA, FL02
- Spanish Education Major, Grades K-12, BSE
- Music Major, Electives Outside Field, BM, MU09
- Music Major, Instrumental Performance, BM, MU06
- Music Major, Keyboard Performance, BM, MU07
- Music Major, Musical Theatre, BM, MU05
- Music Major, Vocal Performance, BM, MU08
- Music Major, BA, MU00
- Music Education Instrumental, Grades K-12, BME
- Music Education Vocal, Grades K-12, BME
- Music Major, Music Industry, BS, MU10
- International & Political Affairs BA, IP00,01,04
- International & Political Affairs BS, IP0506,09,10
- Science Education Major, Grades 5-9, BSE, EM23
- Social Science Education Major, Grades 5-9
- Social Science Education Major, Option 1, Grades 9-12
- Social Science Education Major, Option 2, Grades 9-12
- Social Work Major, BSW, SW01
- Sociology Major, BA, SO00
- Sociology Major, BS, SO01
- Theatre Major, BA, TH00
- *NEW Theatre Major, Theatre Industry, BS, TH10
- Theatre Major, Theatre Performance, BFA, TH07
- Theatre/Speech Education Major, Grades 9-12, BSE

Associate of Science Degree Programs

- Law Enforcement Major (Option A), AS, LE00
- Law Enforcement Major (Option B) Basic Law Enforcement Academy, AS, LE01

Certificates - Undergraduate

- Interdisciplinary Photography, Art Dept., AR92
- New Media. Art Department, AR93
- Illustration Certificate, Art Department, AR90
- Post-Baccalaureate Studies in Art GAR0
- Publication Design Certificate, Art Dept AR91
- Conservation Management, CJ97
- Corrections Certificate, Criminal Justice, CJ92
- Crime Scene Investigations Cert, Criminal Justice, CJ94
- Criminal Investigation Certificate, Criminal Justice, CJ91
- Criminal Law Certificate, Criminal Justice, CJ95
- Homeland Security Certificate, Criminal Justice, CJ96
- Juvenile Justice Certificate, Criminal Justice, CJ93
- Peace Officer Training Certificate, LE81
- Policing Certificate, Criminal Justice, CJ90
- Chemical Laboratory Sciences, CH90
- Creative Writing, English, EN90
- Professional Writing, English EN90
- European Studies, History, HI92
- Latin American Studies Certificate, History, HI90
- Public/Applied History Certificate, HI91
- Teaching English as a Foreign Language, Certificate, IS90

- Linguistics, Modern Language, ML90
- Medical Interpretation (Spanish/English) Certificate, FL86
- Spanish for the Professions Certificate, ML86
- Spanish Certificate in Language Competence, ML85
- Music: Conducting Certificate, MU91
- Music: Ensemble Performance Certificate, MU93
- Music: Industry, MU94
- Music: Instruction Certificate, MU92
- Music: Jazz Studies Certificate, MU90
- Music: Musical Theatre, MU96
- Music: Pit Orchestra Performance, MU97
- Campaigns & Elections Certificate, Social Science, PS93
- International Politics & Diplomacy Cert, Soc Science, PS90
- Legal Studies Certificate, Social Science, PS92
- Public Administration Certificate, Social Science, PS91
- American Studies, Social Sciences, SO92
- Cultural Anthropology Certificate, SO94
- Gender Studies Certificate, Social Sciences, SO90
- Global Black Studies Certificate, SO93
- Social Institutions, Social Sciences, SO91
- Theatre: Arts Administration & Leadership, TH95
- Theatre Directing Certificate, TH94
- Educational Theatre Certificate, Theatre, TH96
- Theatre: Theatre Industry Certificate, TH74
- Theatre: Theatre Instruction Certificate, Theatre, TH73

Graduate Degree Programs

- *NEW Justice Studies, Master of Science, GR16

Certificates – Graduate

- Post-Baccalaureate Studies in Art, GAR0
- Music: Applied Pedagogy Graduate, GMU1
- Music: Ensemble Pedagogy Graduate, GMU0

Minors

- Anthropology Minor, Cultural Anthropology, SO84
- Art Minor, Art History, AR82
- Art Minor, Graphic Design, AR81
- Art Minor, Studio Art, AR80
- Criminal Justice Minor, CJ82
- Criminal Justice Minor, Corrections, CJ80
- Criminal Justice Minor, Juvenile Justice, CJ83
- CSI (Crime Scene Investigation) Minor, CJ81
- English Minor, Creative Writing, EN82
- English Minor, Literature Emphasis, EN80
- English Minor, Writing Emphasis, EN81
- Geography Minor, GE80
- Geology Minor, GE84
- History Minor, American Studies, HI81
- History Minor, HI80
- Military Science, MS80
- Music Minor, MU80
- Philosophy Minor, PI80
- Advanced Power Minor (Physics/Chemistry), PH81
- Physics Minor, PH80
- Legal Studies Minor, PS83
- Political Science Minor, International Politics, PS82
- Political Science Minor, PS80
- Sociology Minor, SO82
- Theatre Minor, TH80

Art and Design

Faculty: Pishkur - Chair, Bagherzadeh, Bentley, McKenzie, Mintert, Outhouse
Fine Arts Building • 417-625-9563

The Department of Art and Design strives to educate artists who become working educators, designers, and studio artists. Relevant education experience in the visual arts is delivered through quality teaching, experiential learning and mentorship. We ensure graduates have deeply meaningful, immersive, educationally enriching, and developmental curricular or co-curricular experiences. We foster and focus student passion for visual art through a strong foundation program with exposure to multiple international and aesthetic experiences while providing resources and an environment that nurtures conceptual, critical thinking and creative problem solving.

Incoming majors share a series of foundational classes covering a range of art materials, concepts, and techniques, allowing students to create objects and images spanning a broad selection of media and methods while improving the essential skills required for them to specialize in their chosen areas of focus.

For students seeking to become a K-12 art teacher our curriculum includes a nationally accredited, Council for the Accreditation of Education Preparation (CAEP), *Bachelor of Science in Education (BSEd)*. Our *Bachelors of Visual Arts (BA)* degree provides for students wanting to pursue an arts related field including, but not limited to; art conservation, art history, art therapy, gallery management, or museum studies. For students pursuing a career as a content creator, either as a designer or traditional studio artist, we offer two, professional, eighty credit-hour Bachelor of Fine Arts (BFA) degrees; *design* and *studio art*.

Students gain entrance to our selective BFA programs through a portfolio review process. BFA students are then mentored by designated faculty committees which meet with them each semester to develop both a thesis and capstone project. This allows students to develop a research-based

approach to their practice while developing personal, specialized interests.

Degree requirements in the various art programs are such that it is extremely important for students majoring in art to meet with their faculty advisors each semester. There are two major, direct assessments of candidates for all art degrees: ART 295 Foundation Review (entrance examination) and ART 495 Capstone Experience (public presentation/exit examination).

Additional minors; *art history*, *design*, and *studio art* as well as certificates in; *illustration*, *interdisciplinary photography*, *new media*, and *publication design* allow undergraduates across campus to gain art and design related, workforce ready credentials. Visiting speakers and art-affiliated student organizations enrich the campus life experience for all students while our active programming of monthly international, national, regional, and student exhibitions in our Spiva Gallery and our large study-collection of African art and artifacts provide immersive research opportunities in gallery and museum studies.

At the graduate level, we offer a *certificate in post-baccalaureate studies in art* for students preparing for entrance to graduate schools and curriculum that integrates with the Teacher Education Department's *Master of Science in Education, Curriculum and Instruction degree*.

We believe every person should have the opportunity to participate in and experience art and design. The arts are a transformative way to honor, teach, and learn about cultures and experiences different than one's own. We are dedicated to social justice and respect for individual and group identities and therefore do not discriminate based on race, culture, age, social-economic status, religion, disability, gender identity, sexual orientation, pregnancy, or any other basis for discrimination. We are eager to listen, learn, and do better to undo systemic injustices that impact us all.

The Department of Art and Design respectfully acknowledges our role as settlers and guests on the traditional, ancestral lands of the Osage Nation. The process of knowing and acknowledging the land we

stand on is a way of honoring and expressing gratitude for the ancestral Osage people who were on this land before us. We appreciate the influence of the vibrant cultures of Indigenous peoples and are conscious of the role in colonization that institutions of learning have played.

ART 0110 - Art Appreciation , **ART 0251** or **ART 0252** meets the General Education/Core 42 requirement for non-art majors in the area 5B Fine Arts.

For additional information contact:
Frank A. Pishkur • Fine Arts Building
417-625-9735 • pishkur-f@mssu.edu

Chemical and Physical Sciences

Faculty:
Donelson - Chair, Garoutte, Gilbert-Saunders, Jia, and Moore
Reynolds Hall 210 • 417-625-9766

Mission

The [Chemical and Physical Sciences Department](#) is a learning community dedicated to:

- providing a curriculum that gives its majors a thorough grounding in the basic principles and methods of chemistry in theory and practice
- offering our students ample opportunities for independent research
- providing chemistry courses suitable for students majoring in other fields
- offering courses in support of the health sciences
- supporting a Medical Laboratory Science program in concert with hospitals in the region
- providing a positive environment for students, staff, and faculty

Chemistry graduates will find an impressive array of options and exciting opportunities in fields such as basic research, environmental protection, instrumentation, new product and process development, technical marketing, market research, forensic chemistry, teaching at all levels and information science. Moreover, chemistry degrees are valuable in health sciences such as medicine, pharmacology, clinical chemistry and industrial hygiene. The first step into a future in chemistry is a

formal education. Since chemistry is such a broad field and holds diverse career opportunities, students should plan their education with a goal in mind.

For additional information contact:
Dr. James Donelson, Department Chair
Reynolds Hall 210
417-625-9345 • donelson-j@mssu.edu

Justice Studies (Criminal Justice, GOLD, IPA)

Faculty:
Wilson - Chair, Adelizzi, Delehanty, Gunderman, Hulderman, Shoaf, Smith, and Walthall
Justice Center 126 • 417-625-9302

Mission

The mission of the Department of Justice Studies is to encourage lifelong learning and scholarship, to produce qualified and knowledgeable graduates and to foster development of ethical professionals prepared for leadership positions in the criminal justice system, law enforcement, politics, and related fields. The department is devoted to emphasizing quality teaching and learning, to providing an international perspective and to promoting the value of community service. The department seeks to further the study and understanding of criminal justice through our teaching, scholarship and service.

Criminal Justice (Justice Studies)

Adding to the extremely versatile **Criminal Justice Major. BS, CJ01** and the **Law Enforcement Major (Option A), AS, LE00** and **Law Enforcement Major (Option B) Basic Law Enforcement Academy, AS, LE01** , the Criminal Justice Department offers the **Criminal Justice/CIS Major, Computer Forensics Option, BS, CJ00** .

These exciting degree programs are complemented by four minors:
[Criminal Justice](#)
[Juvenile Justice](#)
[Corrections](#)

CSI-Crime Scene Investigation

In addition to the current minors, the Department of Criminal Justice is now offering certificates in eight specialized areas including:

Conservation Management Certificate, CJ97
Corrections Certificate, Criminal Justice, CJ92
Crime Scene Investigations Certificate, Criminal Justice, CJ94
Criminal Investigation Certificate, Criminal Justice, CJ91
Criminal Law Certificate, Criminal Justice, CJ95
Homeland Security Certificate, Criminal Justice, CJ96
Juvenile Justice Certificate, Criminal Justice, CJ93
Policing Certificate, Criminal Justice, CJ90

These certificates are both stand-alone programs of study for individuals wishing to obtain specialized certification in the various areas as well as those students who are pursuing a baccalaureate degree.

The many combinations offer a myriad of opportunities for students seeking careers in the criminal justice system and related fields.

The Criminal Justice degree offers academic training coupled with real world practical training for students pursuing careers as criminal justice professionals in the traditional fields of law enforcement, juvenile justice, corrections, probation and parole, and private safety and security. The Criminal Justice program provides a varied curriculum, small classes, faculty who provide individual academic attention, international education opportunities and a unique learning environment that meets the needs of a diverse student body. The program prepares students for a wide variety of careers as criminal justice professionals as well as graduate programs in criminal justice, law and other related fields.

In addition to day and evening courses, students can obtain the Bachelor of Science in Criminal Justice and the Associate of Science in Law Enforcement degrees online. The many hybrid courses combine the benefits of the classroom experience with the flexibility of the Internet. The department offers criminal justice professionals, who have experience in the field, college credit for work experience through the portfolio process. The Department also

recommends that all students participate in the internship program, where students receive university credit for working side by side with practicing criminal justice professionals.

Our faculty members are attentive to student needs and strive to prepare students for challenging criminal justice careers. They have over 100 years of combined practical experience as:

- * State and local law enforcement officers
- * Juvenile officers
- * Legal advocates
- * Correctional officers
- * Criminal investigators
- * Child abuse investigators
- * Private security
- * Nonprofit agency administrators

The Criminal Justice Department emphasizes the international mission and provides students with opportunities to study and travel abroad to view firsthand other criminal justice systems around the globe. Our faculty and students have explored the criminal justice systems of England, France, Australia, New Zealand, Morocco, Italy, Israel, Spain and Costa Rica. In the years since the international mission was implemented, more than 350 criminal justice students have studied abroad.

The state-of-the-art Mills Anderson Justice Center is the home of the Department of Criminal Justice. The department houses a high-tech mobile Crime Scene Investigation Unit, a modern indoor "live-fire" range, and two firearms training simulators. The auditorium provides a forum for lectures and advanced training seminars for practicing criminal justice professionals. These seminars are taught by nationally recognized criminal justice professionals, allowing students to learn from the experts and network with potential employers. The gymnasium and crime scene rooms provide real-life practical scenario training.

The Criminal Justice Department at Missouri Southern State University also operates the 600-hour Basic Law Enforcement Training Academy. (See [Law Enforcement \(Criminal Justice\)](#))

For additional information contact:
Department of Justice Studies
Dr. Tim Wilson, Chair

Justice Center 126B
417-625-9858
wilson-t@mssu.edu

Law Enforcement (Justice Studies)

Faculty: Wilson- Chair, Adams- Director of Law Enforcement Academy
Justice Center 126 • 417-625-9302

The Associate of Science degree in [Law Enforcement](#) helps prepare students for entrance into law enforcement, a field which has become highly specialized and complex at the local, state and national levels. The University also offers the four-year Bachelor of Science degree in Criminal Justice Administration.

Students have the option to complete the Associate of Science degree in Law Enforcement with or without attending the Law Enforcement Academy.

Law Enforcement Major (Option A), AS, LE00
Law Enforcement Major (Option B) Basic Law Enforcement Academy, AS, LE01

Missouri Peace Officer Certification

The 600-hour Missouri Peace Officer Certification is offered through Criminal Justice Administration (CJAD) and the Missouri POST (Peace Officer Standards & Training) Certified Law Enforcement Academy. Students who successfully complete the Academy and meet licensing requirements become eligible for employment as Missouri Peace Officers. See course descriptions.

Additionally, students who successfully complete the Law Enforcement Academy earn the Peace Officer Training Certificate.

Peace Officer Training Certificate, LE81

Application/Admission/Certification

The State of Missouri requires applicants at the time of licensing to be 21 years of age, a United States citizen, have a high school diploma or its equivalent and pass the Missouri State Police Officer Licensing examination. An applicant with a

criminal history must receive Missouri POST clearance before being accepted to the program. An interview with the Training Coordinator is required for admittance to the program.

For additional information contact:
Department of Justice Studies
Mr. Chad Adams, Director Law Enforcement Academy
Justice Center 101
417-625-9519
adams-c@mssu.edu

Military Science (Justice Studies)

Show-Me Gold Missouri Army National Guard Officer Leadership Program.

The Military Science minor is a four-year program in which students contract with the Missouri National Guard for military service upon completion of their degree. **GOLD 0101** is open enrollment for all students without a contractual obligation. The program is offered in both classroom and laboratory learning environments. Please contact the Department of Justice Studies for more information.

Military Science Minor, MS80

For additional information contact:

Department of Justice Studies
Dr. Tim Wilson, Chair
Justice Center 126B
417-625-9858 • Wilson-T@mssu.edu

International & Political Affairs (Justice Studies)

Faculty: Wilson- Chair, Delehanty, Shoaf, Smith
Justice Center 126 • 417-625-9858

Interested in understanding the inner workings of other nations' politics and culture? Turn your curiosity into a career in the International & Political Affairs (IPA) Degree. Our faculty is committed to excellence in teaching while also providing students with access to valuable experiences applicable to their future career. The

faculty are committed to experiential learning activities in and outside of the classroom: offering courses that allow students to travel, helping to support registered student organizations, and a variety of internship opportunities. The department provides students with the opportunity to cultivate critical thinking, communication and technological skills.

We prepare you for an array of careers through our program's emphasis on written and oral communication, research and professional development. Customize your degree as a Bachelor of Science or a Bachelor of Arts, and choose from courses in political affairs, legal affairs, international affairs, geography or global cultural studies. We offer degrees in International & Political Affairs with Bachelor of Arts in IPA, Global Cultural Emphasis, International Relations Emphasis, and Political Affairs Emphasis, as well as Bachelor of Science in IPA, International Relations Emphasis and Political Science Emphasis.

International & Political Affairs, IPA, BA,
International Relations Emphasis, IP00
International & Political Affairs, IPA, BA, Political
Science Emphasis, IP01
International & Political Affairs, IPA, BA, Global
Cultural Emphasis, IP04
International & Political Affairs, IPA, BS,
International Relations Emphasis, IP05
International & Political Affairs, IPA, BS, Political
Science Emphasis, IP06
International & Political Affairs Social Science
Education Emphasis, BS, IP09
International & Political Affairs General Emphasis,
BS, IP10

Additionally, International & Political Affairs offers the following certificates:

International Politics & Diplomacy Certificate,
Social Science, PS90
Public Administration & Urban Planning
Certificate, IPA, PS91
Legal Studies Certificate, IPA, PS92
Campaigns & Elections Certificate, IPA, PS93
Political Communication Certificate, PS94
Gender Studies Certificate, IPA, SO90
Global Citizenship Certificate, IP90 (coordinates
with IS90 Teaching English as a Foreign Language)

Master of Science in Justice Studies

About the Degree:

The Masters of Science in Justice Studies is an interdisciplinary partnership between multiple departments, schools, and colleges at Missouri Southern State University designed to allow students, from all disciplinary backgrounds, the opportunity to explore and gain a deeper understanding of the multiple facets of what we call "Justice." Students in this program will synthesize advanced scholarly knowledge from diverse yet interrelated fields, critique historical and theoretical concepts related to the understanding and application of justice, and master disciplinary and interdisciplinary skills essential to both scholarly and professional settings.

What you'll learn:

How the concept of 'justice' is defined and applied in real-world settings.

How professionals' work is related to the application of 'justice' defined in a variety of careers (politics, law, criminal justice, policing, social work).

How a variety of social systems work to achieve 'justice' or not ('injustice').

How to use data and other sources of information to make inferences and draw logical conclusions about questions focused on 'justice'.

This Degree is great for you if:

You have a baccalaureate degree from an accredited college or university (national or regional).

You want to pursue a career or professional activity that requires additional training in the operation of systems related to 'justice' or data analytics/critical thinking/problem-solving.

You are a career professional who seeks additional credentialing for professional development and/or advancement.

For additional information contact:
Justice Studies-Masters of Science (MS)
Dr. William Delehanty, Justice Studies Coordinator

Language and Literature

Faculty:

Watson - Chair, Beilfuss, Brown, Dow, Gates,
Howarth, Jensen, Liso, McGunigal, Mouser,
Petersen-Durden, and L. Smith
Kuhn Hall • 417-625-9377

The mission of the Department of Language and Literature is to support the growth of literate knowledge, to increase the responsibility of our students, and to train them to use language and literature as successful global citizens. The department works to develop the linguistic and cultural competencies of our students that lead to lives of meaning and substance in a changing world.

English (Language and Literature)

Faculty:

Watson - Chair, Beilfuss, Brown, Dow, Gates,
Howarth, Jensen, McGunigal, Mouser, and
Petersen-Durden
Kuhn Hall • 417-625-9377

Mission

The mission of the English Program is to cultivate reading and writing skills, critical thinking, and an appreciation of literature--thereby preparing students to succeed professionally, to participate locally and globally as productive citizens, and to live reflective, joyful lives.

The program supports the University's commitment to a strong liberal arts education by offering courses in composition and literature that fulfill the General Education Requirements for all Missouri Southern students. For English majors, the program offers tracks that lead to a Bachelor of Science in Education degree or to a Bachelor of Arts or Science degree. In addition, the program supports the University's goal of preparing global citizens by offering relevant international curricula and experiences for its students, including international study opportunities.

The Bachelors of Arts and Science in English provide excellent preparation for graduates who plan to enter business and industry, who plan to

pursue graduate studies in English and who plan to enter professional schools such as law and medicine. Graduates of these programs are employed in such widely diverse occupations as human resources, advertising, publishing, sales management, law, mass communications and college teaching. English majors develop strong skills in writing organization and creativity and they develop a perception of and appreciation for the human values that grow out of the study of literature. Such skills equip English majors for success in the many different fields of employment described above and more.

The Bachelors of Arts and Science English majors at Missouri Southern each comprise two major tracks. The literary studies emphasis focuses on the study of literature, preparing the student for advanced study of English in graduate school, for law school and for a variety of careers in which understanding of human nature, critical thinking and oral and written communication skills are valued.

The professional/technical writing emphasis prepares the student for more specialized careers involving writing in the workplace, such as public relations, copy writing and editing, technical writing, and publishing. Both tracks require a senior capstone experience: a Senior Seminar (**ENG 0495**) in the literary studies track or one or two internships (**ENG 0491**) in the writing emphasis. These internships furnish the students with practical experience using writing and research skills in a workplace environment.

The Bachelor of Science in Education English degree prepares students who wish to teach English/Language Arts at the secondary level (grades 9-12). The English BSE program is accredited by the National Council on Accreditation of Teacher Education (NCATE) and the Missouri Department of Elementary and Secondary Education (DESE), following the guidelines for teacher preparation of both of these organizations.

Certificates in Creative Writing, Professional Writing, and Linguistics allows students to customize their education with credentials that identify specific skills built in a sequence of courses in those areas.

The English Program also offers an English minor with a choice of three emphases. A minor in English with an emphasis in literature is a traditional English minor that allows students to deepen their knowledge of literature and writing. Both the minor in English with a writing emphasis and the minor in English with a creative writing emphasis are designed to develop students' writing skills and to provide them with a way to present their accomplishments to prospective employers and graduate schools. Students who wish to minor in English will arrange a coherent sequence of courses in consultation with the departmental advisor for minors. Students should choose courses on the basis of their backgrounds, their major programs and, above all, their interests.

The program offers its majors and other students opportunities to use their talents and pursue their interests through Sigma Tau Delta, our department's chapter of the national honors society, or through bordertown, our student-run annual magazine dedicated to publishing the creative writing of MSSU students and other extracurricular activities.

General Education/Core 42 Requirements in Humanities and Fine Arts can be partially met with the English courses listed under Area 5A. **ENG 0101** is a prerequisite to all English courses except **ENG 0080** and **ENG 0111**. **ENG 0102** or **ENG 0111** is a prerequisite to all 300-400 level English courses and to all writing-intensive courses in the university. The department urges all students to complete ENG 0101 and ENG 0102 in their first two semesters.

For additional information contact:
Department of Language and Literature
Kuhn Hall 203
417-625-9377

Modern Languages (Language and Literature)

Faculty:
Watson - Chair, Liso-Aldaz, and L. Smith
Kuhn Hall • 417-625-9377

Mission

The Modern Languages Program aims to develop the language and cultural competency of students who learn to navigate effectively cross-cultural situations at home, in the workplace, and abroad. Our faculty offer a quality education in Spanish languages and cultures. Our students are given a variety of opportunities and resources to reach their fullest potential as citizens of a global community. Our goal is to help you reach yours.

The Modern Languages Program offers the Bachelor of Arts degree with an emphasis in Spanish.

A certificate in Language Competency with the goal of workforce readiness is available in Spanish.

A Certificate in Spanish for the Professions is another option available to students.

The program also offers the Bachelor of Science in Education degree in Spanish. All modern language majors must demonstrate proficiencies in reading, writing, listening, speaking and cultural protocols in the language of study

For the Bachelor of Arts and for the Bachelor of Sciences in Education degrees, there is an immersion experience requirement. Opportunities for such programs exist through University-sponsored programs, through the University's membership in the International Student Exchange Program (ISEP) and through departmentally-approved internships. The faculty provides close guidance to students in planning such experiences. Through the Institute of International Studies, students may be eligible for grants and/or scholarships to assist in financing these experiences abroad.

Immersion programs are open to all students, regardless of major.

Students with previous foreign language experience (academic and/or life experience) should consult the Department of Language and Literature for current policies on placement in the proper course for their respective chosen language. Students with no prior experience in a foreign language should enroll in a 100-level course.

Students who have taken the assessment for the Seal of Biliteracy should contact the department.

For additional information on Modern Languages contact:

Emily Boydston
Kuhn Hall 203 • 417-625-9377

Philosophy (Language and Literature)

Faculty:
Watson - Chair
Kuhn Hall 417-625-9377

The Department of Language and Literature provides students the support course (HS/PHIL 312) required by many programs in Health Sciences.

For additional information on the Philosophy program, contact:

Dr. Zak Watson • Kuhn 203
417-625-9377 • watson-z@mssu.edu

Performing Arts (Music and Theatre)

Faculty:
Sharlow - Chair, Allan, Cotter, O'Brien, and Robinson
Fine Arts Building • 417-625-9318

Mission

The Missouri Southern **Department of Performing Arts** seeks to serve the University and its community by providing access to music and theatre as a vocation or avocation through education, performance, and technology with the goal of creating performing arts supporters, entrepreneurs, participants, and professionals in music and/or theatre.

Performance Opportunities

Distinctive to Missouri Southern is the ability for all students, regardless of major, to participate in our musical ensembles and theatrical productions while taking private, one-on-one, lessons in music and acting. Students can also participate in more than

one performing arts area and aren't limited to only being in choir, band, or theatre. These opportunities provide for a variety of performance experiences makes MSSU a great place to further your performing arts interests and abilities regardless of your major.

Features of our Department

- Participation our ensembles and productions does not require you to major or minor in music or theatre.
- International travel opportunities even years - Ireland, Scandinavia, England, France, etc.
- Domestic travel opportunities odd years - NYC (Carnegie Hall), St. Louis, Chicago, Kansas City, etc.
- Workshops, masterclasses, and seminars from international professionals in the performing arts.
- Nurturing of both a vocational and avocational future in the performing arts.

The Missouri Southern State University Division of Music is accredited by the National Association of Schools of Music (NASM), meaning out degrees/certificates/courses/ensembles have been rigorously reviewed by outside music professionals and found to meet the highest standards. As a Missouri Southern music graduate, you will not only hold a degree that will be recognized for its rigor, but because of our ability to offer a variety of academic, programmatic, and performance opportunities, you will have the necessary experiences to enter the professional world of music education, performance, and industry with confidence.

Choral / Vocal Studies

The Choral and Vocal Studies Program provides the singer, regardless of major, the opportunity to perform a wide-ranging, yet complimentary, variety of music in an equally diverse number of ensembles, performances, and genre types. Our ensembles include **Concert Chorale** (large mixed choir) and **Chamber Singers** (highly-select mixed ensemble). MSSU vocalists compete alongside other state universities in competitions sponsored by the National Association of Teachers of Singing (NATS) where they consistently place in the first

and second place divisions at the district, state, and national levels.

Instrumental Studies

The Instrumental Studies Program provides the instrumentalist, regardless of major, the opportunity to perform in a variety of instrumental ensembles geared specifically for a variety of music and genres. Our two athletic ensembles include the **Lion Pride Marching Band**, the **Lion Pride Pep Band**, while our concert ensembles include the **Missouri Southern Concert Band** and the **Southern Jazz Orchestra**. Opportunities to perform in wind and brass chamber ensembles also exist. Our other various instrumental ensembles perform at a high-level while also creating a welcoming musical environment for all students.

Theatrical Studies

The Theatre Studies Program provides the actor and crew member, regardless of major, the opportunity to perform-in/work-on a wide-variety of repertoire meant for both the large and small stages. Our productions include the fall musical, and the spring straight-play. Other productions include the children's play and student-directed plays that happen throughout the year.

Degrees / Certificates

With concentrations in education, performance, and industry, our degrees and certificates will give you the essential training and experience for a career in the performing arts. No matter what area of specialty you choose, the skills you will learn at Missouri Southern will provide you with the necessary foundation to put you in the workforce immediately or prepare you for further graduate study.

The Performing Arts Department offers a variety of degrees and certificates that provide a path to achieve your dreams in music and theatre!

Education

- Music Education Instrumental, Grades K-12, BME, ES25
- Music Education Vocal, Grades K-12, BME, ES24
- Theatre/Speech Education Major, Grades 9-12, BSE, ES21

Performance

- Music Major, Instrumental Performance, BM, MU06
- Music Major, Vocal Performance, BM, MU08
- Music Major, Keyboard Performance, BM, MU07
- Music Major, Musical Theatre, BM, MU05
- Theatre Major, Theatre Performance, BFA, TH07

Industry

- Music Major, Music Industry, BS, MU10

Elective Studies

- Music Major, Electives Outside Field, BM, MU09

Liberal Arts Degrees

- Music Major, BA, MU00
- Theatre Major, BA, TH00

Undergraduate Certificate Offerings - These can be paired with any of the above degrees, or with the Bachelor of General Studies degree. They can also be earned separate from any degree.

- Theatre: Arts Administration & Leadership Certificate, TH95
- Music: Jazz Studies Certificate, MU90
- Music: Conducting Certificate, MU91
- Music: Ensemble Performance Certificate, MU93
- Music Industry Certificate, MU94
- Music Instruction Certificate, MU92
- Music: Pit Orchestra Performance Certificate, MU97
- Musical Theatre Certificate, Music, MU96
- Theatre: Theatre Industry Certificate, TH74
- Theatre: Theatre Instruction Certificate, Theatre, TH73

Minors

- Music Minor, MU80
- Theatre Minor, TH80

Graduate Certificate Offerings - Our graduate certificates, which can be paired with the Master of Science in Education Curriculum and Instruction degree in Teacher Education, include:

- Music: Applied Pedagogy Graduate Certificate, GMU1
- Music: Ensemble Pedagogy Graduate Certificate, GMU0

General Education/Core 42

There are several Performing Arts courses available for consideration to fulfill both Area 2B and 5B of general education requirements.

Area 2B Oral Communications can be fulfilled by **TH 0220 TH 0220 - Professional Interaction**

Area 5B Fine Arts can be fulfilled by

- **MUS 0100 MUS 0100 - Fundamentals of Music**
- MUS 0101 MUS 0101 - Jazz Styles & Appreciation
- **MUS 0106 MUS 0106 - World Music**
- MUS 0110 MUS 0110 - Music Appreciation
- MUS 0120 MUS 0120 - A History of Rock and Roll Music: Attitudes, Culture, and Society
- **MUS 0121 MUS 0121 - Concert Chorale**
- **MUS 0191 MUS 0191 - Marching Band**
- MUS 0192 MUS 0192 - Concert Band
- TH 0110 TH 0110 - Theatre Appreciation
- **TH 0116 TH 0116 - History of Musical Theatre**

What can you do with a performing arts degree or certificate?

Education: Bachelor of Music Education / Bachelor of Science in Speech and Theatre / Certificate in Music Instruction / Certificate in Theatre Instruction / Graduate Certificate in Music Pedagogy / Certificate in Music Conducting

- Conductor
- Director
- Teach community college
- Teach elementary music
- Teach secondary music - conduct a choir/conduct a band
- Teach secondary speech/theatre - direct a play/direct a musical
- Music Therapy

Performance: Bachelor of Music in Vocal, Instrumental, and Keyboard Performance / Bachelor of Fine Arts Theatre Performance / Bachelor of Musical Theatre / Certificate in Music Ensemble Performance / Certificate in Music Conducting / Certificate in Pit Orchestra Performance / Certificate in Musical Theatre

- Accompanist
- College applied music/theatre professor

- Music theatre performer
- Opera/oratorio singer
- Rock/pop/country artist
- Session artist
- Theatre performer

Industry: Bachelor of Science in Music Industry / Bachelor of Science in Theatre Industry / Certificate in Arts Administration & Leadership / Certificate in Music Industry / Certificate in Theatre Industry

- Acoustician
- Arts administrator
- Arts business manager
- Audio technician
- Designer: stage, lighting, costume, and set
- Instrument repair
- Talent Agent

Electives Studies: Bachelor of Music with Elective Studies in an Outside Field

- Music business
- Music engineer
- Music therapy
- Music lawyer

For additional information contact:
Dr. David Sharlow • Music Building 206
417-625-9562 • Sharlow-d@mssu.edu

Social Sciences

Faculty:

Bever- Chair, Carmichael, Eldred, Eckhart, Fischer, Greer, Locher, Shriver, Stebbins, Wagner, and Wells-Lewis
Webster Hall 245 • 417-625-9565

The [Social Sciences department](#) consists of faculty, programs and courses in Anthropology, History, International English, International Studies, and Sociology. Please see these specific headings for more information about each program.

Anthropology (Social Sciences)

Faculty:

Bever - Chair, Greer
Webster Hall • 417-625-9795

Mission

[Anthropology](#) is the story of humanity, our evolution in Africa, and subsequent movements across the planet. In addition, it addresses the range of human cultural variation, and the shared social and biological universals that together unite the species as a single whole. That holistic comparative approach is the hallmark of anthropology, which compliments the sister social and behavioral sciences, as well as the arts, humanities, foreign languages, natural sciences, economics, and health sciences.

The [minor in Cultural Anthropology](#) provides a solid introduction to the four sub-fields of the discipline, as well as its applied dimension, which addresses issues of international concern, such as development and human rights. The electives emphasize the role of culture as relating to specific regions and institutions, such as religion and globalization. A cultural anthropology minor complements majors in sociology, psychology, history, political science, foreign languages, communication, and international studies.

The Native American Students Association (NASA) is open to all students with an interest in the culture and heritage of Native North America, and provides social, educational, and service opportunities for its members.

For additional information contact:
Dr. Jill Greer • Webster Hall
417-625-9795 • greer-j@mssu.edu

History (Social Sciences)

Faculty:

Bever - Chair, Fischer, Shriver, and Wagner
Webster Hall 241 • 417-625-9565

Mission

Preparing students for dynamic leadership and responsible citizenship is the mission of the [Department of Social Sciences](#). The department provides students with the opportunity to cultivate critical thinking, communication and technological skills that will continue to be of value in the complex world of the 21st century. The faculty offers substantive instruction and intellectual challenge within the Social Sciences. The

department emphasizes opportunities to engage in the international world in support of the University's international mission. Finally, the Department of Social Sciences builds bridges to the local community through academic internships, public events, partnerships with local institutions and sponsorship of academic programs and events for students and teachers at local schools.

The Bachelor of Science in History prepares students for careers in public history such as museum curation, historic preservation, and archival management. This degree also prepares students for graduate programs in Public History, Museum Studies, and Library Science.

The Bachelor of Arts in History is recommended for students who are planning to enter law school or a graduate program in History. Both degrees prepare students for careers in business, government, and the non-profit sector.

The Bachelor of Science in Education with a major in Social Studies-History certifies a student to enter professional teaching at the secondary level.

Certificate programs are available in Public History, Latin American Studies, and Women's and Gender Studies. Minors are available in History and American Studies.

Certain History courses meet different areas of the General Education/Core 42 requirements:

- **HIST 0110** or **HIST 0120** are options in area 1B Civic Engagement.
- **HIST 0130** and **HIST 0140** are options in area 5A Humanities and area 5C Global Competencies (course applies in one area only, 2 different prefixes for area 5A)
- **HIST 0150** and **HIST 0160** are options in area 5C Global Competencies.
- **HIST 0180** is an option in area 1A Social & Behavioral Sciences and area 5C Global Competencies (course applies in one area only).

HIST 0130 or **HIST 0140** is a prerequisite for all Upper Division European courses. **HIST 0150** is a prerequisite for all Upper Division Asian History courses. **HIST 0160** is a prerequisite for all Upper Division Latin American History courses.

Student Organizations

Pi Alpha Theta is the National Honor Society in history. Pi Alpha Theta recognizes academic excellence in the field and encourages its members to participate in the activities of its national organization. Locally, Pi Alpha Theta members share many activities with the History Club.

For additional information contact:
Dr. Megan Bever • Webster Hall 245
417-625-3026 • Bever-m@mssu.edu

Intensive English Program (Social Sciences)

Faculty:
Carmichael - Director
Webster Hall 343 • 417-625-9573

Mission

The [Intensive English Program](#) (IEP) provides English as a Second Language (ESL) instruction to international and resident students whose first language is not English. The IEP provides instruction to help students reach an academic level of English in order to obtain a university degree. This supports MSSU's mission of a strong commitment to international education by enabling more international students to attend MSSU.

The English requirement for full admission to regular studies:

- A minimum [TOEFL](#) score of 68 (iBT) with a minimum writing score of 25 (iBT) OR
- A [Michigan English Language Placement Test](#) score of 85
- AN [IELTS](#) score of at least 6.0 with no sub-score lower than 5.0

There is no minimum test score required for admission to English studies before a degree program.

Students holding an [F-1 visa](#) to study in the U.S. must be enrolled full-time in academic studies. Full time academic status is 12 or more credit hours; English study is 15 credit hours per semester.

Placement:

Students are given a Michigan English Placement Test (MEPT) upon arrival and at the end of every semester. There is no charge for the test. The MEPT is one test developed by the University of Michigan and is valid only at the institution where the test is given.

Courses:

Five levels of instruction are offered based on demand. Classes are taught in the following skill areas: Reading, Grammar, Composition, Speaking/Listening and Academic Skills. All classes must be passed with a 2.0 (C) to move to the next level. Courses may be repeated only one time if necessary.

Length of Study:

The time a student spends in the IEP depends on a variety of factors including personal motivation, study skills, the language commonly used outside the classroom, level of proficiency and ability. It is expected that students complete the IEP in a specific time, set when students enroll in courses after taking the initial MEPT or other language assessment test.

Nothing herein prohibits a student from enrollment in courses at a lower or higher level than these general scores suggest, if test sub scores indicate different work in a skill area (grammar, listening, speaking, reading, writing, pronunciation) is more appropriate.

Disciplinary Policy

IEP Disciplinary policy conforms to the MSSU Academic Policies as stated in the catalog. Any IEP student falling below a GPA of 2.0 in any semester in his or her IEP course work will be placed on IEP academic probation. If the GPA is not raised to the minimum standard of progress during the probationary semester, the student is subject to academic suspension from the program.

A student receiving academic suspension may not return to the IEP for one semester and will not be re-enrolled if the student cannot present evidence that indicates a high probability of academic success.

Academic bankruptcy is not permitted in the IEP.

The Program

Students at all levels are required to enroll in a full load of IEP courses. Exchange Students at MSSU for a limited time and intending to complete their degree at another university may take IEP courses for transfer credit to their home institutions.

Exchange students are governed by the exchange agreements under which they attend MSSU and must meet the language requirements of MSSU to be admitted to regular classes.

International students or second language English students in the regular academic program at MSSU who wish to take English support classes to help their academic studies may take up to 6 hours of IEP courses each semester.

Highlights of the IEP

- Students admitted to the IEP are considered official students at Missouri Southern State University with all the accompanying rights and privileges. Unless a student has met admission requirements to the University, however, they are not admitted thereby to a degree program.
- No minimum TOEFL or other proficiency test score is necessary to enroll in IEP classes, but scores on the Michigan Tests (MELICET and MPT) are used for placement in appropriate level courses.
- Small classes offer personal attention.
- Native English-speaking conversation partners and dormitory roommates are available.
- Conversation partners and IEP tutors allow students to progress at their own pace.
- Students participate in field trips to areas of cultural interest as well as planned social activities with neighboring colleges and universities.

Visit the IEP online at: <http://www.mssu.edu/iep>

For additional information contact:
Aaron Carmichael, Director
Intensive English Program
Webster Hall 343 • 417-625-9573
iep@mssu.edu

International Studies (Social Sciences)

Faculty:

Bever - Chair, Stebbins - Director, Carmichael
Webster Hall 337A • 417-659-4442

Mission

It is the goal of Missouri Southern State University that all academic programs be enhanced through an emphasis on international education. To that end, the University has identified five goals:

1. Graduates will have an understanding of how cultures and societies around the world are formed, sustained and evolve.
2. Graduates will have empathy for the values and perspectives of cultures other than their own and an awareness of international and multicultural influences in their own lives.
3. Graduates can identify and discuss international issues and cultures other than their own.
4. Graduates have communicative competence in a second or third language.
5. Graduates have experienced or desire to experience a culture other than their own.

Several activities have been designed and implemented to help make these goals possible. They include encouraging and supporting faculty to lead student groups abroad; providing grants for faculty to internationalize the curriculum; developing bilateral exchange agreements with universities in other countries; developing "themed" semesters featuring special course offerings, lectures and cultural events of a particular country or continent; increasing the number of foreign language course sections and course offerings; and offering Performing Aid Awards for students majoring or minoring in a foreign language.

The [Institute of International Studies](#) (IIS) is committed, through its leadership, in assisting global education to become more pervasive throughout the curriculum and extracurricular activities of the University.

Finally, the Institute is committed to continual assessment of international programs and its mission to ensure that students develop not only an awareness of international problems but specific

competencies needed in business, industry, government, education and other professional areas.

Study Abroad Programs

(Semester and Year-Long Opportunities)

Missouri Southern students have many exciting opportunities to study for a semester or year in other countries. The University is a member of the [International Student Exchange Program \(ISEP\)](#), through which MSSU students can study and earn credit at some 330 colleges and universities in 50 countries around the world. In addition, students may choose to participate in the Bilateral Exchange Program. The University has negotiated a number of departmental bilateral agreements with international institutions; these exchanges are usually specific to a student's major. For semester or year-long exchanges, MSSU students studying abroad through most ISEP or Bilateral Exchange Programs pay regular MSSU tuition and similar room/board charges.

To participate in a long-term study abroad program, students must have a minimum GPA of 2.75 (higher for some host institutions); be degree seeking and enrolled full time; intend to return to MSSU to graduate; and generally have completed 60 credit hours by the time of the exchange.

More information on study abroad programs is available on the Institute of International Studies website: <http://www.mssu.edu/international-studies/>

International Studies Major

The International Studies major has been replaced with the International & Political Affairs major, which includes multiple areas of emphasis. Students who are interested in international studies and studying another language are advised to major in IPA with an emphasis in Global Cultural Studies. Furthermore, it is recommended that those students pursue a certificate in and/or Global Citizenship.

Social Work (Social Sciences)

Faculty:

Bever - Chair, Eldred Program Director, Eckhart
Mills-Anderson Justice Center 154 • 417-625-3144

Social Work is an autonomous program housed within the Social Sciences department. Social Work Program provides a learning environment where students are taught to think critically, participate actively in their education, and grow as individuals while respecting the rapidly changing global society. Experiences in classroom, campus, and community demonstrate how to implement anti-racist and anti-oppressive perspectives that directly impact social, racial, economic, and environmental justice. Through competency development, students demonstrate best practice knowledge, values and skills to become effective change agents with individuals, families, groups and communities, and provide outstanding ethical leadership in the field.

Mission

The [Social Work Program](#) will provide a learning environment where students are taught to think critically, be creative, participate actively in their education, and grow as individuals while respecting the rapidly changing and diverse world in which they will live and practice social work. Class work and special student work experiences must demonstrate how to relate effectively to all types of people and to appreciate how emotional, social, economic, political, and spiritual forces influence the behavior of those we are helping. We strive to develop competent, ethical professionals with the knowledge, values and skills for effective practice with individuals, families, groups and communities, and who can provide outstanding leadership in the field of social services.

Why a Career in Social Work?

What Social Workers Do: Professional social workers provide intervention strategies to work with individuals, families, and groups to enhance well-being and assist in developing community conditions that support and protect human rights. Social workers provide services to diverse populations through psychosocial services and advocacy (NASW, 2021). Social workers are needed at all stages of life and empower others with evidence-based strategies, promote strengths-based problem solving, and advocate for just policies. They address a broad range of social issues that can include child welfare, poverty, aging, discrimination, mental illness, addiction, disability, and illness.

Job Availability: According to Bureau of Labor Statistics, there were more than 680,000 social workers in the United States in 2016. There is an expected growth in jobs of 16 percent by 2026, making social work one of the fastest growing professions.

Prepare for Graduate School: Graduates with a BSW wanting to obtain a Master's in Social Work (MSW) can potentially apply for Advanced Standing status which reduces the graduate credit hours required for completion of the degree.

Job Satisfaction: Social work is a career that appeals to those who want to improve the world through caring, professional practice. They go home at the end of the day knowing they have helped people. It is a "hands-on" profession.

Purpose of the Profession

Purpose of the social work profession is grounded in core professional values of service, social justice, the dignity and worth of the person, the importance of human relationships, integrity, competence, human rights, and scientific inquiry. These values are consistent with the international affairs mission of MSSU in terms of producing social workers more sensitive to cultural diversity and committed in their ability to contribute to society as a whole. Additionally, the region is beginning to see an influx of diverse cultures. Thus, the mission of the Social Work Department is well matched with the political, economic, social, cultural, and demographic environment of the region and to the purpose of the profession.

Community Practicum

The Bachelor of Social Work field education is an important component of the social work curriculum because it provides hands-on training for students to practice their social work theoretic knowledge, values, skills, and cognitive and affective process needed for generalist professional practice. Students are placed in an approved agency that focuses on the development of their professional direct social work practice. It is considered the signature pedagogy for social work as it teaches future practitioners "the fundamental dimensions of professional work in their discipline- to think, to perform and to act ethically and with integrity" (CSWE, 2017). The field education requires 450-

hours of field placement that is completed over two sequential semesters in the fall and spring semesters of BSW students' senior year.

How Do I Enroll?

Upon admissions to MSSU, students may declare social work as their projected major. These students are considered pre-social work majors. As a pre-social work major, you will be assigned an advisor in the social work department. Declared as a major in pre-social work does not guarantee admittance into the social work program. All students intending to major in social work are required to apply to the social work program and complete the formal admission process to be fully accepted as a social work major.

Applications are only accepted once a year and are due by March 15th. Applications submitted after the deadline will not be considered. Incomplete applications may result in not being considered.

Students who are planning to pursue a BSW degree must complete the following steps:

1. Complete the general education requirements for MSSU
2. Complete the pre-requisite courses with a grade of C or above: PSY 100: General Psychology; SOC 110: Introduction to Sociology; PSC 120 American Government or concurrent enrollment
3. Have a cumulative GPA of 2.70 or higher
4. Preferred completion of SW 231 with a grade of C or better; or enrollment at the close of the application semester

For more information please visit:
<http://www.mssu.edu/academics/arts-sciences/social-work/>

For additional information contact:
417-625-3144 •

Sociology (Social Sciences)

Faculty:

Bever- Chair, Greer, Locher and Wells-Lewis
Webster Hall 245 • 417-625-9565

Mission

The primary mission of the [Sociology Program](#) is to prepare our students for dynamic leadership and responsible citizenship in their communities, their nation, and the world. The program also contributes to the broader mission of the University by providing students the opportunities to cultivate critical thinking, communication, and technological skills that will develop an awareness of and engagement with the complex social issues of the 21st century. The faculty seeks to offer substantive instruction and intellectual nurture in Sociology, and to assist the advancement of higher-order thinking students can apply to their own lives as individuals, professionals, and citizens. The program's mission includes an emphasis on opportunities to engage the broader international world, consistent with the University's international mission. Finally, the Sociology Program seeks to build bridges and avenues of communication between the University and the community, through academic internships, public events, and partnerships with local institutions, and the sponsorship of academic programs and events for local students and their teachers.

A Bachelor's degree in Sociology prepares students for a variety of occupations and graduate programs. The student may select from a [Bachelor of Arts \(B.A.\) in Sociology](#) or a [Bachelor of Science \(B.S.\) in Sociology](#). A Bachelor of Science in Education degree - Social Studies major, Sociology emphasis is also available, in conjunction with the Teacher Education program and certifies a student to teach on the secondary school level. Sociology graduates pursue many different careers, which include but are not limited to those in human and social services, human resources, business, or teaching. Advanced graduate or professional school training would also be a choice for the student who successfully completes one of our bachelor degrees.

A minor in sociology provides students majoring in other areas with specialized interpersonal, group, and organizational knowledge and skills.

Our department sponsors a variety of student organizations including the Sociology Club and Alpha Kappa Delta (the national honor society for sociology students).

For additional information contact:

Dr. Megan Bever

Webster Hall 245

417-625-3026 • Bever-m@mssu.edu

College of Business, Communication and Technology

College Dean
Dr. Elke Howe
Plaster Hall 302 • 417-625-9319

The **College of Business, Communication, and Technology (CBCT)** houses four departments with dozens of programs and certificates: The Plaster School of Business, the Communication Department, the Mathematics Department, and the Technology Department, which includes Engineering Technology and Computer Information Science.

The mission of the College of Business, Communication, and Technology is to empower students with knowledge, skills, and experiences that prepare them for success in a rapidly evolving global landscape. The College is committed to fostering a dynamic learning environment that integrates cutting-edge technology, effective communication, and innovative business practices. The CBCT emphasizes hands-on learning, experiential projects, and industry partnerships to ensure students are well-prepared to meet the challenges of today's competitive job market. The College is dedicated to nurturing the next generation of professionals who will drive innovation, embrace change, and make a meaningful impact in the fields of business, communication, mathematics, engineering technology, and computer information science.

College of Business Departments

Plaster School of Business

Accounting
Business Education
Entrepreneurship
Finance
General Business
International Business
Management
Marketing
Graduate Business
Communication
Mathematics
Technology
Computer Information Science
Engineering Technology
Logistics

Master Degree Programs

- *NEW Data Analytics, Master of Science
- Management, Master of Science
- Management, HR Emphasis, Master of Science

Bachelor Degree Programs

- General Studies, BGS
- Accounting Emphasis, BS in Business Administration, AC00
- Business Education Major, Grades 9-12, BSE
- CIS Major, Information Technology Option, BS CI11, Minor in Continuous Process Improvement, IE85
- CIS Major, Information Technology Option, BS, CI04
- CIS/Criminal Justice Administration Major, Computer Forensics Option, BS, CI05
- CIS/Mathematics Major, Computational Math Option, BS, CI02
- Communication Major, Mass Communication, BA, CO02
- Communication Major, Mass Communication, BS, CO06
- Communication Major, Public Relations, BA, CO00
- Communication Major, Public Relations, BS, CO05
- Industrial Engineering Technology Major, BS, IE00
- Finance Emphasis, BS in Business Administration, FN10
- General Business Emphasis, BS in Business Administration, GB00
- International Business Emphasis, BS in Business Administration, IB00
- Logistics Major, BS, IE03
- Human Resources Management Emphasis, BS in Business Administration, MM04
- Management Emphasis, BS in Business Administration, MM00
- Marketing Emphasis, BS in Business Administration, MM03
- Mathematics, BS, MA00
- Mathematics/CIS Major, Computational Mathematics Option, BS, MA01
- Mathematics Education Major, Grades 9-12, BSE

Associate of Science

- CIS Major, Information Systems, AS, CI07
- Manufacturing Engineering Technology Major, AS, IE02

Certificates

- Digital Marketing Communication, CO91
- Integrated Marketing Communications/Public Relations, CO92
- Professional Communication Certificate, CO90
- Stakeholder Engagement, Communications, CO93
- App Development, CIS, CI90
- Information Assurance & Security, CIS, CI92
- Website Administration, CIS, CI91
- Automation Certificate, Engineering Technology, IE88
- Continuous Process Improvement Certificate, IE86
- Six Sigma Black Belt Certificate (Option A), Engineering Technology, SS81
- Six Sigma Green Belt Certificate (Option A), Engineering Technology, SS80
- Digital Marketing Communication, MM72
- Integrated Marketing Communications/Public Relations, MM71
- Professional Communication, MM70
- Math Tutor Level I Certificate, MA90
- Math Tutor Level II Certificate, MA91

Graduate Certificates

- *NEW Business Analytics Graduate Certificate, GMM1
- Human Resources Management Certificate, GMM0

Minors

- Accounting Minor, BSBA Degree Candidates, AC81
- Accounting Minor, Non-BSBA Degree Candidates, AC80
- Communication Minor, Mass Communication, CO80
- Communication Minor, Multimedia: Comm Emphasis, MM84
- Communication Minor, Public Relations, CO81
- Communication Minor, Speech, CO82
- CIS Minor, Information Assurance & Security, CI84
- CIS Minor, Information Systems, CI80
- CIS Minor, Network Systems Administration, CI82
- CIS Minor, Website Administration, CI83
- Economics Minor, BSBA Degree Candidates, EC85
- Economics Minor, Non-BSBA Degree Candidates, EC86
- Entrepreneurship Minor, MM88
- Finance Minor (BSBA Degree Candidates), FN85
- Finance Minor (Non-BSBA Degree Candidates), FN86
- General Business Minor (Non-BSBA Candidates), GB80
- International Business Minor, IB80
- Human Resource Management Minor, MM81
- Management Minor, MM82
- Quality Management Minor, MM85
- Marketing Minor, MM83
- Multimedia Minor, MM84
- Mathematics Minor, MA80

Communication

Faculty:

Kim - Chair, Bryant, Mehrens, and Slavings

Webster Hall 362 • 417-625-9596

Mission

The mission of the faculty, staff, and students in the [Department of Communication](#) is to investigate, create, and disseminate information to a global public using a variety of communication and media channels. The learning and practical experiences provided by the department support the University's mission to prepare students for successful careers and lifelong learning.

Core Values

- Communication studies can provide the basis for a productive career and a rewarding personal life.
- Missouri Southern graduates in communication have found successful careers in media, government, education, public relations, and hospitals, as well as local, national and international organizations.
- A major in communication offers an array of career opportunities in such fields as television, radio, journalism, social media, and corporate and public relations.
- Communication curriculum acknowledges the diversity and interconnectedness among peoples, promotes an understanding of human values and prepares its students for leadership in a competitive world.
- Faculty members emphasize multimedia communication exemplified by speaking and writing skills as well as technical knowledge related to mass media production and theory.
- Faculty members are committed to the continual assessment of programs to ensure that students develop communication competencies sought by business, industry, government, education and the professions.

Majors

Students pursuing a Bachelor of Arts or Bachelor of Science in Communication have two options:

Mass Communication offers students the necessary abilities in producing programs in digital media and/or designing and writing for journalism.

This option emphasizes the technical skills, creativity and demand for understanding target audiences in mass media. Students gain hands-on experience in television, radio and print laboratories.

Public Relations allows students to develop a specialty focusing on the aspects of promoting and showcasing organizations through strategic communication.

The communication department also offers the following for education majors:

Speech Communication and Theatre is a Bachelor of Science degree in Education earned in conjunction with the School of Education.

Media outlets and Student organizations

- KGCS-TV, digital broadcast station and cable service
- KXMS: Fine Arts Radio International, a 24-hour-a-day radio station
- The Chart, a student-operated newspaper published weekly
- MSSU Media Club
- MarComm

Professional memberships

- Missouri Broadcasters Association
- College Broadcasters Inc
- Society of Professional Journalists
- Lambda Pi Eta: Official Honor Society at National Communication Association

Applied Learning

Internships, study abroad seminars, and courses emphasizing practical experience allow students to gain professional skills in the fields they may wish to pursue. Students are required to complete a professional portfolio as the capstone component of their degree from the communication department.

General Education Requirements for all students of the University include COMM 100 Oral Communication.

Want to find out more about student-operated media opportunities at MSSU?

KGCS (TV) • mssu.edu/kgcs

KXMS (Radio) • mssu.edu/kxms
The Chart • thechartonline.com

KXMS (Radio) • mssu.edu/kxms

For additional information contact:
Ildo Kim, Department Chair
Webster Hall 362 • 417-625-9596
kim-i@mssu.edu

Mathematics

Faculty:

Johnson - Chair, Appuhamy, Boswell, Coltharp,
Charles Curtis, Carrie Curtis, Horvath, Lathrom
Reynolds Hall • 417-625-9376

Mission

The [Mathematics Department](#) of Missouri Southern fills several key roles within the University. The Department contributes to the breadth of all majors on campus by providing the mathematics portion of the General Education Core 42 Requirements. For disciplines with a larger quantitative component, the Department offers courses that develop the mathematical tools that students in these disciplines will require. The Department provides a pair of courses to increase future elementary teachers' command of mathematics and imbue them with confidence in its use. For prospective middle school and secondary mathematics teachers, the department offers a comprehensive curriculum designed to ensure that these students have both a mastery of the material they will be teaching and a depth of understanding that will allow them to see this material in a larger context. Additionally, the Department provides a comprehensive mathematics major, preparing students for careers in the academic, industrial or governmental arenas and a computational mathematics option, which allows a student to obtain a double major in mathematics and computer science. The faculty of the Mathematics Department of Missouri Southern State University are committed to excellence in teaching and learning. Recognizing that a successful department is dependent on successful students, the faculty devotes a great deal of energy to communicating mathematics effectively both in and out of the classroom. Department faculty constantly pursue techniques to further the effectiveness of their

teaching and to promote an environment conducive to the current and future success of its students.

In an increasingly technological society, applications of mathematics continue to increase in variety. Persons with quantitative ability and training are in high demand. Career opportunities exist in a diversity of fields such as engineering, computer science, economics, statistics, operations research, management and education. Missouri Southern graduates are enjoying success in all of these areas. Some graduates choose to begin careers immediately upon graduation; others choose to continue their education in graduate school. The curriculum is designed to prepare students for either path.

General Education Requirements for the **associate of science** degree can be met with any mathematics course numbered 030 or above.

For students majoring in mathematics, mathematics education, or computational math (or minoring in math), only courses in which they have earned a grade of 'C' or above can be used to satisfy departmental mathematics requirements and supporting requirements. Mathematics courses used as prerequisites require a grade of 'C' or better. Placement in the first college math course is based on the student's score on the Mathematics Section of the ACT. More information is available in the individual course description, the [Mathematics Department](#) Office or on the following website: www.mssu.edu/academics/arts-sciences/math-placement.php.

For additional information contact:
Dr. Kerry D. Johnson • Nixon Hall 002
417-625-9675 • johnson-k@mssu.edu

Robert W. Plaster School of Business

Mission

The Robert W. Plaster School of Business educates and graduates undergraduate and graduate students prepared for the global community by providing quality, student-centered, accessible business education programs.

Vision

The Plaster School of Business will be a respected school of choice, distinguished for educating and preparing our students with the knowledge and skills necessary to thrive in the global community. We will promote faculty excellence in teaching, engage in applied research to advance the practice of business and the effectiveness of teaching and learning, and develop close relationships with our community and regional businesses to serve stakeholder needs.

Core Values

- **Academic Excellence**
We promote an environment that facilitates and supports learning, collaboration, and communication by both faculty and students directed at scholarly activity and the application of knowledge.
- **Community Engagement**
We respond to the needs of our regional and global community by preparing ethical and productive citizens and by providing services that support economic development.
- **Innovation**
We cultivate a spirit of entrepreneurship by developing new offerings and activities and by incorporating technological and pedagogical advances that support the learning environment.
- **Respect Centered Culture**
We promote an inclusive, transparent environment where diverse perspectives are welcomed and appreciated.
- **Continuous Improvement**
We commit to continually assess and improve our programs and activities in support of our mission, vision, and core values.

Faculty: Douglas - Associate Dean, Nichols - Chair, Abrahams, Baker, Buccieri, Burink, Butt, Carson, Combs, Cravens, Dawson, Dhingra, Dille, Holtzen, Huffman, Kumar, Myers, Schmidt, Slinkard, Yantis

Plaster Hall 310F - 417-625-9599

Accounting

The BSBA with an emphasis in accounting course of study is designed to prepare the student to enter any area of the accounting profession, to successfully complete the Certified Public

Accountant or other professional certification examination and/or to enter graduate school.

A minor in accounting for both BSBA and non-BSBA degree candidates is also offered.

150-Hour Recommendations

Students seeking the BSBA with an emphasis in accounting should take note of the requirements for entry into the profession. The State of Missouri requires 150 hours of college credit, including an undergraduate degree, before a candidate may sit for the Certified Public Accountant examination. Most other states have similar requirements. The American Institute of Certified Public Accountants requires new members to have 150 semester hours of college credit in order to join. Students seeking the BSBA with an emphasis in accounting desiring to meet this requirement should note the "150-hour" recommendations at the end of the BSBA suggested order of study. Students may find it helpful to concentrate any remaining hours in a single area such as finance, computer science, communications, a foreign language, or similar pursuits. Students may wish to consider a double-major in Accounting and CIS.

Finance

The BSBA Finance emphasis course of study is designed to provide a quality comprehensive educational environment to students for the development of the critical, personal, professional, and intellectual competencies necessary for success in the complex and dynamic global business world.

Entrepreneurship

The Bachelor of Science in Entrepreneurship degree will help students identify their own entrepreneurial potential and recognize entrepreneurial opportunities in their environment. The degree will enable students to obtain knowledge useful in pursuing their own new venture start-ups or expanding existing businesses.

General Business

The BSBA General Business emphasis course of study is intended to give the broadest possible background to the graduate and to prepare the graduate for managerial positions in the public and private sectors.

Human Resource Management

The BSBA Human Resource Management emphasis course of study prepares graduates for positions in Human Resource Management. Today's corporations, organizations and non-profits all require professionals with Human Resource training. The Human Resource Management programs at the Plaster School of Business have been recognized by the Society for Human Resource Management (SHRM) and coordinates with professional certification requirements.

International Business

The BSBA International Business emphasis course of study is designed to provide a quality comprehensive educational environment to students for the development of the critical, personal, professional and intellectual competencies necessary for success in the complex and dynamic global business world.

Management

The BSBA Management emphasis course of study is designed to prepare the graduate for entry-level positions of responsibility in the for-profit, nonprofit and public sectors.

Marketing

The BSBA Marketing emphasis course of study is intended to prepare graduates for positions in personal selling, product and services marketing, promotions, consumer behavior, marketing and sales analysis, retailing and supply chain logistics.

For additional information contact:
Business Student Advising • Plaster Hall 310
417-625-3182 • psb@mssu.edu

Technology

The Department of Technology includes Computer Information Science (CIS), Engineering Technology (ET), and Logistics.

Mission

The Department of Technology provides programs designed to develop leaders in industry and society as a whole by providing a quality education to students that is application-oriented and connected to the needs of regional and global businesses.

Computer Information Science (CIS)

Faculty:
Collins and Bhardwej
Plaster Hall 223 • 417.625.9383

Fundamental Values

Pursuant to the department's educational mission, the faculty:

- Maintains the currency of the curriculum through ongoing research and consultation with industry representatives.
- Engages in professional development that allows its members to remain current in their fields and to provide technological leadership to the university community.
- Is committed to the success of its students, both during and after college.

Program Goals

The Computer Information Science program will produce graduates who:

- Understand and can utilize core information technologies.
- Can analyze, design and implement effective technology based solutions.
- Have requisite communication and quantitative skills.
- Work effectively as team members.
- Are committed to lifelong personal and professional development.
- Conduct themselves in an honorable and ethical manner.

Curricula Options

Within this context, the Department offers the following curricula options:

- Bachelor of Science in CIS-Information Technology
- Bachelor of Science in CIS-Information Technology with a certificate in Continuous Process Improvement
- Bachelor of Science in CIS-Computational Mathematics
- Bachelor of Science in CIS-Computer Forensics
- Associate of Science in CIS
- Certificate in App Development
- Certificate in Information Assurance & Security
- Certificate in Website Administration
- Minor in CIS-Network Systems Administration

- Minor in CIS-Information Systems
- Minor in CIS-Website Administration
- Minor in CIS-Information Assurance and Security

The three **Bachelor of Science in CIS** alternatives prepare the student for graduate school or entry-level positions such as systems programmer, systems analyst, applications programmer, database administrator, computer forensics analyst, user support specialist, network administrator or website administrator.

Information Technology are distinguished by selected courses that develop the student's understanding of an organization's information requirements and procedures for designing and implementing an information system that will facilitate its management. The Information Systems option results in a minor in Business while Information Technology allows the most flexibility in selecting supporting courses.

Computational Mathematics meets the requirements for a double major in Computer Information Science and Mathematics. The student takes CIS and mathematics classes that develop an expertise in applied mathematics and the theoretical foundations of computer science. Such knowledge is required to design and implement computer solutions for a wide range of problems encountered in science and engineering.

Computer Forensics fulfills the requirements for a double major in Computer Information Science and Criminal Justice Administration. Computer Forensics involves techniques for securing computer networks as a precaution against criminal threat. In addition, it includes the identification, extraction, preservation and documentation of computer evidence for the purpose of identifying and prosecuting perpetrators of computer-based crime.

A minor or associate of science provides the student pursuing some other major with a credential and expertise in computing, an enhancement that is becoming increasingly important in almost every area of science, education, business and the arts. The Network Systems Administration alternative is designed to provide the student with the knowledge base necessary for managing local/wide area

computer networks, as well as being able to provide user support and training in the area of personal computer hardware and application software. The Website Administration curriculum focuses on the knowledge and skills needed to build and provide on-going support for effective and useful Internet websites. The Information Assurance and Security minor develops the skills needed for the protection of computer networks and institutional data.

In addition to these options, the Computer Information Science Department in collaboration with other departments within the Plaster School of Business has developed a curriculum alternative that will qualify the student for a Bachelor of Science in CIS, along with a Bachelor of Science in Business Administration degree with a selected emphasis such as accounting, finance and economics, marketing, management, international business or general business.

The nature of Computer Information Science is such that a student selecting this major should enjoy and have a talent for solving problems. The effectiveness of the CIS curricula is measured by the success of our graduates. Their average starting salaries are among the highest when compared to other majors and placement records indicate that they have enjoyed an excellent placement rate. Many hold positions as middle and upper-level managers for a wide range of organizations and several have earned graduate degrees.

Only courses in which a student has earned a grade of 'C' or above will satisfy departmental requirements for the major or minor in Computer Information Science.

For additional information contact:
Tracy Houk, Department Administrative Assistant
Plaster Hall, Room 223E • 417.625.9383
hok-t@mssu.edu

Engineering Technology (ET)

Faculty:
Wilson - Interim Chair, Gupka and Pizarro
Ummel Technology 153 • 417-625-9849

Curricula Options

The department offers a variety of instructional programs. These programs are:

- * Industrial Engineering Technology (IET)[^], BS
- * Manufacturing Engineering Technology (MET), AS
- * Automation Certificate
- * Continuous Process Improvement Certificate
- * Certification - Six Sigma Black Belt and Green Belt

[^]*Designates program that has been accredited by the Engineering Technology Accreditation Commission of ABET.

Industrial Engineering Technology (IET), BS

The Bachelor of Science in Industrial Engineering Technology program provides a broad curriculum focused on determining the most effective and efficient ways to make a product or to provide a service. Industrial Engineering Technology is concerned with increasing productivity and quality and reducing costs through the management of people, methods of business organization and technology. Industrial Engineering Technologists have skills and knowledge that allow them to work in a wide variety of businesses. The curriculum prepares individuals for positions such as industrial engineer, quality engineer, manufacturing engineer, project engineer, process engineer or improvement specialist, as well as graduate school.

The Industrial Engineering Technology program at Missouri Southern is unique in terms of the work-based learning opportunities students experience. Through working collaboratively with industry partners, our IET students participate in multiple industry projects where they develop exceptional levels of competencies in problem-solving, communication, and project management skills. This close relationship with industry is one of the reasons our students are afforded the opportunity to earn their Six Sigma Green Belt and/or Black Belt certification should they choose to do so.

Program Educational Objectives

The program educational objectives are broad statements that describe what Industrial Engineering Technology graduates are expected to accomplish

within a few years of graduation. The Engineering Technology department at Missouri Southern will produce graduates who:

1. have the technical and managerial skills necessary to develop, implement, and improve integrated systems that include people, materials, information, equipment and energy.
2. function effectively on teams.
3. communicate effectively with professionals and lay audiences.

Student Outcomes:

The IET program uses the ETAC of ABET Student Outcomes. Student outcomes are abilities that students demonstrate while they are in the IET program.

Students in the IET program will demonstrate:

- (1) an ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering and technology to solve broadly-defined engineering problems appropriate to the discipline,
- (2) an ability to design systems, components, or processes meeting specified needs for broadly-defined engineering problems appropriate to the discipline;
- (3) an ability to apply written, oral, and graphical communication in broadly-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature;
- (4) an ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results to improve processes; and
- (5) an ability to function effectively as a member as well as a leader on technical teams.

Manufacturing Engineering Technology (MET), AS

The Associate of Science in Manufacturing Engineering Technology program prepares students for a broad range of career opportunities in both traditional and computer-automated manufacturing environments.

Students graduating with the Associate of Science in Manufacturing Engineering Technology enter employment in manufacturing industries with positions such as technicians, CNC programmers, first-line supervisors or continue their education by pursuing a baccalaureate degree in one area.

Automation Certificate

The use of industrial technology is continually growing throughout the world. There is need for people who know how to program and operate industrial robots. There is also a need for people who understand how industrial robots integrate with manufacturing processes.

The certificate in automation prepares students for automation related careers in process control, manufacturing, computerized hardware/software integration and sustainable automated systems.

The certificate in automation is designed to be taken in combination with the field of Industrial Engineering Technology as well as the fields of Computer Information Science, Computational Mathematics, Physics, and Physics-Engineering.

Continuous Process Improvement Certificate

This certificate was developed for non-Engineering Technology majors and focuses on skills and techniques used to improve processes and systems in a variety of industries. Any student majoring in business, health, criminal justice, CIS, biology, chemistry, technical writing or other fields will increase their competitiveness with this certificate because any organization benefits from reducing cost and increasing productivity and quality. Some examples of industries who are looking for improvement analysts include Biotechnology, Pharmaceuticals, Food, Chemical Industry, Healthcare Services, Telecommunications Services, Medical Devices and Supplies, Financial Services, Insurance, Law Enforcement, Business Services, Computer Software, Computer Hardware, Management Consulting Services, Government and Military Engineering Services, Mortgage Industry, Aerospace and Defense, as well as Energy and Utilities.

Six Sigma Green Belt and Black Belt Certification

This program is designed to provide participants with the knowledge, techniques and tools necessary to successfully fulfill the Green Belt or Black Belt role in many sectors of industry.

Six Sigma is a data-driven methodology used to improve a product or process. Six Sigma has become the world standard for manufacturing as well as service companies. Six Sigma is about understanding customer requirements, tying improvements to strategic goals of the company, quantifying the financial benefits of improvement projects and following a disciplined process in applying statistical tools to achieve a "near-perfect" process.

Facilities

The department provides an excellent environment for instruction and has several laboratories with sophisticated design, production and testing equipment. The manufacturing laboratory at Missouri Southern State University is a modern facility for learning about manufacturing processes. The lab contains full-size industrial machining and automation equipment including manual lathes and milling machines, CNC machining centers, robots, and 3D printers. The material testing lab is a hands-on laboratory where students gain experience on the following equipment: metallurgical prep equipment and microscope, impact tester, universal testing machine, Rockwell hardness tester, micro-hardness tester and precision measuring equipment. Our computer facilities are equipped with personal computers and software including Minitab, Design Expert, Inventor, Mastercam, MS Project, and Visio.

For additional information contact:
Dr. Claudia Wilson, Interim Department Chair
Department of Technology
Ummel Technology 153
417.625.9849 • Wilson-c@mssu.edu

College of Health, Life Sciences, and Education

Interim College Dean: Lorinda Hackett
Taylor Hall Education Building 218B • 417-625-9307

Mission

The mission of the College of Health, Life Sciences, and Education is to create an inclusive and equitable learning environment that promotes intellectual and personal growth through scholarship, research and practical application. Innovative academic programs, supported by the liberal arts and global perspectives will foster student growth as a professional. The college is dedicated to the advancement of knowledge and skills with integration of inter-professional and interdisciplinary education for the improvement of society and service to all its stakeholders.

Role

The College of Health, Life Sciences, and Education is one of the three major instructional entities of Missouri Southern. As such, it offers quality instruction by and under the leadership of professional educators who also have the advantage of work experience in business, education, government, healthcare, and industry.

Courses offered by individual departments within the College of Health, Life Sciences, and Education are specifically career oriented toward a specialized field. The faculty in these departments recognize the necessity of providing an understanding of the relationships between careers and society; therefore, courses from the fine arts, humanities and natural sciences, as well as courses to refine a student's ability to read, write, speak and think are a required part of each department's curriculum. As a result, the students majoring in the various curricula in the College of Health, Life Sciences, and Education are an integral part of the entire student body.

All courses offered in the College of Health, Life Sciences, and Education are designed to provide students with the experience, skills or expertise that enable them to enter their professional field and

meet requirements imposed by any certifying and licensing examination that may be required.

All departments work closely with community stakeholders through advisory boards composed of professionals unique to the program. The advisory board assists the faculty of the various departments in maintaining relevancy of curriculum content and partnering for experiential learning.

Objectives

The objectives of the College of Health, Life Sciences, and Education are:

1. to ensure the transmission of knowledge regarding the social, historical and philosophical foundations of each discipline;
2. to foster an awareness of the cultural diversity that exists in society and to provide knowledge relative to the contributions made by various cultures in each discipline;
3. to integrate and apply technology relevant to research and professional productivity;
4. to develop critical thinking, communication and professional collaboration skills;
5. to instill an awareness and understanding of the personal and professional impact of participation in professional organizations and a commitment to life-long learning;
6. to develop professional attitudes and ethical standards;
7. to support opportunities for faculty and staff to remain current and to conduct research in their respective disciplines;
8. to provide instructional facilities and equipment essential to the delivery of effective instruction;
9. to encourage faculty to provide consultation services and to otherwise serve as resources for the area and,
10. to maintain the viability of the School of Education's programs through systematic and continuous assessment, evaluation and modification,
11. to offer quality programs, and in areas where required, maintain program content necessary for state approval and national accreditation.

College of Health, Life Sciences, and Education

Departments

Allied Health

Dental Hygiene
Emergency Medical Services
Health Sciences
Healthcare Administration
Medical Laboratory Science
Radiologic Technology
Respiratory Care

Biology and Environmental Health

Kinesiology

Nursing

Psychology

Teacher Education

Graduate Education

Master Degree Programs

- Education, Teaching, Master of Arts, GR17
- Education, Administration, MSED, GR13
- Education, Curriculum and Instruction, MSED, GR08
- *NEW Healthcare Administration, MS, GR19

Bachelor Degree Programs

- General Studies, BGS
- Biology Major, Biotech Micro Gen, BS, BI01
- Biology Major, Ecol Marine Cons, BS, BI02
- Biology Major, General Biology, BS, BI04
- Biology Major, Phys/Occup Thpy BS, BI05
- Biomedical Sciences Major, BS, Biology, Multiple Options BI12-BI16
- BioMedical Sciences MKEAP Major, BS, BI21
- Environmental Health and Safety, BAS1, BAS2
- Environmental Health and Safety Major, BS, EH02
- Environmental Health and Safety Major, BS, EH04 Distance Track
- Health Science Major, Dental Hygiene Option, BS, HS01
- Health Science Major, Paramedic Option, BS, HS06
- Health Science Major, Radiologic Technology Option, BS, HS02
- Health Science Major, Respiratory Care Option, BS, HS03
- Healthcare Administration, BS, HA00
- Exercise Science Major, Kinesiology, BS, KI00
- Sport & Recreation Management, Business Emphasis, BS, KI04
- Sport & Recreation Management, Kinesiology Emphasis, BS, KI03
- Medical Laboratory Science, BS, ML00
- *NEW Nursing RN to BSN, NU02
- Nursing, BS, NU00
- Psychology Major, BA, PY01
- Psychology Major, BS, PY00
- Elementary Education Major, Early Childhood Education (B-3), BSE, EE01
- Elementary Education Major, Grades 1-6, BSE, EE14
- Elementary Education Major, Grades 1-6, English Language Learner (ELL) K-12, BSE, EE04
- Elementary Education Major, Special Education Major, K-12, BSE, EE03

- Art Education Major, Grades K-12, BSE, ES08
- Biology Education Major, Grades 9-12, BSE, ES09
- Business Education Major, Grades 9-12, BSE, ES10
- Chemistry Education Major, Grades 9-12, BSE, ES04
- English Education Major, Grades 5-9, BSE, EM22
- English Education Major, Grades 9-12, BSE, ES12
- French Education Major, Grades K-12, BSE, ES13
- Mathematics Education Major, Grades 5-9, BSE, EM21
- Mathematics Education Major, Grades 9-12, BSE, ES15
- Music Education Instrumental, Grades K-12, BME, ES25
- Music Education Vocal, Grades K-12, BME, ES24
- Physical Education Major, Grades K-12, BSE, ES06
- Science Education Major, Grades 5-9, BSE, EM23
- Social Science Education Major Option 1, 9-12, BSE, ES26
- Social Science Education Major Option 2, 9-12, BSE, ES27
- Social Science Education Major, 5-9, BSE, ES24
- Spanish Education Major, Grades K-12, BSE, ES20
- Theatre/Speech Education Major, Grades 9-12, BSE, ES21

Associate Degree Programs

- Dental Hygiene Major, AS, DH00
- Radiologic Technology Major, AS, RA01
- Respiratory Care Major, AS, RE00

Certificates

- Unmanned Aircraft Systems (Drone) Biology, BI90
- Advanced EMT Certificate, PA82
- Advanced Practice Paramedicine Certificate, PA90
- Emergency Medical Technician Certificate, PA80
- Firefighter, Certificate, PA91
- Paramedic Certificate, PA81
- Environmental Health and Safety General Awareness Certificate, Environmental Health, EH84
- Environmental Occupational Health & Safety Certificate, Environmental Health, EH87
- Environmental Protection Certificate, Environmental Health, EH85
- Environmental Public Health Certificate, Environmental Health, EH86
- Hazardous Material Management, EH88
- Healthcare Business Certificate, HA90
- Nutrition Certificate, KI93
- Exercise Science Certificate, KI92
- Coaching Certificate, Kinesiology, KI90
- Rehabilitation Science Certificate, KI95
- Behavioral Neuroscience Certificate, Psychology, PY95
- Applied Behavior Analysis, PY93
- Autism Spectrum Disorder, PY92
- Clinical and Counseling Psychology Certificate, PY94
- Developmental Psychology Certificate, PY90

Minors

- Biology Minor, BI80
- Psychology Minor, PY80

Allied Health Department (Dental Hygiene, Emergency Management Services, Health Sciences, Healthcare Administration, Radiologic Technology and Respiratory Care)

Department Chair: Whiteman
Julio Leon Health Sciences Building

Dental Hygiene

Faculty:
Pyle - Program Director, Christian, Merritt and Rogers

Mission

Missouri Southern State University's Dental Hygiene program empowers students to become life-long learners and facilitate the development of ethical and competent oral healthcare professionals, who provide patient care to a diverse population utilizing innovative technologies.

Goals

Goal 1. Provide quality education that reflects best practices in dental hygiene in order to become an ethical licensed oral healthcare professional.

Goal 2. Engage students in outreach activities that serve a diverse patient population in our community.

Goal 3. Create an educational environment that fosters the development of interprofessional practice, life-long learning, outstanding citizens and leaders, and oral health care professionals.

The dental hygienist is a licensed healthcare professional and member of the dental health team. The diverse duties of the dental hygienist include performing oral prophylaxis and periodontal assessment and therapy; collecting and evaluating medical history information; performing head and neck screening examinations; periodontal assessment and therapy; applying agents for the prevention of decay; applying desensitizing and antimicrobial agents and administering local anesthesia and nitrous oxide analgesia; and exposing and interpreting radiographs. The dental hygienist acts as a dental health educator and is responsible for teaching patients prevention of dental disease and providing nutritional counseling.

Dental hygiene employment opportunities are numerous and vary greatly. They include general practice and specialty dental offices; federal, state, county and city health clinics; public schools; hospitals; long-term care facilities; dental schools; industrial clinics; the armed services; and research institutions.

Missouri Southern offers an Associate of Science degree in Dental Hygiene. Upon satisfactory completion, graduates are eligible to take the [National Dental Hygiene Board Examination](#) and practical examinations required for licensure in Missouri and other states.

Statement of Accreditation

The MSSU [Dental Hygiene Program](#) is accredited by the [Commission on Dental Accreditation](#) (CODA) 211 E. Chicago Ave Suite 1900, Chicago, IL 60611, Phone (800) 232-6108.

Admission to Missouri Southern does not automatically grant admission to the [Dental Hygiene Program](#). In addition to meeting admission requirements for the University, candidates must [apply for admission](#) to the [Department of Dental Hygiene](#). Applications are reviewed by the Selection Committee for Dental Hygiene. Applicants must submit the necessary information by March 31. Applicants must have a minimum overall GPA of 3.0 to apply.

Application consideration requires evidence of satisfactory completion of the following prerequisites with a grade of 'C' or better within two attempts:

ENG 0101 - College Composition I (Writing Intensive)
BIO 0121 - Human Anatomy and Physiology I and BIO 0221 - Human Anatomy and Physiology II OR BIO 0201 Human Anatomy and BIO 301 Human Physiology
BIO 0231 - General and Medical Microbiology
CHEM 0121 - Chemistry for Allied Health Sciences and CHEM 0122 - Chemistry for Allied Health Sciences Laboratory OR CHEM 0140 -

General Chemistry I and CHEM 0141 - Gen
Chemistry I Laboratory
COMM 0100 - Oral Communication
MATH 0030 - Intermediate Algebra (or higher)

In addition to completing the prerequisite courses (science courses with BIO and CHEM prefixes must be taken within 5 years prior to applying to the dental hygiene program) applicants will be required to complete the TEAS test (Test for Essential Academic Skills), with a minimum score of 50.

Enrollment is limited by selection and applicants are admitted contingent upon a criminal record check, random drug testing, the completion of physical, vision and dental examinations and the rendering of an acceptable health status. Completion of all prerequisite courses, TEAS exam and other requirements does not guarantee acceptance into the program. Students are admitted to the dental hygiene program only in the fall of each year. As students in a health care profession, dental hygiene students may be exposed to blood borne pathogens and infectious diseases, as a result must meet the CDC immunization recommendations for healthcare workers.

Additional charges are incurred by Dental Hygiene students including (but not limited to) laboratory costs, various expenses for transportation to off campus clinical sites and professional meetings, licensure exams, and equipment.

The [Associate of Science in Dental Hygiene](#) requires a minimum of 93 credit hours, including the prerequisite courses. Course grades of 'C' or above in Dental Hygiene and supporting science courses are necessary for retention in the Dental Hygiene program.

For additional information contact:
Jill Pyle, Program Director
Health Science Building 140
417-625-9600
pyle-j@mssu.edu

Emergency Medical Services Paramedic

Faculty: Taber - Program Director, Walker
Health Sciences Building 325 • 417-625-9848

Mission

The mission of the Missouri Southern State University [Department of Emergency Medical Services](#) is to educate and graduate an EMS professional who is a competent entry-level practitioner. The program is designed to develop and promote conceptual, technical, contextual, integrative and adaptive competence so that graduates are well-rounded in all phases of professional behavior. Graduates will be prepared to enter the health professions workforce and be eligible for licensure, certification and advanced education.

The [College of Health Sciences](#) and the [Department of Emergency Medical Services](#) offer certificate programs preparing students to challenge the National Registry examinations. The program is closely integrated with area Emergency Medical Services and area Trauma Centers. Classroom instruction is supplemented by laboratory, scenario-based practicals and high-fidelity simulation. Students also gain patient care experience during clinical and field rotations. The clinical training is arranged through area hospitals and advanced life support ambulance services. The program meets through three consecutive semesters beginning each fall semester.

Students seeking admission to the program are encouraged to apply early, as admission preference is given to those submitting a completed application packet by July 1st. Students should contact the Director of Emergency Medical Services for more information. There are special book and equipment costs for this program.

Statement of Accreditation

The MSSU Paramedic Program is accredited by the [Commission on Accreditation of Allied Health Education Programs](#) upon the recommendation of the [Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions](#) (CoAEMSP). For more information contact:

Commission on Accreditation of Allied Health
Education Programs (CAAHEP)
Mailing Address: 9355 - 113th St. N #7709,
Seminole, FL 33775, Phone 727-210-2350, Fax
727-210-2354, Email mail@caahep.org

Committee on Accreditation of Educational
Programs for Emergency Medical Services
Professions (CoAEMSP)
Mailing Address: 8301 Lakeview Parkway Suite
111-312, Rowlett TX 75088, Phone 214-703-8445

Admission Criteria

1. Must be 18 years of age before first class.
2. High school diploma or its equivalent.
3. Possession of current State of Missouri [EMT license](#), or eligibility and ability to obtain one by first day of class.
4. Completion of **PARA 0201 - Concepts of A&P in EM Care** OR **BIO 0121 - Human Anatomy and Physiology I** (or equivalent) with a grade of "C" or better.
5. Submission of completed [application](#) and required materials by application deadline.
6. Submission of MSSU [admission](#) application by program application deadline.
7. Possess a current American Heart Association Basic Life Support for Healthcare Provider [CPR certification](#)

For additional information contact:
Erin Taber, Program Director
Health Sciences Building 320
417-625-3013 • taber-e@mssu.edu

Emergency Medical Technician

Faculty: Taber - Program Director, Walker
Health Sciences Building 325 • 417.625.9848

Mission

The College of Health, Life Sciences, and Education and the [Department of Emergency Medical Services](#) offer certificate programs preparing students to challenge the [National Registry examinations](#). The program is closely integrated with area Emergency Medical Services and area Trauma Centers. Classroom instruction is supplemented by laboratory, scenario-based practicals and high-fidelity simulation. Students also gain patient care experience during clinical and field rotations. The clinical training is arranged through area hospitals and advanced life support ambulance services. The program meets through one semester beginning each fall and spring semester.

Students seeking admission to the program are encouraged to apply early, as admission preferences are given to those submitting a completed application packet on a first-come basis. Students should contact the Director of Emergency Medical Services for more information. Special book and equipment charges are assessed for this program.

Statement of Accreditation

The MSSU [Emergency Medical Technician Program](#) is accredited through the [Missouri Department of Health and Senior Services](#) and [Missouri Unit of Emergency Medical Services](#). The [Emergency Medical Technician Program](#) meets all requirements of the [National Standard Curriculum](#).

Admission Criteria

1. Must be 18 years of age to sit for the National Registry examinations.
2. High school graduation diploma (or equivalent) or a student in good standing at the high school junior or senior level.
3. Must submit proof of required immunizations.
4. Pass a thorough, department approved, background check.
5. Submit application and required documents by the application deadline.

For additional information contact:
Erin Taber, Program Director
Health Sciences Building 320
417-625-3013 • taber-e@mssu.edu

Health Science

Mission

The mission of the [Health Science](#) degree is to provide a comprehensive baccalaureate degree that complements an associate allied health degree, and helps prepare graduates for healthcare career opportunities related to and beyond their clinical careers.

The degree is designed to promote critical thinking, communication, information skills, and leadership with a commitment to lifelong learning. Our graduates are academically prepared to pursue opportunities for advancement or graduate school.

Program Goals and Objectives:

GOAL:

The student will obtain knowledge needed to improve and advance the health of individuals and populations.

Objectives

- Students will analyze current research and health data; in order to make evidence-based decisions for health services and patient care.
- Students will recall the evolution of the U.S. health system and the major settings, providers, and funding for the delivery of public and private healthcare services.
- The student will learn principles of organizational management.

GOAL:

The student will have the fundamental academic skills to be an effective communicator and discuss problems of access to healthcare for a diverse population.

Objectives

- The student will be able to outline the phases of effective health communication.
- The student will identify the role of the various health care providers and the significance of inter-professional communication to improve health outcomes of the patient or a community.
- Student will write grammatically and stylistically correct assignments that reflect a review of relevant literature and the ability to effectively communicate issues.

Health is widely acknowledged as a major growth industry, with employment opportunities forecast to continue their strong upward trends of recent years. Opportunities for advancement will be greatest for people with a baccalaureate degree.

Associate degree-prepared health profession majors and clinicians in the field who desire a baccalaureate degree have limited options to fulfill their educational goals. Graduates and clinicians from the health professions continually inquire about baccalaureate degree options to meet their busy professional lives. The [Health Science](#) degree is a specified course of study that enhances a clinician's expertise and opportunities for

advancement. The Health Science curriculum is designed to prepare students for career paths in the health industry that extend beyond their clinical careers. These career paths could include management, education, medical, pharmaceutical sales, and public health. Graduates from the Bachelor of Health Science program may qualify to enter graduate programs or professional health science areas such as physician assistant, physical therapy, healthcare administration and public health.

The Bachelor of Science degree in Health Sciences is granted to students who complete the required program of study. These requirements include the basic General Education Requirements for all Bachelor of Science degree programs, required science and other supportive courses in the health science area.

This degree allows students who complete an Associate degree in an Allied Health field or an Associate or Certificate Paramedic degree, to earn a Bachelor of Science degree related to their clinical degree.

There are four specific options in the Bachelor of Science - Health Sciences degree.

- Bachelor of Science in Health Sciences - emphasis in [Dental Hygiene](#)
- Bachelor of Science in Health Sciences - emphasis in [Respiratory Therapy](#)
- Bachelor of Science in Health Sciences - emphasis in [Radiologic Technology](#)
- Bachelor of Science in Health Sciences - emphasis in [Paramedic / EMS](#)

The courses in the curriculum are offered on campus as well as web based. The demand for this degree will be great among current students, past graduates and clinicians currently working in the health industry.

Students must pass all HS core and/or all affiliated dual prefix courses with a 'C' or higher to graduate.

The Bachelor of Science - Health Sciences degree is available to transfer students under the "*Pathways to Health Science Bachelor's Degree*" Policy."

Pathways to Health Science Bachelor's Degree Policy

updated for fall 2023

Students who complete an Allied Health program often desire to complete a Bachelor's degree to complement their clinical degree. MSSU's Pathways to Health Science Bachelor's Policy is available for transfer students who graduated from an accredited program with an Associate degree in Dental Hygiene, Nursing, Respiratory Care, Radiology, or Paramedic; or complete a Paramedic certificate program or a diploma nursing program. The Bachelor of Health Science degree offers these students the ability to apply the credit hours earned in their Allied Health degree to assist in meeting the Bachelor's degree requirement. In order to qualify for Pathways to Health Science Credit, students must have graduated from an accredited program in dental hygiene, radiology, respiratory care, nursing, or paramedic, passed a national board examination and currently be licensed to practice in at least one state.

The Pathways to Health Science Credit program will benefit students by transcribing up to 26 credit hours of upper division hours depending on the discipline. A processing charge for transfer of credits is assessed. This program is designed to provide a cost and time savings for students completing a Bachelor's degree.

A Bachelor's prepared healthcare professional is highly marketable for management/supervisory positions, state and federal sector employment, medical/dental sales, pharmaceutical representative and the ability to teach in the field. Therefore, graduates will have more career options available to them. Courses for these programs are available online so practicing clinicians can complete their Bachelor's degree at their pace from anywhere in the world.

For more information on Health Sciences, or any of the degrees /courses listed above, contact:

Jill Pyle
Program Director, Dental Hygiene
Health Sciences Building 140
417-625-9600 • Pyle-j@mssu.edu

Erin Taber

Program Director, Emergency Medical Services
Health Sciences Building 320
417-625-3013 • taber-e@mssu.edu

Kimberly Matejcek

Program Director, Radiologic Technology
Health Sciences Building 323
417-625-3565 • matejcek-k@mssu.edu

Alyssa Taylor

Program Director, Respiratory Care
Health Sciences Building 321
417-659-4405 • taylor-a@mssu.edu

Healthcare Administration

Bachelor Degree

Are you interested in a business career with opportunity for advancement in one of the fastest growing business sectors in the U.S. economy? Our new Bachelor of Science degree in Healthcare Administration will prepare you for successful and rewarding careers in healthcare business, management, and administration.

Healthcare is a huge business and Healthcare Administration is one of the fastest growing and highest paid careers in the healthcare industry.

The MSSU Healthcare Administration program supported by the MSSU Gipson Center for Healthcare Leadership offers unique and special opportunities. Scholarships dedicated for Healthcare Administration majors, support for research, leadership development, and dedicated staff, faculty, and advisors all working together in the new Gipson Center.

Healthcare Administration majors must earn a grade of 'C' or better in all of the business requirements (including Management) and all Health Sciences requirements (including the capstone experience) in order to earn a **Bachelor of Science in Healthcare Administration** degree.

For more information contact:
Melinda Brown

Director, Gipson Center for Healthcare Leadership

Master Degree

Faculty: Whiteman - Coordinator

Health Sciences Building 151C 417-625-9848

Mission

The Master of Science in Healthcare Administration (MHA) leverages a multi-disciplinary approach to imbue students with a patient-centered perspective for the management of healthcare services. Eight-week classes are offered in an all online format to support working professionals as they seek personal and professional growth.

Application Criteria

Eligible applicants for the MHA meet the following criteria:

1. Have an undergraduate GPA of 2.75 or higher, or a GPA of 3.0 or higher for the last 60 credit hours of undergraduate academic work.
2. Hold at least one of the following degrees:
 - B.S. in Healthcare Administration/Management
 - B.S. in Health Sciences
 - MD/DO/DDS
 - BSN
 - B.S. in an Allied Health field
 - B.S. degree and one or more years of experience working full-time in a health field
 - KCU DO/MHA program

Applications for admission not qualifying under the above criteria will be considered on a case-by-case basis by the program's Admission Committee.

The program starts each fall. For more information on the degree or how to apply contact:

Dr. Sherry Whiteman
Coordinator, Master of Science in Healthcare
Administration
Health Sciences Building 151C
417-659-4423 • whiteman-s@mssu.edu

Medical Laboratory Science

Faculty: Donelson - Chair, Garoutte & Moore
Reynolds Hall 210 • 417-625-9376

The Bachelor of Science degree with a Major in [Medical Laboratory Science](#) is sometimes referred to as three-plus-one, meaning that the student takes a three-year pre-clinical program at MSSU, followed by one year (32 credits) of clinical work at an accredited hospital school. The pre-clinical studies include the General Education Curriculum and science and other support courses required for all Bachelor of Science degree programs. The Medical Laboratory Science program advisers are in the Department of Chemical and Physical Sciences. The completion of a Bachelor's degree is required before an individual is eligible to take the certifying examination.

Missouri Southern has affiliation agreements with the following clinical schools:

- Mercy Hospital - Joplin School of Medical Laboratory Science
- Cox Health School of Medical Technology, Springfield, MO
- Baptist Health School of Medical Technology, Little Rock, Arkansas
- North Kansas City Hospital School of Clinical Laboratory Science
- Saint Luke's Hospital, Kansas City, MO

If a student wishes to attend an accredited school of medical laboratory science with which the University has no formal agreement, the Provost/Vice President for Academic Affairs can negotiate an agreement for the individual student.

Students should be aware that enrollment in professional schools is limited. Each of the professional schools has its own admission criteria and selects those students to be admitted to a class from the applicants for that class. In general, this selection is based on the academic record and demonstrated aptitude for the medical field. Students are responsible for filing their own application for admission with the professional schools. Application should be made to the professional school during the early fall of the junior year or approximately 10 months prior to the expected entrance date. It is strongly suggested that

the student contact the Director of the program at the desired hospital early in their sophomore year to determine the exact application procedure.

A student may enroll in the professional courses either at the hospital-based school or through Missouri Southern, depending on the policies of the hospital-based school. Students enrolled at the hospital-based school are not considered members of the Missouri Southern student body, since the hospital-based school in such cases is considered as any other accredited institution of higher education. A student enrolling through Missouri Southern is considered a member of the University student body and is therefore eligible for benefits offered all students. The weekly time requirements for the professional medical technology courses (400 level) listed are based on the minimum requirements for a course meeting for a normal academic term for a minimum of 16 weeks. Actual scheduling of classes may vary according to custom of the individual professional school to meet these minimum total hour requirements.

Students in this major whose career goals change or are unsuccessful in gaining admission to a professional training program are ideally suited to complete another science major with virtually no loss of academic credits.

For additional information contact:

Dr. Michael Garoutte
Reynolds Hall 311
417-625-9579 • garoutte-m@mssu.edu

Dr. Aaron Moore
Reynolds Hall 209
417-625-9567 • moore-a@mssu.edu

Or check out
mssu.edu/academics/programs/medical-technology

Pre-Professional

Mission

This curriculum allows Missouri Southern students to complete admission requirements for professional schools that accept applicants who have completed approximately 60 hours. Students should incorporate professional school requirements

into their schedule and work closely with an advisor at Missouri Southern. Also, students who are completing certification requirements for paramedic programs may transfer among Missouri public four-year colleges and universities.

For additional information contact:

Dr. Marsi Archer
Hearnes Hall 306
417.625.9385
archer-m@mssu.edu

Radiologic Technology

Faculty: Matejcek - Program Director, Turley Health Sciences Building 325 • 417-625-9848

Mission

Consistent with the philosophy of MSSU, the mission of the [Radiologic Technology program](#) is to provide high quality entry-level radiographers for the service area of the university. Attention is focused on the needs of each student for local and international service.

Statement of Accreditation

The MSSU Radiologic Technology Program is accredited through the Joint Review Committee on Education in Radiologic Technology

Mailing address: 20 N. Wacker Dr. Suite 2850, Chicago, IL, 60606-3182; Phone: (312) 704-5300; Email: mail@jrcert.org.

The Associate of Science Degree in Radiologic Technology

The Associate of Science Degree in Radiologic Technology combines General Education Requirements courses, a supportive course in the behavioral sciences, natural sciences, and special courses in the field of radiology, including extensive clinical laboratory experiences. The clinical laboratory experiences are provided through agreements between Missouri Southern and other accredited facilities and may include weekends and evening rotations. The student successfully completing the curriculum is eligible to write the National ARRT Certification Examination to become a Registered Technologist.

Completion of the degree requires the completion of General Education Requirements for the Associate of Science Degree, all Radiology courses, [BIO 0221](#) and [BIO 0240](#). Students must complete the prerequisites of Anatomy and Physiology I & II ([BIO 0121](#), [BIO 0221](#)), Medical Terminology ([HS 0111](#)), English Composition I ([ENG 0101](#)) and Intermediate Algebra ([MATH 0030](#)) before entering the program. Transfer students should check course equivalencies prior to enrolling in courses at other institutions.

Special procedures are required for admittance into this program in addition to those required for admission to Missouri Southern State University. This includes a 2.5 GPA in all prerequisites and other classes required for the course of study taken prior to admission. A limited number of students are allowed into the program each year. A special [Radiology application](#) with supporting materials must be submitted to the Radiology Program Director by the predetermined application deadline of the year the student wishes to enter the program. This deadline can be found on the Radiology Program Application posted to our webpage. Accepted students begin the program at the beginning of the following summer semester.

Students seeking admission to the program should possess superior academic and critical thinking skills particularly in the biological and physical science areas. They should possess the ability to problem-solve, communicate effectively and have strong interpersonal skills. In addition, they must possess strong academic skills in the sciences, with a good background in anatomy and physiology and the physical sciences. Basic courses in physical science and/or chemistry will help prepare students for successful completion of the program. They must have the physical abilities to hear, see, lift and remain on their feet for long periods of time in order to provide safe patient care in clinical rotations. They should have the ability to lift a minimum of 50 pounds on a frequent basis. Students who have further questions regarding the above abilities and skills should contact the [Radiologic Technology Program](#) at MSSU. .

Costs incurred during the program include, but are not limited to: laboratory equipment fees and maintenance, insurance, and supplies. These costs are subject to change. Often these charges, as well

as tuition, are covered by financial aid for those students who qualify.

A [Bachelor of Science in Health Science](#) with an emphasis in radiologic technology option is also available to those wishing to seek a more advanced degree beyond the A.S. option. For more information, please see the health science degree option in this catalog.

For additional information contact:
Kimberly Matejcek, Program Director
417-625-3565 Matejcek-k@mssu.edu

Respiratory Care

Faculty: Taylor - Program Director, Dunaway
Health Sciences Building 325 • 417-625-9848

Mission

The mission of the program is to provide an outstanding educational program offering students an opportunity to develop knowledge, skill and attitudes essential for safe, effective practice within the scope of respiratory care practitioners.

Goals

Program goals are:

1. To supply the community with respiratory care practitioners.
2. To prepare program graduates to pass the [National Board for Respiratory Care Credentialing Examinations](#).

A career in the medical field can be a dynamic and rewarding opportunity. The changing nature of the medical profession is creating a demand for multi-skilled health professionals with targeted clinical skills such as the respiratory care practitioner. The [Respiratory Care Program](#) is designed to prepare students to be employed in the hospital, clinic, sleep laboratory and alternate care settings such as a durable medical equipment company. Respiratory Care Practitioners perform a variety of clinical, diagnostic and management functions in these settings.

The [Respiratory Care Department](#) offers these career tracks:

- [Associate of Science Degree](#)
- [Baccalaureate Degree in Health Sciences](#). See General Education Requirements and course descriptions.

The curriculum offers the following options:

- Graduates of the associate degree respiratory care program will be eligible to take the [NBRC Certification in Respiratory Care](#) to become a [Certified Respiratory Therapist](#) (CRT). Successful completion of the CRT exam will allow the graduate to take the clinical simulation exams to become a [Registered Respiratory Therapist](#) (RRT).
- For those students interested in a bachelor degree, there are two options: a Bachelor of General Studies or a Bachelor's in Health Sciences, designed for graduates of the Respiratory Care program.

Statement of Accreditation

The program is accredited by the Commission on Accreditation for Respiratory Care (CoARC)

Mailing Address: 264 Precision Blvd., Teleford, TN 37690. Phone: (817) 283-2835; Fax: (817) 354-8519; Email: webmaster@coarc.com

[Associate of Science Degree Program in Respiratory Care](#)

The Associate of Science program consists of a core academic component and a major concentration component. The academic section consists of the MSSU Associate of Science degree requirements, including courses in the Humanities and Fine Arts, Life and Physical Science, Social and Behavioral Science, Mathematics, Written and Oral Communication, Health and Wellness and University Experience. The respiratory care major concentration components comprise both the didactic and respiratory care clinical instructional areas. A comprehensive self-assessment exam must be successfully completed as a requirement for graduation.

All graduates must successfully complete the NBRC Therapist Multiple Choice Examination (TMC) at a high cut score to be eligible to sit for the Clinical Simulation Exam (CSE).

Respiratory Care Students must demonstrate numerous competencies representing all three learning domains: the cognitive, psychomotor and affective domains. Students learn, practice and

verify these competencies in a number of settings including the classroom, laboratory and clinic. To achieve the required competencies in the classroom setting, respiratory care students must perceive, assimilate and integrate information from a variety of sources. These sources include oral instruction, printed material, audio visual media and live demonstrations. Students must participate in classroom discussion, give oral reports and pass written and/or computer-based examinations of various formats. Completion of these tasks requires cognitive skills, such as reading, writing and problem-solving. To be physically capable of the classroom work, students must, with assistance, be able to: hear, see, speak, sit and touch. Respiratory care laboratories provide students with the opportunity to view demonstrations, evaluate and practice with medical devices and perform simulated clinical procedures. In addition to the cognitive skills required in the classroom, students must demonstrate psychomotor skills in manipulation of patients and equipment, as well as general professional behaviors (affective domain), like team-building and interpersonal communications. To satisfy laboratory and clinic requirements, students must perform all procedures without critical error.

Admission to Missouri Southern/Franklin Technology Center does not automatically grant admission to the respiratory care program. In addition to meeting admission requirements to the University, candidates must apply for [admission](#) to the Respiratory Care Program. Applications are accepted during the spring semester for classes starting in the fall semester.

Enrollment is competitive; Applicants must submit the necessary information to the department office by the designated deadline to be considered for acceptance. Evidence of satisfactory completion of the following prerequisites with a 'C' or better must be presented: **MATH 0030** - Intermediate Algebra or higher, **ENG 0101** - College Composition I Writing Intensive, and **BIO 0121** - Human Anatomy and Physiology I. Programmatic Recommendation: High school or college course work in Physical Science and Chemistry. Interested individuals are encouraged to contact the Program Director of Respiratory Care for more specific information regarding admissions criteria.

Other costs are incurred by respiratory care students such as: uniforms, books, self-assessment examinations, graduation pins, AARC student membership dues, liability insurance and various expenses for transportation to off campus clinical sites and professional meetings.

Graduate outcomes

Graduates of the program will:

- **Cognitive** - Demonstrate the ability to comprehend, apply and evaluate clinical information relevant to their role as a respiratory care practitioner.
- **Psychomotor** - Demonstrate the technical proficiency in all skills necessary to fulfill the role as a respiratory care practitioner.
- **Affective** - Demonstrate personal behavior consistent with professional and employer expectations for the respiratory care practitioner.

Admission Criteria

([Associate of Science in Respiratory Care](#))

Application should be made directly to the [Respiratory Care Program](#) Office on the Missouri Southern State University campus (special admissions procedures are required for admittance into this program in addition to admission to MSSU).

- Continuous enrollment, readmission or admission to Missouri Southern and Franklin Technology Center as a transfer student.
- Completion of an approved college-level math, College Composition I and Anatomy & Physiology I courses.
- Test of Essential Academic Skills (TEAS) administered through the [MSSU Testing Center](#).
- Submit to background check, [State of Missouri Caregiver Background Screening](#) and drug screen.

Admission to the program is competitive.

For additional information contact:
Alyssa Taylor, Program Director

Health Sciences Building 321
417-659-4405 • Taylor-a@mssu.edu

Biology and Environmental Health Department

Faculty:

Kilmer M-Chair, Willand - Asst. Chair, Barry, Bechtold, Boman, Burris, Johnson, Kilmer J, Lemmons, Penning, Perkins, and Rhodes
Reynolds Hall room 210 • 417-625-9766

Mission

Our mission is to provide a stimulating and challenging [Biology](#) curriculum, excellence in teaching, quality academic advising, outstanding general education courses and dedicated community and university service, as well as international opportunities for students.

Coursework within biology can encompass a wide range of topics including anatomy, botany, cell biology, ecology, evolution, physiology, zoology and many others. The curriculum for a Bachelor of Science with a Major in Biology is arranged into several areas of study in order to highlight courses that are most appropriate for a particular area of interest.

Biomedical Sciences: Students interested in pre-dental, pre-medical, pre-optometry, pre-pharmacy, pre-physician assistant, or pre-veterinary medicine studies should consider courses that are listed within the area of biomedical sciences. The coursework is designed to align with the prerequisite requirements for professional schools such as medical, dental, or pharmacy school.

Physical or Occupational Therapy: Students interested in a career in physical therapy or occupational therapy will benefit from courses in this track. This coursework is designed to meet all the requirements of a professional school

Ecology, Evolution and Field/Conservation

Biology: Students interested in botany, conservation, ecology, evolution, aquatic biology, wildlife, zoology, or other related topics should consider courses that are listed within the area of field or conservation biology. These courses provide a solid educational background for students wanting to pursue graduate studies or careers in these related areas.

Biotechnology, Microbiology, Genetics: Students interested in biological research, cell and molecular biology, genetics, biological techniques, etc... should consider courses in this area. These courses provide the knowledge and skills needed for students wanting to pursue careers or graduate studies in these related areas.

General Biology: Students interested in a more broad range of biological topics should consider courses that are listed within the area of general biology. These courses provide a diverse educational background that would allow students to pursue graduate studies or careers in a wide range of biological sciences.

Bachelor of Science in Education with a Biology Certification: Will allow students to teach introductory and advanced level courses in biology at the secondary level.

Internships and service learning courses, as well as independent research classes are encouraged for biology majors. Internships and research courses allow the students to gain practical experience in a work or research setting. For internships students work under the joint supervision of a faculty member and a representative of the institute providing the intern experience. For service learning and independent research, students work with a faculty sponsor on an independent project.

For additional information on Biology or Environmental Health Degrees go to mssu.edu/academics/education/biology

For additional information on Biology:
Dr. Mary Kilmer, Department Chair
Reynolds Hall room 210 • 417-625-3564
Kilmer-M@mssu.edu

Environmental Health

Faculty:
Boman - Director, Bechtold and Perkins
Reynolds Hall 228 • 417-625-9704

Mission

Our Mission is to provide students the knowledge, skills and credentials necessary to work as an environmental health and safety professional or to

continue in environmental health and safety graduate studies. [Environmental Health](#) is the science of preventing physical, chemical or biological hazards from adversely impacting human health or the ecological balances that sustain our environment. Safety is the control of hazards to an acceptable level. Career opportunities include professional positions with public health departments, environmental protection agencies, environmental consultants and occupational health and safety divisions of industry.

The Bachelor of Science in Environmental Health and Safety degree program is fully accredited by the [National Environmental Health Science and Protection Accreditation Council \(EHAC\)](#). We provide the option of either an on campus track or a distance learning track to obtain the [BS degree in Environmental Health and Safety \(EHS\)](#). Major codes are EH02 on campus track or EH04 distance track.

Any student who holds an Associate's degree from a regionally accredited institution may be eligible for the [Bachelor of Applied Science \(BAS\) in Environmental Health and Safety \(EHS\)](#) program. The BAS in EHS requires upper division coursework in EHS and electives chosen in consultation with an EHS advisor that would enhance their success in a career in one of the many areas of the broad field of environmental health and safety. Example electives may include, but are not limited to, the areas of: business, management, industrial technology, communications, social sciences, geography, geology, water/wastewater, sustainability or lower division EHS courses.

The Environmental Health and Safety Program is recognized as a Qualified Academic Program (QAP) by the Board of Certified Safety Professionals (BCSP). All graduating students, BS or BAS, earn the Graduate Safety Practitioner (GSP) designation. The EHS Program also offers 5 career enhancing certificates. Our certificates are designed for individuals who are not earning a BS or BAS in EHS, but are interested in our field of study. They can be earned by degree or non-degree seeking individuals in order to enhance their career opportunities. We offer a variety of certificates that are tailored towards different aspects of environmental health and safety.

[Certificates](#) require 12-15hrs of coursework. More than one certificate may be earned.

An Advanced Placement exam score of 3, 4, or 5 on the Environmental Science exam will be accepted as credit for [EH 0107 EH 0107 - Environmental Science](#) at MSSU.

MSSU Environmental Health & Safety Faculty
contact for the Environmental Health & Safety

Degrees:

Dr. Teresa Boman, Program Director
Reynolds Hall Room 228
417-625-9704 • boman-t@mssu.edu

Unmanned Aircraft Systems: Remote Pilot Applications

The Unmanned Aircraft Systems: Remote Pilot Applications certificate is housed within the Biology and Environmental Health Department.

[Unmanned Aircraft Systems \(Drone\) Certificate, Biology, BI90.](#)

Students will learn fundamental operational skills for small unmanned aircraft systems (drones) as well as design, construction, and practical applications for drones for commercial workforce operations. This 9-credit hour certificate program consists of three sequential courses (3 credit hours each) and will require three semesters for completion. Upon completion of the coursework,

students will attain FAA (Federal Aviation Administration) certification as a Remote Pilot. New applications for small unmanned aircraft systems are developing rapidly in many areas including law enforcement (including search and rescue), environmental studies, geographical information systems including mapping, surveying, and imaging, assessment of hazardous environmental conditions, humanitarian efforts innovative delivery systems for medications and supplies, military applications, agricultural applications including yield projections and control of irrigation systems and other machinery, applications for numerous shipping and delivery systems, and many more applications. Obtaining FAA certification as a remote pilot can significantly augment skills needed for numerous, various career areas including, but not limited to, law enforcement and other emergency services, natural resources and conservation, agriculture, disaster management, insurance companies, journalism, telecommunications, and various industries.

For additional information call 417-625-9766.

For additional information on Biology or Environmental Health Degrees go to mssu.edu/academics/education/biology

For additional information on Biology:
Dr. Mary Kilmer, Department Chair
Reynolds Hall room 210 • 417-625-3564
Kilmer-M@mssu.edu

Kinesiology

Faculty:

Cullers - Chair, Alasmar, Beldon, LoJacono,
Schiding, Smith and Trout
Robert E. Young Gymnasium • 417-625-9316

Mission

The [Department of Kinesiology](#) supports the Missouri Southern State University mission to offer a liberal arts baccalaureate program that fosters the total education of each student. The department emphasizes quality teaching and academic advising, while promoting dedicated community and university service. The curriculum prepares future

professionals to be successful at promoting healthy, active lifestyles in a global society.

The Kinesiology Department offers three degrees: the Bachelor of Science in Education degree (BSE) with a major in Physical Education K-12 and the Bachelor of Science degree (BS) with a major in Exercise Science and the Bachelor of Science degree (BS) in Sport and Recreation Management.

Candidates in the Department of Kinesiology are strongly encouraged to become involved in the profession through professional development, professional clubs and organizations, leadership opportunities and service. The Department's

programs of study reflect guidelines from the Council for the Accreditation of Educator Preparation (CAEP), the Society of Health and Physical Education (SHAPE America), Missouri Department of Elementary and Secondary Education (DESE), the American College of Sports Medicine (ACSM), the American Red Cross and requirements from the School of Education at Missouri Southern State University. Students studying in the Department of Kinesiology must earn a grade of 'C' or better in all required courses with a KINE, BIO, EDUC, SRM, or PSY prefix.

Advisement

The Department of Kinesiology assigns academic advisors to candidates following admission to the University. Those without an assigned Kinesiology advisor, but who have declared a major in the Kinesiology Department, should contact the Department Chair or administrative assistant for an advisor. Academic advising is a collaborative relationship between the student and academic advisor. The academic advisor facilitates and outlines the steps for achievement of the students' personal, academic and career goals and encourages student access to a variety of resources and services available on the MSSU campus. The advisor/student partnership requires participation and involvement of both the advisor and the student; however, meeting the degree requirements is ultimately the responsibility of the student.

K-12 Physical Education

Students who desire certification as a teacher of physical education will become qualified at both the elementary and secondary level (K-12). Physical Education K-12 majors should refer to Missouri Southern's [Teacher Education](#) program. In order to graduate from the Teacher Education Program, the candidate must successfully complete the exit requirements, in addition to all other academic requirements of the University. The candidate must also pass the Missouri Content Assessment Exam (MoCA) in K-12 physical education, maintain a 2.75 or above cumulative GPA, earn a 3.0 or above professional education GPA, and earn a 3.0 or above content area GPA. Additional department/content requirements may apply.

All Teacher Education programs have been approved by the [Missouri Department of](#)

[Elementary and Secondary Education](#) (DESE) and accredited by the [Council for the Accreditation of Educator Preparation](#) (CAEP).

Exercise Science (formerly known as Health Promotion and Wellness)

Graduates in this major will be prepared to promote life-style strategies to prevent illness and improve quality of life. Students seeking the Exercise Science degree will actively participate in an internship experience in their final semester. Upon completion of the program, graduates may seek professional opportunities in a wide variety of areas including, but not limited to:

- Physical Therapy or Physical Therapy Assistant
- Occupational Therapy or Occupational Therapy Assistant
- Chiropractic Care
- Physician Assistant
- Certified Strength and Conditioning Specialist/Wellness Industry
- Personal Training
- Registered Dietician Nutritionist (RDN)
- Community Health/Wellness
- Corporate Wellness
- Certified Strength and Conditioning Specialist
- Public and Population Health
- Cardiac Rehabilitation
- Physical Therapy or Physical Therapy Assistant
- Exercise Physiology

Note: Several career options require additional schooling and/or certifications.

Students who wish to pursue the degree in Exercise Science must have a cumulative GPA of 2.5 for all university course work prior to enrolling in **KINE 0491 - Internship in Wellness**.

Sport and Recreation Management

The College of Business, Technology, and Communication and the Department of Kinesiology are offering an interdisciplinary, joint program in Sport and Recreation Management.

This new Bachelor of Science degree in Sport and Recreation Management is designed to prepare well-rounded employees for successful careers in the complex and challenging recreation and sport industry.

In addition to the requisite knowledge needed to begin a career in the Sport and Recreation Management industry, the program will develop student's communication, leadership and management skills.

Sport and Recreation Management majors find employment opportunities in

- Municipal Recreation
- Campus Recreation
- College Athletic Administration
- Private Clubs
- Sporting Goods Companies
- Non-profit Organizations
- Professional Sport Organizations
- Private / Commercial Recreation Organizations

Additional Interest Areas:

Lion Co-op, Center for Nutritional Security

The Lion Co-Op was founded to help students who are dealing with food insecurity...a reduction in the quality or variety of food intake, which often results in disrupted eating patterns. The Center provides education opportunities through Internships, Practicums, volunteer hours, and course work (KINE / HIST 488) and conducts research both on campus and across the state in the area of food insecurity and college students.

Coaching Certificate

There is a high demand for quality athletic coaches, both interscholastic and youth coaches, as well as a demand for quality game officials. The coaching certification program, offered by the Kinesiology Department, is designed to improve the coaching effectiveness and efficiency of both educators and non-educators interested in athletic coaching. The Missouri State High School Activities Association (MSHSAA) provides the requirements for Missouri interscholastic coaches in the MSHSAA Official Handbook, Section 3: Athletics By-Laws <http://www.mshsaa.org/resources/pdf/Official%20Handbook.pdf>. In the state of Missouri, coaching levels and minimum requirements are outlined for the Head Coach, Assistant Coach, Student Teacher and Hardship Coach. For the coaching requirements of another state, students will need to contact the state's governing agency. For students with an interest in athletic coaching, the Kinesiology Department offers a 22-hour Coaching Certificate to strengthen the student's career

preparation. Certificates may be earned independently from a degree.

Rehabilitation Science Certificate

The Rehabilitation Science Certificate focuses on the knowledge and skills needed to use exercise as a model for prevention and treatment of disease. The classes that are part of the Rehabilitation Science Certificate emphasize skill development and applied, hands-on learning and are focused on preparing students for graduate level training in Occupational Therapy, Physical Therapy, Sports Medicine and other Allied Health Careers. This certificate is aimed at students entering many different types of health fields and encourages interdisciplinary collaboration and learning and communicating across fields. The Kinesiology Department offers a 16-17 hour Rehabilitation Science Certificate to strengthen the student's career preparation. Certificates may be earned independently from a degree.

Community Health Certificate

Healthcare is moving from a treatment model to a model of prevention. Community health focuses on understanding the social determinants of health that influence the health of individuals and communities over time. The Kinesiology Department offers a 19-21 hour Community Health Certificate to strengthen the student's career preparation. Certificates may be earned independently from a degree.

Nutrition Certificate

The Nutrition Certificate provides a variety of class in community nutrition, disease prevention and food safety and preparation. It will assist individuals in meeting educational requirements for the Women, Infant and Childcare Program, Nutritionist Positions. For students interested in pursuing a Master's degree and Registration in Dietetics, this certificate can assist in meeting prerequisites for those programs.

Athletic Training, Occupational Therapy, Physical Therapy, and Registered Dietitian Nutritionist

A graduate degree is required to become an Athletic Trainer, Occupational Therapist, Physical Therapist and Registered Dietitian Nutritionist. Missouri Southern does offer the required prerequisites for students to take to prepare them to apply to these

graduate programs. Through course work and advisement students in the Kinesiology department are equipped with the knowledge and skills for graduate programs in these professions.

Health

The Missouri Department of Elementary and Secondary Education (DESE) identifies Health as a certification area. To teach health in the State of Missouri, one must be certified to teach in Missouri and pass the Missouri Content Assessment (MoCA) #041. Courses related to health education content and teaching methods are offered at Missouri Southern.

Nursing

Faculty:

Beals - Chair: Chrisenbery, Coleman, Cooper, Cowley, Floyd, Herchenroeder, and Lawrence
Health Sciences Building 246 • 417-625-9628

Mission

The MSSU Department of Nursing offers an innovative baccalaureate education through an inclusive, respectful, and supportive environment in which faculty and students' partner in the learning process to serve clients within local and global communities.

Nursing Program

The Bachelor of Science Degree in Nursing program prepares graduates to enter practice and deliver care focused on quality, safety, teamwork, and patient-centeredness. The degree is offered to the student seeking a baccalaureate degree, licensure as a registered nurse, and for licensed practical nurses seeking a baccalaureate degree and licensure as a registered nurse. This program is offered in a face-to-face learning environment with clinical experiences at a wide range of clinical site offerings. The program prepares the student for licensure and practice as a BSN prepared Registered Nurse. Application to this program is offered each January for a fall semester start. Admission to this program is competitive.

A RN to BSN degree option offers working Registered Nurses the opportunity to complete the Bachelor of Science Degree. The RN to BSN

Student Organization

Kinesiology Club (K-Club) is a registered student organization (RSO), open to all students who are interested in promoting healthy, active lifestyles in a global society. The club provides additional opportunities for leadership, professional learning and career preparation. K-Club sponsors a wide variety of social, service and professional learning events each semester.

For additional information contact:
Dr. Andrea Cullers, Department Chair
Young Gymnasium 214
417-625-9382
cullers-a@mssu.edu

degree option has a full-time or part-time plan of study with coursework completion in an online learning environment. Students will complete 45 practicum hours in a clinical area of their choosing in the last semester of the program. This program is offered as a rolling admission each summer, fall, and spring. Admission to this program is competitive. Admission for to the NURS major courses for the RN to BSN program in the catalog year 2023-2024 will commence in the Summer 2024 semester.

The program vision is to prepare graduates who will be knowledgeable, adaptable professionals who recognize the uniqueness and value of each client, serves as a client advocate, and demonstrates visionary leadership. The curricular framework is based upon Tanner's Model of Clinical Judgement and Knowles Theory of Adult Learning.

The program has full approval by the Missouri State Board of Nursing, PO Box 656, Jefferson City MO, (573) 751-0681.

The Bachelor of Science Degree in Nursing program at Missouri Southern State University at the College of Health, Life Sciences, and Education is located in Joplin, Missouri 64801-1595 and is nationally accredited by the: Accreditation Commission for Education in Nursing (ACEN) 3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326 (404) 975-5000

The most recent accreditation decision made by the ACEN Board of Commissioners for the Bachelor of Science Degree in Nursing program is continuing accreditation with the next site visit for Spring of 2028. View the public information disclosed by the ACEN regarding this program at <http://www.acenursing.us/accreditedprograms/programSearch.htm>

Application for Registered Nurse Licensure in Missouri

According to [Section 335.066 Missouri Nursing Practice Act](#) (1-16), granting of the nursing baccalaureate degree does not guarantee eligibility to sit for the licensure examination or guarantee issuance of a license to practice nursing in the state of Missouri. For eligibility requirements to apply, write the [National Council Licensure Examination for Registered Nurses](#) (NCLEX-RN) as specified in section 335.046-1 of the Missouri Nursing Practice Act. In addition, the applicant should: 1) be of good moral character; 2) have completed high school or equivalent; 3) have successfully completed basic professional curriculum in accredited school of nursing. Section 335.066, Missouri Nursing Practice Act (1-16), provides rules for denial, revocation or suspension of license and grounds for civil immunity. The Board may refuse to issue any certificate of registration or authority and permit or license stated in subsection two of this section. Detailed information may be obtained through the [Missouri State Board of Nursing](#) Website - www.pr.mo.gov/nursing.asp

- The Bachelor of Science in Nursing program is conditionally approved by the Missouri State Board of Nursing, P.O. Box 656 Jefferson City, Missouri.
- The Bachelor of Science Degree in Nursing program at Missouri Southern State University at the College of Health Sciences located in Joplin, Missouri 64801-1595 is accredited by the: Accreditation Commission for Education in Nursing (ACEN) 3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326 (404) 975-5000
- The most recent accreditation decision made by the ACEN Board of Commissioners for the Bachelor of Science Degree in Nursing program is continuing accreditation with conditions.
- View the public information disclosed by the ACEN regarding this program at <http://www.acenursing.us/accreditedprograms/programSearch.htm>

Nursing Program Outcomes

Upon completion of the nursing program, the graduate will be able to:

- deliver quality professional nursing care based upon knowledge and skills obtained throughout the nursing educational experience.
- practice in a variety of clinical situations using reasoning patterns and nursing intuition at the level of an advanced beginner.
- recognize the importance of ongoing, reflective, and independent learning throughout the professional nursing career.

Student Learning Outcomes

- Demonstrate leadership principles through client-centered care, teamwork, and collaboration.
- Differentiate professional implications (behaviors, standards, regulations) with respect to safe, ethical, quality, and evidence-based care.
- Provide inclusive holistic nursing care to promote health and prevent disease in all populations.
- Demonstrate adaptability by anticipating and responding to client needs to manage care in a variety of clinical situations.
- Apply evidence-based practice in the delivery of quality, client-centered care.
- Integrate a variety of technology and information technology to communicate, manage, and support clinical decision-making.
- Prioritize clinical actions by noticing, interpreting, responding, & reflecting on clinical findings.

Admission Criteria

Admission to the pre-licensure BSN and LPN to BSN program is once per year in August. The deadline for application and completion of admission examination is March 1st each spring.

Continuous enrollment, readmission or admission to the University as a transfer student.

Cumulative GPA of **2.8** minimum based upon completion of first-year and sophomore courses listed in the suggested plan of study.

Completion of the following required prerequisite courses with a grade of 'C' or higher (may repeat required courses one time):

- BIO 121 Anatomy and Physiology I (4 credit hours)
- BIO 221 Anatomy and Physiology II (5 credit hours)
- BIO 231 General and Medical Microbiology (5 credit hours)

- CHEM 121/122 Chemistry for Allied Health Sciences (4 credit hours) OR CHEM 140/141 General Chemistry I (5 credit hours)
- KINE 385 Nutrition for Human Development (3 credit hours)
- MATH 130 College Algebra (3 credit hours)
- PSY 100 General Psychology
- SOC 110 Introduction to Sociology
- Statistics (3 credit Hours) **PSY 320 Applied Statistics OR MATH 310 Elementary Statistics OR GB 321 Business Statistics I OR SOC/PSC 350 Social Science Statistics

Health Education Systems Incorporated (HESI) A2 Entrance Exam minimum score of 75% on required sections (may repeat 1 time)

LPN-BSN track admission standards as above and including the following:

- Current undisciplined practical nursing license
- NLN NACE Exam (may repeat 1-time) **credit for courses with successful completion of a 75% or higher

All courses from the Suggested Plan of Study must be completed prior to entering the nursing major at the junior level.

Applications are processed and files managed in the Department of Nursing. Admission decisions are made by the Department of Nursing admission, progression, graduation committee. All admission decisions rendered are final and cannot be appealed. Applicants who are offered acceptance can expect to receive notification by email and mail. Only letters returned directly to the MSSU Nursing Department may be considered official notification of acceptance to the program.

Please be sure to use your current email and mailing address within the application once submitted.

Upon acceptance to the program and prior to the beginning of the semester, nursing students must have the following completed and successfully passed.

- Application Admission fee
- Criminal Record Check
- State of Missouri Care Giver Background Screening
- Physical Exam with health requirements documented (immunizations, TB test, drug/alcohol screening)

Obtain and/or maintain current CPR from American Heart Association for Health Care Providers

[RSMO 192.2495](#) prohibits a hospital from knowingly allowing those guilty of Class A and B felonies as defined by state law to give care to clients in the agency. Missouri Southern State University students are assigned to do clinical practice in cooperating hospitals and the Department is in agreement that students must meet these requirements. Results of a personal criminal history record check and caregiver background screening must be on file prior to the Junior Year of nursing courses. Applicants who have been found guilty and/or listed on background check lists in the [Family Care Safety Registry](#) pursuant to sections 210.900 to 210.937, RSMo of Class A and B felonies will be ineligible to enter the program. The Nursing program reserves the right to deny acceptance or continuation in the program for the following circumstances:

- a student is found to have a criminal record or arrest record regardless of a charge and/or outcome of the arrest/charge.
- a student or applicant does not disclose history of criminal record or arrest record.

Applicants for the pre-licensure BSN tracks must demonstrate evidence of personal characteristics and integrity that indicate high probability of successful degree completion and must meet application criteria necessary to complete the [National Council Licensure Examination](#) (NCLEX-RN).

Application information may be found at [MSSU Pre-Licensure Nursing Program Application](#).

Information regarding readmission or transfer admission may be found within the Nursing Student Handbook located at: [MSSU Department of Nursing](#).

The applicant is responsible for verifying that the Missouri Southern State University transcript contains all transcribed courses from other colleges and universities prior to the application deadline.

Transfer Policy for Students from a Pre-Licensure Baccalaureate Degree Nursing Program:

1. All program admission criteria must be met.
2. A letter of reference is required from the Dean or Director of the nursing program previously attended stating the student left in good standing and is eligible for readmission.
3. Transfer courses will be evaluated for course equivalency at Missouri Southern on an individual basis.
4. Nursing courses with a clinical component must be fully met.
5. Transfer is based on space availability.

Admission of Baccalaureate Degree Pre-Licensure and Post-Licensure Applicants

Applicants holding a baccalaureate degree from a regionally accredited institution are considered by the University as having completed the General Education Requirements. Nursing applicants with a baccalaureate degree within another major must meet all stated admission requirements.

Cumulative GPA of 2.8 minimum based upon completion of baccalaureate degree.

Health Education systems Incorporated (HESI) A2 Entrance Exam minimum score of 75% on required sections (may repeat 1 time). Pre-licensure only.

Completion of the following required prerequisite courses with a grade of 'C' or higher (may repeat required courses one time):

BIO 0121 - Human Anatomy and Physiology I	4
BIO 0221 - Human Anatomy and Physiology II	5
BIO 0231 - General and Medical Microbiology	5
CHEM 121 and CHEM 122 OR CHEM 140 and CHEM 141	4
KINE 0385 - Nutrition for Human Development	3
MATH 0130 - College Algebra	3
PSY 0100 - General Psychology	3
SOC 0110 - Introduction to Sociology	3
Statistics Course: PSY 320 OR MATH 310 OR GB 321 OR SOC 350 OR PSC 350	3

Admission of Licensed Practical Nurses (LPNs)

Licensed Practical Nurses (LPNs) are admitted to the University as first-time (generic) or transfer students. LPN applicants must meet all University and program requirements for admission. Current undisciplined practical nursing license is required as an admission criteria. The LPN has the option to challenge *8 credit hours* upon successful completion of the NLN NACE Exam(s) (may repeat 1-time) **credit for courses with successful completion of a 75% or higher. The following courses apply to the credit for courses option: NURS 307 Foundational Concepts of Nursing (6 credit hrs.) and NURS 314 Pharmacology I (2 credit hrs.).

RN to BSN track admission is offered on a rolling basis each summer, fall, and spring semester.

Admission for the NURS specific courses for the AY 2023-2024 will commence in the summer 2024 semester. Admission criteria include completion of an application by October 1st (spring start) or March 1st (summer & fall start). A RN to BSN track admission checklist may be found at RN to BSN Admission.

- Graduate from a fully approved and/or nationally accredited associate degree or diploma nursing program
- Unencumbered (undisciplined) license as a Registered Nursing in the state of Missouri or compact state
- The HESI A2 admission exam is not required for the RN to BSN program track entrance.

Special Costs

Costs incurred during the pre-licensure or post-licensure programs include, but are not limited to: laboratory, equipment, simulation center, required nurse bag equipped for courses, uniforms, pins, standardized examination costs, graduation costs, licensing examination costs, hepatitis series, current immunizations, etc. An estimated cost sheet for nursing students is available in the Department of Nursing or by emailing Kumbier-C@mssu.edu. Often these special costs, as well as tuition, are covered by financial aid.

Minors

Minors in supportive disciplines are available to nursing students. See requirements for the following suggested (but not exclusive) minors: Informatics, Business, Spanish, Health Administration, etc.

Americans with Disabilities Act Implications

Students are required to have completed a physical examination/health verification after conditional admission to the nursing program. Students will be required to demonstrate physical and/or emotional fitness to meet the essential requirements of each course in the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain physical tasks and suitable

emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Core performance standards for admission and progression which comply with the Americans with Disabilities Act of 1990 are available in the office of the Department of Nursing.

For additional information on the Nursing Program contact:

The Department of Nursing
Health Sciences Building 243
417-625-9775 • beals-l@mssu.edu

Psychology

Faculty:

H. Hackett - Chair, Adamopoulos, Boomer, A. Cole, C. Cole, Kostan, Schmick, and Wittig
Health Sciences Building 241 • 417-625-9315

Mission

The [Psychology Department](#) at Missouri Southern provides an education in the diverse field of Psychology. The core of the Psychology curriculum reflects the breadth of the field and exposes students to new developments, while allowing students to pursue individual academic interests. The department maintains a special emphasis on research and prepares students to effectively analyze, synthesize and present information about the science of behavior and mental processes. Our mission is to help students develop the critical thinking and communication skills they can use in their careers.

The [Psychology Department](#) offers two degrees: the [Bachelor of Arts](#) (BA) and the [Bachelor of Science](#) (BS). These degrees have the same General Education and Psychology course requirements. In addition, the BA includes an emphasis on modern language and the BS includes an emphasis in science. Both degrees prepare students for careers that require a broad liberal arts education at the bachelor's level. Recent graduates with both degrees have entered careers in human and social services, research and business. The BA and BS degrees provide an excellent foundation for students who

wish to earn advanced graduate degrees or go to professional school. Almost half of the recent graduates have entered into graduate programs. Recent graduates earning advanced degrees have become Licensed Professional Counselors or Psychologists, Licensed Clinical Social Workers, Occupational or Physical Therapists, Board Certified Behavior Analysts, Research Directors, Professors, and Attorneys.

The Psychology Department offers specialized certificates in Clinical Psychology, Developmental Psychology, Behavioral Neuroscience, Autism Spectrum Disorder, and Applied Behavior Analysis. When paired with practicum hours students may pursue national board certification as a Registered Behavior Technician (RBT) and Board-Certified assistant Behavior Analyst (BCaBA).

The Psychology Department also provides courses to meet the needs of other majors. **PSY 0100** fulfills a General Education Requirement. Students may also earn a minor in psychology.

In order to graduate with a major in Psychology, a student must meet the following requirements:

1. Earn a 2.50 or above overall GPA.
2. Earn a 2.50 or above in all PSY prefix courses required within the major.

Student Organizations

Psychology Club is open to all students who are interested in psychology. The club provides an informal setting for students to learn more about psychology. The club sponsors a wide variety of social and intellectual activities each semester.

Psi Chi - The International Honor Society in Psychology recognizes academic excellence and

stimulates further scholarship. **Psi Chi** members are invited to participate in national and regional professional events. Locally, **Psi Chi** members share many activities with the Psychology Club.

For additional information contact:

Dr. Holly Hackett
Health Sciences 234
417-625-9835
hackett-h@mssu.edu

Teacher Education

Faculty:

Goswick - Chair, Craig, Durborow, Foister, Heavin, Karami, Locher, Neugebauer, Rice, Schisler, and Vieselmeyer
Taylor Hall 220 • 417-625-9309

The mission of the [Teacher Education Department](#): To develop competent, reflective educators and administrators who can successfully teach and lead a diverse population in a complex and changing world.

Vision

The MSSU Teacher Education faculty vision: To be the premier Teacher Education program in the four-state area.

All [Teacher Education](#) programs have been approved by the [Missouri Department of Elementary and Secondary Education](#) (DESE) and accredited by the [Council for the Accreditation of Educator Preparation](#) (CAEP).

Teacher Education

The descriptions and requirements of the Teacher Education programs listed in this catalog are subject to change. Candidates in the program will be alerted through the advising process as changes are made by the [State Department of Elementary and Secondary Education](#) (DESE), legislative and regulatory bodies and accrediting agencies. Teacher Education candidates are responsible for meeting the requirements of their programs of study. They are encouraged to obtain degree plan sheets for the program they are pursuing and work closely with their advisors.

Eligibility for current teacher certification is a requirement for graduation. Transfer students with a Missouri Associate of Arts degree will need to meet several MSSU General Education/Core 42 Requirements. The Teacher Education Coordinator/Assistant Teacher Certification Officer, Taylor Hall 221, must complete a transcript evaluation as the general education requirements are not automatically complete for certification.

The Teacher Education Program consists of the Teacher Education Department, Arts & Science faculty, and CAEP sub-committees. The Teacher Education Department oversees all Teacher Education programs and is specifically responsible for the elementary education program grades 1 through 6; early childhood education program, birth through grade 3; middle school program, grades 5 through 9; secondary program 9 through 12; special education program, grades K through 12; instrumental and vocal music programs, grades K through 12 and the Spanish program, grades K through 12.

The Dean of the College of Health, Life Sciences, and Education is the chief spokesperson for the Teacher Education program and in this capacity is the chief administrator responsible for the Teacher Education programs. The Dean serves under the direction of the President of the University and the Provost/Vice President for Academic Affairs.

The Teacher Education Program defines the role of the teacher as a reflective decision maker. In this role, the teacher must make decisions about pedagogical design and lesson design. Teachers must think critically, formulate decisions related to

the multiple roles of teaching for its successful achievement and become reflective educators for a global society.

Preparation for teaching includes professional knowledge, skills and dispositions that have been gathered from research, reported effective practices, learned societies in such areas as human growth and development, learning theory, assessment, cultural diversity and special needs, curriculum content, psychological, sociological, historical and philosophical foundations, principles of effective instruction and school effectiveness.

To be an effective educational decision maker, the teacher must possess certain knowledge, cognitive abilities and pedagogical skills. Program outcomes are the current Missouri Standards for Teachers:

1. The teacher candidate understands the central concepts, structures, and tools of inquiry of the discipline(s) and creates learning experiences that make these aspects of subject matter meaningful and engaging for students.
2. The teacher candidate understands how students learn, develop, and differ in their approaches to learning. The teacher candidate provides learning opportunities that are adapted to diverse learners and support the intellectual, social, and personal development of all students.
3. The teacher candidate recognizes the importance of long-range planning and curriculum development. The teacher candidate develops, implements, and evaluates curriculum based upon standards and student needs.
4. The teacher candidate uses a variety of instructional strategies to encourage students' critical thinking, problem solving, and performance skills including instructional resources.
5. The teacher candidate uses an understanding of individual and group motivation and behavior to create a learning environment that encourages positive active engagement in learning, positive social interaction, and self-motivation.
6. The teacher candidate models effective verbal, nonverbal and media communication techniques with students and parents to foster active inquiry, collaboration, and supportive interaction in the classroom.
7. The teacher candidate understands and uses formative and summative assessment strategies to assess the learner's progress, uses assessment data to plan ongoing instruction, monitors the performance of each student, and devises instruction to enable students to grow and develop.

8. The teacher candidate is a reflective practitioner who continually assesses the effects of choices and actions on others. The teacher actively seeks out opportunities to grow professionally in order to improve learning for all students.
9. The teacher candidate has effective working relationships with students, parents, school colleagues, and community members.

Admission to the Teacher Education Program

After the candidate declares a major in Teacher Education, two levels of admission to the Teacher Education Program exist.

The first level is tentative admission, which may be applied for after the candidate has declared a teacher education major and successfully completed 55 semester hours of prescribed course work or department chair approval.

Students must have tentative admittance before courses can be taken in professional education. Courses with an EDUC prefix cannot be taken until the Junior Block (**EDUC 0321**, **EDUC 0329**, & **EDUC 0423**) has been completed.

EXCEPTIONS: **EDUC 0100**, **EDUC 0280**, **EDUC 0302**, **EDUC 0305**, **EDUC 0315**, **EDUC 0316**, **EDUC 0348**, **EDUC 0380**, **EDUC 0381**, and **EDUC 0387** should be taken prior to the Junior Block.

Qualifications for tentative admission include the following:

1. Have a cumulative GPA of 2.0 in all course work. Additional department/content requirements may apply.
2. Have a composite ACT enhanced score of 17 (For candidates with an SAT score see the Student Success Center for conversion). Other state approved entrance exams may be available. Please contact the MSSU Teacher Education department for up-to-date information.
3. All applicants must complete a required background check, receive clearance and obtain a substitute teaching certificate.
4. Complete and submit an online application.

When candidates attain these qualifications, they will receive tentative admission to the Teacher Education program and subsequently be notified.

The second level is formal admission, which is granted after the candidate successfully completes the eight-credit hour Junior Block: **EDUC 0321**, Microteaching; **EDUC 0329**, Pedagogical Theory, Methods and Practices; and **EDUC 0423**, Classroom Management. Candidates are then subject to approval for formal admission by the Teacher Education faculty.

The candidate must maintain a cumulative GPA of 2.0. If at any point in the program a candidate's GPA drops below accepted levels, the candidate will be dismissed from the Teacher Education program.

Grades below a 'C' in professional education courses will not be accepted for the degree requirements in Teacher Education. These classes are listed in Degree Works as supporting requirements, professional education, and content knowledge. Specific examples include:

The following list are courses at MSSU that must have a grade no lower than a 'C'.

A) ALL "EDUC" prefix classes

B) Psychology classes:

PSY 0100 - General Psychology

PSY 0310 - Educational Psychology

C) Elementary Education Requirements:

MATH 0119 - Math for Elementary Teachers I
3 (or equivalent)

MATH 0120 - Math for Elementary Teachers II
3

ART 0220 - Art for the Elementary School Teacher
2

MUS 0332 - Music for Elementary School
1

KINE 0370 - Physical Education and Health for the Elementary School Teacher
2

Candidates qualifying for formal admission to the program will be notified in writing. The date of formal admission will be entered on the candidate's record by the Registrar. Candidates who have not

met the criteria will also be notified and corrective measures suggested.

Admission to the Professional Semester

After completion of Junior Block, Pedagogical Theory, Methods and Practices, but before the professional semester, candidates in early childhood education, elementary education, middle school education and special education take approximately 26 or more hours of work in professional education and in a teaching specialty. During this time, the candidate must maintain a cumulative GPA of 2.0 or better and a GPA of 3.0 or better in professional education and content knowledge areas (See [DESE Matrix](#)). The candidate must earn a 'C' or better in all professional education courses and must retake courses in which a grade lower than 'C' is earned. Additional department/content requirements may apply. The candidate is expected to maintain standards of professional ethics that were met as part of the admission requirements to teacher education. Requirements that must be met prior to admission to the professional semester are:

1. Be fully admitted to the teacher education program.
2. Have a cumulative GPA of 2.0 and a GPA of 3.0 in professional education and content knowledge areas of DESE approved coursework.
3. Have all previous course work completed at the time of student teaching.
4. Have a completed application for student teaching on file at least one semester prior to the student teaching semester.
5. Have a grade of 'C' or better in each professional education course.
6. Show proof of liability coverage.
7. Hold a current substitute certificate.
8. Take the state content assessment.
9. Attendance is required at an orientation held the semester prior to the professional semester. Attendance is also required at professional semester seminars in conjunction with the **EDUC 0432 - Critical Issues in Education** course.

The professional semester is designed for candidates who have met all of the requirements for student teaching at Missouri Southern State University. Attendance is required at an orientation held the semester prior to the professional semester. Attendance is also required at professional semester seminars in conjunction with **EDUC 0432** Critical Issues course.

Note: In accordance with Mo. Rev. Stat. 168.400 (2005) and Mo. Code Regs. 5 CSR 80-805.40. Alternative clinical practice in lieu of conventional student teaching. Candidates must see the Teacher Education Clinical Field Director for eligibility requirements. All other university and departmental requirements for graduation still apply.

Graduation Requirements

To graduate from the Teacher Education Program, the candidate must successfully complete the following exit requirements, in addition to all other academic requirements of the University:

1. Pass the Missouri Educator Evaluation System (MEES) assessment.
2. Have a cumulative GPA of 3.0 or higher in professional education and content knowledge areas of DESE approved coursework. Additional department/content requirements may apply.
3. Pass the state content assessment for the degree related certification area.
4. Successfully complete the professional semester requirements.
5. Complete the exit interview.
6. Clear the state required background check (certification only).
7. Be eligible for current Missouri teacher certification.

*If a student does not earn the current Missouri passing score on the Missouri Educator Evaluation System (MEES), they will earn a 'no credit' in student teaching. They will be required to retake the 10-hour student teaching course (EDUC 442, EDUC 444, EDUC 452, EDUC 462, or EDUC 464) in full and can opt to retake EDUC 432 Critical Issues (if the student earned lower than an A). If the student earned an A in EDUC 432, they can make a request to the Teacher Education Department Chair to enroll in a 2-hour independent study to make a 12-hour schedule.

Advisement

Advisors will be assigned to candidates following admission to the University. For those without advisors, freshmen with declared majors in teacher education will have a Teacher Education advisor assigned as part of **EDUC 0100**, Introduction to Teacher Education I. All secondary and K-12 Teacher Education majors will have advisors in their content area, due to the many specific course requirements and entrance and exit requirements for Teacher Education, in addition to a Teacher Education advisor. Effective academic advisement

is a partnership, with advisees taking responsibility for course work and degree completion.

All students who enter Missouri Southern as freshmen teacher education candidates are strongly recommended to take **EDUC 0100 - Introduction to Teacher Education I**, during their freshman year. **EDUC 0100** is a prerequisite for **EDUC 0280** Education in a Global Society.

Psychology Requirements

All teacher education majors must take **PSY 0100** General Psychology and **PSY 0310** Educational Psychology with a 'C' or better.

Certification

Teacher Education Candidates who successfully complete the requirements for this degree will be recommended to the Department of Elementary and Secondary Education for the [Initial Professional Certificate](#) (IPC). This is a probationary certificate that is granted for four years. Additional certification is granted by the Missouri Department of Elementary and Secondary Education. Candidates with degrees from MSSU or another institution who wish to be certified in the State of Missouri must meet all of the requirements that are set forth in this catalog for the BSE degree. All programs are designed to exceed minimal requirements for certification.

Exceptions to the General Education/Core 42 Requirements:

Refer to Degree Works and the plan of study for exceptions specific to your teaching area.

Bachelor of Science in Education (BSE) Elementary Education

The BSE in Elementary Education consists of three pathways: Elementary Education (grades 1-6) with Early Childhood Education (birth-grade 3), Elementary Education (grades 1-6) with Special Education (K-12), and Elementary Education (grades 1-6) with English Language Learners ELL (K-12).

English Language Learners-ELL (grades K-12)

Any BSE Elementary (grades 1-6), Middle School (grades 5-9), or Secondary (grades 9-12 or K-12) graduate is eligible to add coursework leading to recommendation for ELL certification.

Teacher Education courses with EDUC prefixes
expire after six years and may need to be repeated
for credit towards a degree. added fall 2023

Interdisciplinary

Student Success Program

The Student Success Program (First Year) at Missouri Southern State University has been established to assist first-year students in the transition to university life and to introduce new students to the opportunities at MSSU. The program oversees several components that help accomplish these goals such as: the **UE 0100** The University Experience course, Learning Communities and the Leadership Training courses for Course Assistants.

<https://www.mssu.edu/student-affairs/student-success-center/first-year-experience/index.php>

Honors

Dr. Michael Howarth • Spiva Library room 120 •
417-625-3005

The Honors Program serves Missouri Southern State University by recruiting academically talented and motivated students and engaging them in enhanced educational opportunities and challenges designed to promote their development as scholars and citizens. While students will take courses offered in Missouri Southern's regular curriculum, the following courses are specifically designed for Honors students. For a complete description of the program, see Academic Information.

Certificates

- Honors Interdisciplinary Studies, HN90

Graduate Programs

Graduate Policies

Undergraduate Students Taking Graduate Classes - Mixed Credit Policy

There may be circumstances in which undergraduate students are, at the discretion of the relevant department, allowed to take graduate courses before the undergraduate degree (mixed credit) has been conferred. Students seeking mixed credit will be expected to meet the demands of enhanced workload and/or grading standards required in graduate level courses.

Circumstances in which mixed credit may be applied include, but are not limited to:

- Some academic programs offer courses at an undergraduate and graduate level. Undergraduate students accepted into a graduate program toward the end of their undergraduate program, may take the graduate level version of a course required of their undergraduate program. This course will be listed as a graduate course but will also fulfill the course requirement for the undergraduate degree.

Students seeking Mixed Credit at MSSU through this method will need be accepted to a graduate program accepting students seeking mixed-credit.

To apply, students must have:

1. Completed a minimum of 75 credit hours.
 2. Earned a minimum cumulative GPA of 3.0.
 3. Completed the formal graduate program application process
- Undergraduate students may enroll in graduate courses and use the credit hours toward undergraduate credits in their undergraduate degree. In this instance, the graduate credit would be used to fulfill the university's 120-hour undergraduate degree requirement. The course would be listed as graduate level but would count toward undergraduate credit. Students earning credit in this way may transfer the graduate credit or may internally apply the graduate course credit toward a graduate degree program requiring the course once admitted to the program through the regular admissions process.

Students seeking Mixed Credit at MSSU through this method will need to submit an online application through the Office of Admissions.

To apply, students must have:

1. Completed a minimum of 75 credit hours.
2. Earned a minimum cumulative GPA of 3.0.
3. Received approval from the relevant department head(s) and dean(s)

Students may take a maximum of twelve (12) credits under the mixed credit policy, unless accepted into an accelerated program. However, students may take no more than six (6) credit hours, as Mixed Credit, in any single semester. Graduate credit taken as an undergraduate will expire after five years and will no longer count toward a graduate degree.

These minimum standards have been set for university-wide consideration, and exceptions to these standards must be approved by the department head and dean of the school offering the course. It is highly recommended that students who enroll in Mixed Credit courses contact the Financial Aid Office with any questions.

ADMISSIONS REQUIREMENTS FOR GRADUATE PROGRAMS/CERTIFICATES

REGULAR ADMISSION:

A student has a conferred bachelor's degree from a regionally accredited college or university recognized by Missouri Southern State University, AND has an undergraduate cumulative GPA of at least 2.5 on a 4.0 scale; OR a combined score of 300 on the verbal and quantitative sections of the Graduate Records Examination or minimum score on the GMAT (Business students only) of 450; AND meets specific departmental admission requirements for the program/certificate.

PROVISIONAL ADMISSION:

A student who holds a bachelor's degree but does not meet course prerequisites for a specific departmental program/certificate or otherwise

approximates but does not meet regular admissions requirements; OR is a senior seeking admission for a subsequent semester. Provisional admission will be granted for up to two consecutive semesters. Regular admission will be granted upon departmental approval.

GRADUATE READMISSION POLICY:

The University requires students who have not been enrolled for one regular term (spring or fall) to apply to be readmitted to the program through the Office of Admissions to enroll in future courses if they are still within the degree completion time established by the graduate program. Students seeking readmission to the program should contact the Office of Admissions for guidance on the readmission process.

Students who did not complete the program or who cannot complete the program within the degree completion time outlined by the graduate program will not be readmitted under this policy. Students will need to work with the appropriate Graduate Coordinator to determine an appropriate path forward.

This Graduate Readmission Policy does not apply to students who have been dismissed from a Graduate program. Students who have been dismissed from a graduate program for plagiarism, academic integrity, or other violations constituting program dismissal, will not be eligible to apply for admission to any graduate program for a period of three years.

GRADUATE ACADEMIC GOOD STANDING POLICY

1. Graduate students are expected to maintain a cumulative 3.0 GPA in all courses completed in their graduate program. Students in graduate courses can earn grades of A, B, C or F.

2. If a graduate student does not maintain a cumulative 3.0 GPA in all courses completed, the student:

a. Will be placed on academic probation for the semester following the one in which a student's cumulative GPA drops below 3.0.

- Graduate students placed on academic probation are required to consult with their Program Graduate Coordinator, Academic Advisor or Designee.

b. Will be placed on academic suspension if they cannot raise their cumulative GPA to 3.0 within one semester from which they were placed on academic probation.

- Graduate students are prohibited from enrolling in or taking courses, in their academic program, the semester following the notice of academic suspension.
- Graduate students may appeal academic suspension through The Office of the Registrar no more than two (2) times. If the academic suspension appeal is approved, the student will return to academic probation status and will be allowed to enroll in the upcoming term.
- Academic suspension from a graduate program does not prohibit the graduate student from seeking admittance into another graduate program.

c. Will be dismissed from their academic program if they are unable to maintain a cumulative 3.0 GPA following academic suspension.

- Graduate students may appeal dismissal from their program through The Office of the Registrar one (1) time. If the academic dismissal appeal is approved, the student will return to academic probation status and will be allowed to enroll in the upcoming term.

d. If a student's GPA is below a 3.0 at the end of the penultimate semester, special permission must be granted to enroll in the capstone course (if applicable), including written student acknowledgement that he/she cannot graduate without a 3.0 GPA.

3. If a graduate student earns an F in a course, the graduate student may retake the course they earned a F in one (1) time, subject to the Graduate Repetition of Courses Policy.

GRADUATE ACADEMIC BANKRUPTCY POLICY

A student may petition the Graduate Academic Bankruptcy Committee to eliminate one semester of graduate work from MSSU in computing the academic record one time. Graduate Academic Bankruptcy allows one semester of recorded work to be eliminated in computing the student's grade point average.

To be eligible to petition for Graduate Academic Bankruptcy the student must document the conditions that justify the petition. Students may not apply for Graduate Academic Bankruptcy once a degree has been earned.

Graduate Academic Bankruptcy may not be used as a means of obtaining academic honors or athletic eligibility.

Students may not apply for Graduate Academic Bankruptcy to avoid academic probation or suspension.

Graduate Academic Bankruptcy cannot be applied to transfer courses. The student should contact the institution where courses were taken and ask about their policy. If grades are subsequently bankrupted at that institution a new transcript should be sent to MSSU indicating the change.

It is typically not recommended to bankrupt courses required for your program since these courses must be completed to qualify for graduation. In some cases, repeating a course may be a better option. Please review the Graduate Repetition of Courses policy to see if it better fits your needs.

Graduate Academic Bankruptcy Procedure

Academic Bankruptcy Committee should be made up of a representative from the registrar's office and two representatives from Graduate Council. Graduate Council representatives will be determined at the first meeting of the academic year and will serve a one-year term. When a Bankruptcy Form is submitted, the Registrar's Office will reach out to the Graduate Council Chair to set up a meeting to review the submission. The committee's decision will be sent to the Registrar's Office, who will notify the student of the outcome.

Academic Load and Transfer Credit Policy

I. Student Load Status (aligns with Financial Aid Guidelines):

- a. Spring, Fall and Summer Semesters
 - i. 9+ hrs. Full-time
 - ii. 7 to 8 hrs. $\frac{3}{4}$ time
 - iii. 6 hrs. $\frac{1}{2}$ time
 - iv. < 6 hrs. less-than-half-time

II. To enroll in more than 12 hours a student requires Department chair and Dean approval.

III. Transfer Credit

- a. The University maximum number of transfer hours (from a different university) at the graduate level is nine.
- b. Individual programs may determine lower maximums.
- c. Cross-listed courses are not considered transfer credits.
- d. Credits from another institution in which an A or B was earned may be transferred at the discretion of the department.

Graduation Policy

I. General Degree Graduation Requirements

- a. Minimum number of hours required to obtain a master's degree
 - i. 30 hours
- b. Minimum GPA
 - i. 3.0
- c. Capstone Assessment
 - i. The capstone assessment, research project, comprehensive exam, etc. will be determined by the individual programs
- d. Degree Completion
 - i. Students have a total of seven years to complete a masters' degree from the starting semester through the semester of graduation

II. Applying for Graduation

- a. Steps for applying to graduate will mirror those at the undergraduate level – see Registrar's website for instructions.

<https://www.mssu.edu/student-affairs/registrar/graduation.php>

Graduate Incomplete, In Progress, and NO Grade Policy:

Incomplete (IN): A grade of 'IN' may be recorded by an instructor if a student is unable to complete the work of the course within the semester for a valid reason such as illness, death in the family, an emergency, etc. It is not intended as a substitute for an 'F' and does not entitle a student to attend the class during a subsequent semester. Incomplete grades are approved at the sole discretion of the instructor. Students must initiate communication with the instructor prior to the end of the course to discuss the option of an IN grade. Coursework for an incomplete grade must be made up by the last day of class to the final's week of the next semester (excluding summers) or the grade will be converted to an 'F' automatically; however, instructors set the specific dates the coursework is due to them. Both credit and grade points for that course are suspended until the incomplete is converted to either a passing grade or an 'F'. A student will not be able to graduate with an incomplete grade on their transcript.

In Progress (IP): A grade of 'IP' will be recorded by an instructor in a situation in which a student is unable to complete the work of the course within the semester for a valid non-emergency reason, such as a research project or internship that overlaps two semesters. It is not intended as a substitute for an 'F' and does not entitle a student to attend the class during a subsequent semester. In Progress grades are approved at the sole discretion of the instructor. Students must initiate communication with the instructor prior to the end of the course to discuss the option of an IP grade. Coursework for an 'IP' must be made up by the by the last day of class to the final's week of the next semester (excluding summers) or the grade will be converted to an 'F' automatically; however, instructors set the specific dates the coursework is due to them. Both credit and grade points for that course are suspended until the 'IP' is converted to either a passing grade or an 'F'. BSE majors will not be able to begin student teaching if an 'IP' grade is in force. A student will not be able to graduate with an 'IP' grade on their transcript.

No Grade Assigned (NO): A grade of 'NO' will be substituted if the instructor does not assign a grade

to the student by the grading deadline. A grade should not be left blank as a substitute for an 'F' and does not entitle a student to attend the class during a subsequent semester. A grade of 'NO' must be corrected or updated by the by the last day of class prior to the final's week of the next semester (excluding summers) or it will be converted to an 'F' automatically. Both credit and grade points for that course are suspended until the 'NO' grade is converted to either a passing grade or an 'F'. A student may not graduate with a grade of 'NO'.

Graduate Policy - Repetition of Courses

Each course may only be repeated once with the intent to replace the previous grade. Students may repeat courses in which grades 'F, D, C, or B' have been earned. When a course is repeated the highest grade will be used when computing GPAs. Once a degree is earned, a student is no longer eligible to exclude the grade of the original course in their GPA. Exceptions to this policy may be considered by the department head and dean of the college offering the course.

Graduate Policy for Course and Total Withdrawal

Withdrawal from a Single Class With a Grade of 'W'

A student may initiate the withdrawal from a course in the Office of the Registrar. Deadlines cited in the Schedule of Classes apply. Withdrawn students are no longer permitted to attend the class.

Withdrawal from All Classes

A student who wishes to completely withdraw will initiate withdrawal in the Financial Aid Office (Hearnes Hall). A student who completely withdraws from the University prior to the last week of classes in a regular or summer semester will receive a grade of "W" in all courses in which the student is enrolled. Withdrawn students are no longer permitted to attend classes. If the last date of attendance precedes the official withdrawal date, the earliest date will be used as the separation date. A student who leaves school without officially withdrawing will receive grades of 'F' in all courses.

Military Withdrawal Policy

Persons involuntarily called to active duty in any branch of the military services of the United States while enrolled as students at Missouri Southern State University will be released from their academic responsibilities without penalty. The following options are available:

1.Complete Withdrawal*

A student called to active duty may request to be withdrawn from all classes and receive a full refund of tuition paid for class enrollment. Students selecting this option will follow the normal process for a Complete Withdrawal from the University. A copy of their orders must be submitted along with the Total Withdrawal form to receive a refund.

2.Incomplete Grade

A student called to active duty may contact course instructors to explore the option of receiving an “IN” (incomplete) grade for the course. The normal procedures for an incomplete grade will apply. The approval of this option is left to the discretion of each individual instructor.

3.Single Course Withdrawal*

A student called to active duty may request to be withdrawn from a single course past the normal published deadlines so long as the active duty orders were not received prior to the published deadline. Students are to complete the Single Course Withdrawal form. The military orders must be submitted along with the Single Course Withdrawal form to receive a tuition refund.

Graduate Policy, Academic Integrity

Missouri Southern State University is committed to academic integrity and expects all members of the university community to accept shared responsibility for maintaining academic integrity. Academic work is evaluated on the assumption that the work presented is the student’s own, unless designated otherwise. Submitting work that is not one’s own is unacceptable and is considered a serious violation of university policy. Cheating is a serious offense that invalidates the purpose of a university education.

Any student, who takes credit for the work of another person, offers or accepts assistance beyond

that allowed by an instructor, or uses unauthorized sources for a test or assignment is cheating. Students must be conscious of their responsibilities as scholars, to learn to discern what is included in plagiarism as well as in other breaches of university policies and must know and practice the specifications for citations in scholarly work.

When dealing with cases of academic dishonesty, the course instructor may choose to use the campus judicial system; this includes filing an incident report in Lion Alert with the Student Conduct Office, who may act on the report by issuing a written warning or by recommending disciplinary probation or suspension. Penalties for academic dishonesty may include a failing grade on the assignment, a failing grade in the course, an XF grade in the course, or any other course or program related sanction the instructor or program designee(s) determines to be appropriate. Faculty should report, in writing, cases of academic dishonesty to Lion Alert. In cases where an F or XF grade is deemed appropriate by the faculty member, the faculty member should report, in writing, to the program coordinator/department chair. The program coordinator/department chair will then authorize the Office of the Registrar to issue an F or XF grade. The Registrar’s office will issue a letter to the student informing them of this decision and will initiate their removal from the course.

Policy for Graduate Assistantship Appointment

Graduate students hired as graduate assistants must be admitted to a graduate degree program and have earned a bachelor’s degree. Graduate assistants must work in support of the graduate degree program to which they have been admitted, unless approval for work assignment has been obtained by the Graduate Council. For academic year appointments, students must be enrolled in at least six hours of graduate credit course work at the 500 or 600 level that are required for the degree (unless in the final semester and the student has fewer hours needed to graduate). Students with summer assistantship appointments must either be enrolled in at least three hours of required graduate course work during the summer or pre-enrolled for the required hours of enrollment for the fall semester.

Students appointed to an assistantship may be enrolled in no more than 12 hours of course work during the fall or spring semesters. Individual departments may have a policy that reduces the maximum number of hours the student can be enrolled in for a semester. Departments may submit a request to the Graduate Council to allow a student to exceed the maximum number of allowed credit hours of enrollment.

International students are required to be enrolled in a minimum of nine credit hours with at least six hours of graduate credit course work at the 500 or 600 level that are required for the degree. Students whose first language is not English or are classified as an International Student must meet the Missouri Southern State University policies on Spoken English Language Competency.

During the academic year, students hired as full-time graduate assistants cannot work additional hours or be employed in other campus positions. Appointments as a student worker can be allowed for one-time special events that do not go beyond a maximum of two-days and 12 hours with permission of the Graduate Council. Students on assistantships can work as student workers for up to 40 hours a week during the time between semesters or during the summer.

Full-time graduate assistants work 20 hours per week on and/or off campus.

Part-time graduate assistants work 10 hours (or fewer with program approval) per week on and/or off campus.

Graduate Programs at Missouri Southern State University

Link to Graduate Programs on our website: <https://www.mssu.edu/academics/graduate/index.php>

Master of Arts – Teaching: <https://www.mssu.edu/academics/graduate/master-education-teaching.php>

Master of Science in Data Analytics (NEW): <https://www.mssu.edu/academics/business/business-admin/master-data-analytics.php>

Master of Science in Healthcare Administration: <https://www.mssu.edu/academics/graduate/degree-master-science-healthcare-admin.php>

Master of Science in Justice Studies: <https://www.mssu.edu/academics/graduate/degree-master-science-justice-studies.php>

Master of Science in Education, Curriculum and Instruction: <https://www.mssu.edu/academics/graduate/master-education-curriculum-instruction.php>

Master of Science in Education, Administration: <https://www.mssu.edu/academics/graduate/masters-educational-administration.php>

University History

The citizens of Joplin, who in the late 1930s asked the public school district to offer college classes, could not have envisioned the sprawling campus and multidiscipline curriculum that today is Missouri Southern State University. From that initial request came Joplin Junior College, founded in 1937 as part of the Joplin school system. Nine faculty members and 114 students began classes under the auspices of the Extension Division of the University of Missouri in the new high school building.

In the spring of 1938, voters approved almost 5-to-1 a bond proposal that would assure the continuation of the junior college. During the next 25 years Joplin Junior College established a national reputation for outstanding academic strength, a strong foundation for what was to come. By the mid-1960s, area citizens again recognized the need for expanded educational opportunities.

In 1964, the citizens voted in an 8-1 majority to create the Junior College District of Jasper County with a Board of Trustees to govern the newly named Jasper County Junior College. The following year, the Missouri General Assembly established a two-year senior college to be funded by the state. The district would continue to provide the freshman and sophomore years.

The area again responded with enthusiastic and generous support with the building of a new campus on the site of the Mission Hills Farm to house the growing college. Administration and faculty, working with other college educators around the state, began developing the new curriculum. In August 1967, students gathered for the first time on the new campus of Missouri Southern State College.

The dual funding arrangement with the state continued until 1977 when on July 1 the State of Missouri officially took on the responsibility of funding the entire College.

With growing global interdependence, it became clear that Missouri Southern must prepare its students to function successfully in the emerging global economy. So in June 1990, plans were announced to pursue the expansion of the College's mission to incorporate an international emphasis in all its academic and special programs. In 1995, the Missouri General Assembly approved House Bill 442, directing the institution to "develop such academic support programs and public service activities it deems necessary and appropriate to establish international or global education as a distinctive theme of its mission." Many new programs in international education that enrich and complement the existing programs are now in place.

On July 12, 2003, Missouri Governor Bob Holden officially signed Senate Bill 55, which renamed Missouri Southern State College as Missouri Southern State University-Joplin. August 28, 2003 marked the official date the name changed. The legislation was sponsored by Gary Nodler in the Senate and Bryan Stevenson in the House. Provisions of the legislation also allowed MSSU to begin offering cooperative master's degree programs.

Today Missouri Southern State University remains a proud member of the state's higher education family while continuing to serve the region that is an integral part of its past.

Board of Governors

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Memberships

American Association of Colleges for Teacher Education
American Association of Colleges of Nursing
American Association of State Colleges and Universities
American Dental Educator Association
Association to Advance Collegiate Schools of Business
Association of Collegiate Business Schools and Programs
Association of Environmental Health Academic Programs
Association of Governing Boards of Universities & Colleges
Council for the Advancement and Support of Education
Council on Public Higher Education
Institute of International Education
Mid-America Intercollegiate Athletics Association
Missouri Academy of Science
Missouri Association of Colleges for Teacher Education
Missouri Biotechnology Association
Missouri Consortium for International Programs and Studies
Missouri Mathematics and Science Coalition
NAFSA: Association of International Educators
National Collegiate Athletic Association
National League for Nursing Baccalaureate and Higher Degree Programs
Teacher Education Council of State Colleges and Universities
The Higher Learning Commission

Accreditations and Approvals

Accredited by The Higher Learning Commission Phone: 312.263.0456 Website: www.hlcommission.org
Accreditation Commission for Education in Nursing
Accreditation Council for Business Schools and Programs
Commission on Collegiate Nursing Education
Commission on Dental Accreditation, American Dental Association
Commission on Accreditation for Respiratory Care
Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions
Council on Social Work Education (CSWE)
Joint Review Committee on Education in Radiology
Missouri Math and Science Coalition
Missouri State Board of Nursing
Missouri State Department of Elementary and Secondary Education
Missouri Department of Health and Senior Services Bureau (EMS)
National Accrediting Agency for Clinical Laboratory Science
National Alliance of Concurrent Enrollment Partnerships (NACEP)
National Council for the Accreditation of Teacher Education (NCATE)
National Environmental Health Science and Protection Council
Police Officers Standards and Training
Engineering Technology Accreditation Commission (ETAC) of ABET

Information concerning accreditation, including copies of pertinent documents, may be obtained from the Office of the Vice President for Academic Affairs and Provost.

COURSE DESCRIPTIONS							
Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ACCT	0200	Introduction to Accounting	C2	3.00		Designed to introduce non-business majors to accounting as an information communication function that supports economic decision-making. The topics covered should help students understand the development and interpretation of financial statements and how to use accounting as a tool to support the planning and management decision-making process.	F - Fall S - Spring
ACCT	0201	Principles of Financial Accounting	C2	3.00		An introduction to accounting as an information communication function that supports economic decision making. The topics covered should help students understand the development of financial statements and their interpretation. Prerequisite: MATH 30 or higher.	F - Fall S - Spring SU - Summer
ACCT	0202	Principles of Managerial Accounting	C2	3.00		Use of accounting as a tool for the process of planning, controlling and decision making. Emphasis on where accounting data is obtained, what kind of information is needed and how it is used in the management process. Prerequisite: ACCT 201.	F - Fall S - Spring SU - Summer
ACCT	0298	Topics in Accounting	C2	1.00	3.00	Designed to give instruction in some discipline of accounting not covered in other courses. Prerequisites to be determined by the department.	
ACCT	0309	Accounting Information Systems	C2	3.00		A comprehensive study of the objectives, uses, evaluation and design of accounting information systems. The course is for students who will soon be assuming the responsibilities of professional accountants and need to know how accounting information systems function. Prerequisite or Co-Requisite: ACCT 202.	F - Fall S - Spring
ACCT	0312	Intermediate Accounting I	C2	3.00		Covers financial and capital accounting for business enterprises (with emphasis on the corporation). Emphasizes topics in areas of: accounting for (1) all required financial statements, (2) cash, (3) receivables, (4) inventory, (5) plant assets, (6) intangible assets, and (7) time value of money. Prerequisite: ACCT 202 with a grade of 'C' or above.	F - Fall S - Spring
ACCT	0321	Analytics for Accountants	C2	3.00		Demonstrates the use of data analysis techniques utilizing current software employed in the field of accounting. There is particular emphasis on the ability to ask and answer relevant accounting-related questions applying data analytic techniques. The course explores the use of these techniques across multiple areas of accounting.	F - Fall
ACCT	0322	Intermediate Accounting II	C2	3.00		Covers financial and capital accounting for business enterprises (with emphasis on the corporation). Emphasizes topics in areas of: accounting for (1) liabilities, (2) shareholders' equity, (3) earnings per share, (4) investments, (5) income taxes, (6) post-retirement benefits, (7) leases and (8) the statement of cash flows. Prerequisite: ACCT 312 with grade of 'C' or above.	F - Fall S - Spring
ACCT	0375	Tax Accounting I	C2	3.00		Procedures for reporting federal income taxes with emphasis on income and deductions for individuals. Practice in preparing federal income tax returns. Prerequisites: ACCT 201 and 202 with a 'C' or above or permission.	F - Fall
ACCT	0376	VITA I	C2	2.00		An in-depth study of individual income taxation with particular emphasis on federal and Missouri tax return preparation. Students must pass the required tax certification exams offered by the IRS and will prepare individual tax returns. Prerequisite: ACCT 375 with a C or higher.	S - Spring
ACCT	0385	Cost Accounting	C2	3.00		Study of accounting cost systems providing information generation for managerial planning and control. Special emphasis is placed on both technology and Quality Management as applied to industrial and service enterprises. Prerequisites: ACCT 202 with a 'C' or above, GB 321.	S - Spring SU - Summer
ACCT	0402	Advanced Accounting	C2	3.00		Application of accounting principles of business combinations, consolidated financial statements, foreign currency transactions, international accounting and governmental accounting. Prerequisite: ACCT 322.	F - Fall
ACCT	0408	Tax Accounting II	C2	3.00		Procedures for reporting federal income taxes with emphasis on corporations, partnerships, estates and trusts. Practice in preparing federal income tax returns of these business entities. Prerequisite: ACCT 375 or permission.	S - Spring
ACCT	0411	Auditing	C2	3.00		Overview of the certified public accounting profession with special attention to auditing standards, professional ethics, the legal liability inherent in the attest function, the study and evaluation of internal control, the nature of evidence, the use of statistical sampling, and performing an audit. Prerequisites: ACCT 312, ACCT 309. Prerequisite or co-requisite: ACCT 322.	F - Fall S - Spring
ACCT	0421	Governmental and Nonprofit Accounting	C2	3.00		Study of accounting principles, standards and procedures that apply to governmental entities. Primary emphasis is accounting for municipalities. Prerequisite: ACCT 322.	F - Fall
ACCT	0422	Advanced Cost Accounting	C2	3.00		Advanced study in decision models and cost information, system choice, strategy, and management control. Special emphasis on Quality Management and time related management control initiatives. Prerequisite: ACCT 385.	D - Demand
ACCT	0476	VITA II	C2	1.00		A continuation of VITA I where students prepare federal and other state tax returns. Students must pass the Basic, Intermediate and Advanced tax certification exams offered by the IRS, and will review basic and intermediate tax returns and prepare advanced individual tax returns. Prerequisite: ACCT 376 or instructor permission.	S - Spring
ACCT	0491	Internship in Accounting	C2	1.00	12.00	An internship for senior accounting students with an opportunity to observe and participate in actual business operations within the community. All internships must conform to institutional policy regarding the number of hours of work, the number of credit hours and written agreements with the cooperating business or agency. Prerequisites: 65 hours, 3.00 GPA and department approval. Graded credit/no credit.	D - Demand
ACCT	0498	Advanced Topics in Accounting	C2	1.00	3.00	For upper division accounting or related majors with topics to be announced each time the course is offered. Prerequisite: Senior standing or permission.	D - Demand
ACCT	0499	Independent Study in Accounting	C2	1.00	6.00	Individually directed readings, research and discussion in selected areas of accounting for advanced majors. Scope, depth, area of concentration and credit to be arranged upon entry into course. Offered by arrangement. Prerequisites: Permission and a minimum 3.00 GPA. Repeatable up to six credit hours.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ACCT	0502	Financial Accounting and Reporting	C2	3.00		Advanced study of accounting for business combinations, foreign currency transactions and translation, reorganizations and liquidations, and financial reporting requirements of the Securities & Exchange Commission. Prerequisite: Admission into MAcc program (AC10 or GR09).	F - Fall
ACCT	0508	Tax Planning and Research	C2	3.00		This course introduces the upper-division accounting major or master's degree student to the basic concepts, methods, and tools of tax research. The coverage is broad, exploring the general framework of tax law. Prerequisite: Admission into MAcc program (AC10 or GR09).	F - Fall
ACCT	0545	Integrative Accounting Seminar	C2	3.00		The course integrates financial accounting and fundamental managerial accounting topics with strategic analysis to evaluate the organization's objectives of liquidity, profitability, and operations efficiency. The emphasis is on cash flow statement, ratio analysis, and use of accounting information to facilitate ethical decision making, planning, budgetary control, and performance evaluation processes. Prerequisite: Admission into MAcc program (AC10 or GR09)..	SU - Summer
ACCT	0585	Controllershship	C2	3.00		A study of how accounting and operating information is used in management planning and decision making. Students will apply advanced costing models and design and evaluate management decision making information systems. Topics will include issues that are appropriate for consideration by executive management and the board of directors. Prerequisite: Admission into MAcc program (AC10 or GR09)..	F - Fall
ACCT	0598	Special Topics in Accounting	C2	3.00		For upper division accounting and Masters of Accountancy students with topics to be announced each time the course is offered. Prerequisite: Admission into MAcc program (AC10 or GR09).	D - Demand
ACCT	0601	Ethics and Professional Responsibility	C2	3.00		This course will provide the student with a framework for making ethical decisions in the accounting environment. In addition, the course will provide an introduction to professional responsibility with a particular focus on the CPA profession, and review legal issues of primary interest to professional accountants. Prerequisite: GB 301 and admission into MAcc program (AC10 or GR09)..	S - Spring
ACCT	0604	Contemporary Auditing Issues	C2	3.00		In-depth study of significant pronouncements of the Auditing Standards Board and the Public Company Accounting Oversight Board. Pronouncements will be compared to standards issued by the International Auditing and Assurance Standards Board. Prerequisite: ACCT 411 and admission into MAcc program (AC10 or GR09)..	S - Spring
ACCT	0632	Seminar in Financial Accounting Theory	C2	3.00		Review of the principles, rules, and procedures underlying the broad area of external financial reporting, including comparisons of U.S. and International Accounting Standards. Literature of the course is composed of publications by authoritative accounting bodies and contemporary developments in academic research. Admission into MAcc program (AC10 or GR09)..	S - Spring
ACCT	0691	Professional Internship	C2	3.00		In consultation with the coordinating professor, the student is engaged in first-hand experience with a business, organization, or other professional entity. A portfolio of assigned work shall be collected, examined, and evaluated during the semester. Prerequisite: Admission into MAcc program (AC10 or GR09)..	S - Spring
ACCT	0692	Seminar in Accounting Leadership	C2	3.00		An examination of the leadership and communication challenges associated with being a professional accountant. Students will lead and participate in teams of students while preparing income tax returns with the Volunteer Income Tax Assistance program. Prerequisite: Admission into MAcc program (AC10 or GR09).	S - Spring
ACCT	0698	Special Topics in Accounting	C2	3.00		For Masters of Accountancy students with topics to be announced each time the course is offered. Prerequisite: Admission into MAcc program (AC10 or GR09).	D - Demand
ACCT	0699	Independent Study in Accounting	C2	3.00		In consultation with coordinating professor, student selects a topic for intensive study in the student's program, with emphasis on research. Prerequisites: Admission into MAcc program (AC10 or GR09).	D - Demand
ANTH	0101	General Anthropology	C1	3.00		This course will introduce students to the field of anthropology, including its historical origins and the four sub-fields central to the discipline today: socio-cultural, linguistic, archeological, and physical/biological branches. Applied aspects of each of the four subfields will also be addressed. An emphasis is placed on the holistic nature of the discipline. It centers on an evolutionary and comparative approach to our species. MOTR: ANTH 101	F - Fall
ANTH	0246	Ozark Culture & Folklore	C1	3.00		An overview of the traditional culture of the Ozark Mountain region, beginning with earliest settlement, ethnic and religious composition of the region, and a brief history. The customs, beliefs, handicrafts, and other folkways characteristic of the region will be presented, and contrasted to the negative stereotypes and social stigma long attached to the Ozark native within general American society. The course will explore the unique characteristics of the Ozark variety of the South Midland dialect, and the many fascinating folktales and ballads which have been passed down through the generations. Finally, it will examine the Ozarker's image in popular culture as presented in various media, including film.	D - Demand
ANTH	0298	Topics in Anthropology	C1	3.00		Special Anthropology topics of current interest. Subjects and instructors may vary each semester. Students are encouraged to submit areas of interest to the Social Science Department.	D - Demand
ANTH	0302	North American Indians	C1	3.00		Ethnographic survey of the indigenous tribes of North America (excluding Mexico), including earliest archeological sequences followed by a description of the culture areas and traditional lifeways encompassed therein at the time of European contact. Emphasis upon the processes of culture change and adaptation over the past two centuries. Contemporary issues such as language renewal, the Pan-Indian movement, religious freedom, and tribal sovereignty are then placed within their cultural and historical contexts	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ANTH	0304	Magic, Ritual, and Religion	C1	3.00		This course will examine early anthropological theories on the evolution of religion. It will also document the variety of belief systems surrounding the spiritual world in traditional and contemporary societies, including sorcery, shamanism, ancestor veneration, and transcendent experiences. Conceptions of the sacred and the significance of place make up another segment of the course, as does the role of myth in structuring human thought and societies. Religious practice in the form of ritual, prayer, and symbolism are included from the framework of cultural anthropology. Finally, it will address the effects of culture contact and diffusion of major world religions upon indigenous peoples' belief systems.	F - Fall
ANTH	0342	Comparative Cultures	C1	3.00		A comparative study of human society and culture, focusing on theories of culture and cultural institutions as they relate to contemporary preindustrial peoples. An ethnographic examination of representative groups is provided for purposes of cross-cultural comparison. Prerequisite: SOC 110 or ANTH 155 or consent of instructor.	S - Spring
ANTH	0370	Globalization & Native People	C1	3.00		Globalization and Native Peoples focuses on the increasingly interconnected nature of human cultures around our planet. In this class, students will examine the socioeconomic, cultural, and political processes that work to both advance and to harm the unique lifeways of the thousands of indigenous people living as political and ethnic minorities within different nations. The course will address the complex and often negative effects of multinational corporations seeking to exploit natural resources within the traditional lands of native peoples, as well as the local ecological and health impact of various agencies. The course will also explore the role of modern media, including the Internet's popular social network sites, in another aspect of globalization today. Finally, the opposing trends of a global monoculture vs. the active promotion or revitalization of native language, culture, beliefs, and values will be discussed. Prerequisite: ANTH 101 (or above) or INTS 201 or SOC 110 or special permission from the instructor. Cross-listed as INTS 370.	S - Spring
ANTH	0385	Language & Culture	C1	3.00		Exploration of the relationship between language and culture from the theoretical and substantive approaches within anthropology, including the Sapir-Whorf hypothesis and the attempts to support or refute it. An ethnographic examination of the expressive potentialities of diverse languages and cultures is provided for purposes of cross-cultural comparison.	D - Demand
ANTH	0498	Advanced Topics in Anthropology	C1	3.00		Specialized knowledge and/or current research in the discipline. Topics will vary by situation and instructor. Students will prepare and critique papers based on original research.	D - Demand
ANTH	0499	Independent Study	C1	3.00		Structured by the adviser with approval of the department chair and school dean. Repeatable up to six credit hours.	D - Demand
ART	0101	Two-Dimensional Design	C1	3.00		Foundation studio course that incorporates principles and elements of design in solving studio problems. Six studio hours per week. There will be additional supply costs associated with this course.	F - Fall S - Spring
ART	0103	Three-Dimensional Design	C1	3.00		Foundation studio course introducing the use of the Elements of Design and Principles of Composition to design and create three-dimensional objects and spaces. A variety of basic materials, tools, skills, and techniques are covered. The course consists of lecture, research, studio projects, verbal and written critiques, and/or discussions. There will be additional supply costs associated with this course. Six studio hours per week.	F - Fall S - Spring
ART	0110	Art Appreciation	C1	3.00		Intended for the non-art major, this survey course is designed to increase understanding and appreciation of the visual arts. An emphasis is placed on the development of cognitive and critical processes as they relate to the visual arts. MOTR: ARTS 100	F - Fall S - Spring
ART	0130	Basic Drawing	C1	3.00		Development of perceptual and structural drawing skills through the study of line, value, perspective, and composition using various media. Six studio hours per week. There will be additional supply costs associated with this course. MOTR PERF 105D.	F - Fall S - Spring
ART	0140	Basic Digital Photography and Image Editing	C1	3.00		Introduction to digital photography, image editing and manipulation emphasizing technical and aesthetic issues and how these qualities inform image content. Six studio hours per week.	F - Fall S - Spring
ART	0195	Art and Design Orientation Seminar	C1	0.00		An introduction to the challenges of studying art and design. Students will learn about departmental opportunities and requirements, get to know Art & Design faculty, and visit regional art venues.	
ART	0200	Beginning Fibers	C1	3.00		Beginning studio course exploring terminology, materials, and processes of traditional fibers. An emphasis will be placed on investigating historical and contemporary uses of the three core fiber media: textiles, paper arts and weaving. Also the importance of the roles of functionality and craftsmanship will be examined. The course will consist of lecture, research, hands-on studio projects, verbal and written critiques, and discussions. There will be additional supply costs associated with this course.	F - Fall
ART	0205	Beginning Jewelry Design/Metalsmithing	C1	3.00		Creative exploration of design, basic metal fabrications, lost wax casting, and forging processes. Six studio hours per week. There will be additional supply costs associated with this course. Prerequisite: ART 103 (Three Dimensional Design) or approval of instructor.	F - Fall S - Spring
ART	0207	Beginning Ceramics	C1	3.00		An introduction to and the development of needed skills to use the potter's wheel to create basic pottery forms. Fundamentals of the entire ceramic process are introduced, including clay preparation, application of glazes, firing and methods and techniques of hand building with clay. There will be additional supply costs associated with this course. Six studio hours per week.	F - Fall S - Spring
ART	0210	Beginning Water Media	C1	3.00		Beginning studio course that introduces materials, techniques, and processes of watercolor and mixed media painting. Six (6) studio hours per week. Prerequisite: ART 130.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ART	0211	Beginning Sculpture	C1	3.00		An introductory exploration of formal and conceptual issues found in creating sculpture. This exploration includes using additive, subtractive, and construction techniques using, but not limited to, traditional sculpture materials, equipment, and techniques. This course consists of lecture, research, studio projects, verbal and written critiques, and/or discussions. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 103.	F - Fall S - Spring
ART	0212	Introduction to Printmaking	C1	3.00		Introduction to the printmaking tools, materials, techniques, and process of the (1) Intaglio: etching, drypoint, aquatint, and softground (2) Lithography (3) Monotype and monoprint (4) Relief: woodcut, linocut. Emphasis on drawing and design. Six studio hours per week. There will be additional supply costs associated with this course. Prerequisite: ART 130.	F - Fall S - Spring
ART	0215	Digital Illustration	C1	3.00		Introduces the visual principles of design and how to digitally illustrate those principles using appropriate design software. Emphasis is on development of software skills, ideation, and conceptualization of designs Six studio hours per week. There will be additional supply costs associated with this course. Prerequisites: ART 101.	F - Fall
ART	0216	Introduction to Web Design	C1	3.00		Introduction to the design theory and application of web design across multiple platforms using appropriate software. Emphasis is on development of software skills, ideation, conceptualization, and successful execution of web designs Six studio hours per week. There will be additional supply costs associated with this course. Prerequisite: ART 215.	S - Spring
ART	0220	Art for the Elementary School Teacher	C1	2.00		Art theory and experiences, curriculum theory and appropriate materials, objectives, methods, activities, and resources preparatory to instruction of elementary school students. Lecture, discussion, and studio. Required for elementary education majors. There will be additional supply costs associated with this course. Prerequisites: None.	F - Fall S - Spring
ART	0232	Beginning Painting	C1	3.00		Students will explore painting as a means of organizing, interpreting, and describing the visual world. Through paintings made from a variety of subjects, students will explore traditional and contemporary painting methods, and employ them in creating and solving visual problems. Oil paint is the primary medium, but water-based media and some applicable digital processes may also be introduced, with an emphasis on safe and environmentally responsible studio practices.. Six studio hours per week. There will be additional supply costs associated with this course.	F - Fall S - Spring
ART	0240	Introduction to Typography	C1	3.00		Introduction to the anatomy and vocabulary of typography and the process of creating original letterforms and typeface families using appropriate design software. Emphasis is on development of software skills, ideation, and conceptualization of designs. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 101.	F - Fall
ART	0251	Art History, Pre-Historic Through Gothic	C1	3.00		Historic survey of the visual arts primarily in the Near East, North Africa, and Europe from pre-historic times through the Middle Ages. MOTR: ARTS 101	F - Fall
ART	0252	Art History, Renaissance through Nineteenth Century	C1	3.00		Historic survey of the visual arts of Europe from the early Renaissance through the nineteenth century. A comparative study of other cultures will be included. MOTR: ARTS 102	S - Spring
ART	0262	Fashion Technology	C1	3.00		Students will learn basic fashion techniques for construction from a designer's sketch. Areas covered include fabrics, pattern development, cutting, sewing, dyeing and crafts. No previous skills are required. Class time will be divided to average out to two hours of lecture and two hours of lab time per week Cross-listed with TH232.	
ART	0270	Intermediate Drawing	C1	3.00		Intermediate studio course with an emphasis on perceptual, conceptual and technical development as it relates to the process of drawing. Six (6) studio hours per week. Prerequisite: ART 130.	F - Fall SU - Summer
ART	0295	Foundation Review	C1	0.00		Assessment process typically taken during the student's fourth semester that measures progression towards departmental objectives. Serves as entrance exam for our capstone experiences and as an admissions screening procedure for students interested in pursuing one of the departmental Bachelor of Fine Arts degrees. Prerequisite: A101, A103, A130, A140, A251 or A252, and either A215 and A240, or two of the following; A200, A205, A207, A211, A212, A232, or A270.	F - Fall S - Spring
ART	0298	Topics in Art	C1	0.00	3.00	Designed to give instruction in some discipline of Art not covered in other courses. Prerequisites to be determined by department.	
ART	0303	Art History, 19th Century	C1	3.00		Historic survey of the visual arts of Western Europe and the United States focusing primarily upon the styles of Neo-Classicism, Romanticism, Realism, Impressionism, and Post-Impressionism.	FO - Fall-Odd
ART	0304	Art History, 20th Century	C1	3.00		Study of the mainstreams of Western Art in Europe and the United States, including its sources and influences. Emphasis placed on the succession of modernist art movements in France and Germany from 1900 to 1945 and in the United States from 1945 to present.	FE - Fall-Even
ART	0305	Art Theory	C1	3.00		Exploration of the theoretical and philosophical underpinnings of art through the study of art history, aesthetics, philosophy, criticism, and cultural influences. Includes readings, discussions, and investigation of the ideas and conditions that influence the inception and development of works of art. The course consists of lecture, research, verbal and written critiques, presentations and discussions. Prerequisites: ART 251 and 252 or permission of instructor.	S - Spring
ART	0306	Art History, African Art	C1	3.00		Historical survey of African art covering different groups of people, different periods, geographic areas, and mediums. Requirements: research paper, oral presentations, periodic tests.	SO - Spring-Odd
ART	0307	Art History, Islamic Art	C1	3.00		Art historical course that surveys the arts and architecture of the traditional Islamic world, spanning Asia and North Africa, from the time of Muhammad to the present day. How trade and cultural relations between Europe and the Islamic world influenced the visual arts will also be introduced.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ART	0308	Art History, Women in Art	C1	3.00		A survey of the role of women as artists and subject in the visual arts from the middle ages to the present.	SE - Spring- Even SU - Summer
ART	0309	History and Theory of Graphic Design	C1	3.00		A course structured to give the graphic design student a survey of the complex history of this field. The class will cover the topics in graphic design from prehistoric times through the present. Involved will be the invention of alphabet, printing, moveable type, manuscript, type design, and most forms of printing. In addition they will cover the major periods in advertising history and understand the important visual forms that expanded this profession. Students will observe, analyze and critique artwork attributed to major design innovators from various periods in history. Course will consist of research, verbal and written critiques, and discussions.	SE - Spring- Even
ART	0310	Water Media	C1	3.00		Mixed media painting class that continues the development of techniques and aesthetic processes of watercolor painting. Six (6) studio hrs. per week. Prerequisite: ART 210..	D - Demand
ART	0313	Intaglio/Relief	C1	3.00		A continuation of Beginning Printmaking (Art 212). Emphasis on the techniques involved in the Intaglio and Relief Printing processes. Students will complete four major projects for each of the printing processes resulting in a total of eight finished works. May be repeated for a total of six credit hours. Prerequisite: ART 212.	F - Fall
ART	0314	Silkscreen/Lithography	C1	3.00		A continuation of Beginning Printmaking (Art 212). Emphasis on the techniques involved in the Serigraphy (silkscreen), and lithographic printing processes. Students will complete eight finished works relevant to the silkscreen and lithographic printing process. May be repeated for a total of six credit hours. Prerequisite: ART 212.	S - Spring
ART	0320	Introduction to Gallery Studies	C1	3.00		Introduction to gallery functions through observation and participation. Experience will include lecture, installation, exhibition design, curatorial and gallery processes, marketing, and communication with artists. Prerequisites: Sophomore or higher, Art major or Art History minor, or permission from instructor.	F - Fall S - Spring
ART	0324	Semiotics and Symbology	C1	3.00		Design theory and application of semiotics and symbology, introducing the process of creating original symbols using appropriate design software. Emphasis is on development of software skills, ideation, and conceptualization of designs. Six Studio hours per week Prerequisite: Art 215.	S - Spring
ART	0325	Page Layout Design	C1	3.00		The design theory and application of single and multiple page documents using appropriate software. Emphasis is on development of software skills, ideation, conceptualization, and successful designs of various printed materials. There will be additional supply costs associated with this course. Prerequisite: ART 240.	F - Fall
ART	0326	Advanced Web Design	C1	3.00		Addresses the development of complex content for web design across multiple platforms using appropriate software. Emphasis is on development of software skills, ideation, conceptualization, and successful execution of web designs. Six Studio hours per week Prerequisite: ART 216.	S - Spring
ART	0327	Advanced Typography	C1	3.00		Design theory and application of experimental and non-traditional typography including using mixed media. Emphasis is on development of digital and non-digital design skills, ideation, and conceptualization of designs. Six Studio hours per week Prerequisite: ART 240.	S - Spring
ART	0330	Jewelry Design/Metalsmithing	C1	3.00		Exploration of advanced methods and techniques of complex forms for jewelry and metalsmithing design. Six studio hours per week. There will be additional supply costs associated with this course. May be repeated for a total of six credit hours. Prerequisite: ART 205.	F - Fall S - Spring
ART	0332	Painting	C1	3.00		Students select two proposed individual content problems for self-development using a variety of media. The results will be two series of paintings on stretched canvas that provide unique solutions. Six studio hours per week. There will be additional supply costs associated with this course. May be repeated for a total of six credit hours. Prerequisite: ART 232.	S - Spring
ART	0333	Landscape Painting	C1	3.00		Study of history, theory, and practice of landscape painting. Students will attend lectures, do observational paintings outdoors and complete larger studio works. Six (6) studio hours per week. Prerequisite: ART 232 or permission of the instructor.	D - Demand
ART	0334	Mural Painting	C1	3.00		A hands-on study of mural creation, covering the history and applicable theories of public art. Special emphasis will be on the contemporary community mural movement. Primarily a studio course, practical design projects will be supplemented with visits to area murals, lectures and relevant writing assignments. Class will work collaboratively on multiple mural projects. Six (6) studio hours per week. Prerequisite: ART 232 or permission of the instructor.	D - Demand
ART	0335	Portrait Painting	C1	3.00		Study of history, theory, and practice of portrait painting. Students will learn techniques related to creating human likenesses in oil paint and exploring expressive possibilities of portraiture. Six studio hours per week. Prerequisite: ART 232 or permission of the instructor.	D - Demand
ART	0337	Wheel Throwing	C1	3.00		An intermediate level ceramics studio class with a focus on developing and expanding the skills and techniques used with the potter's wheel. Designed to improve knowledge and skills with using ceramic materials and techniques, especially in regards to creating functional pottery forms. This course consists of lecture, research, studio projects, verbal and written critiques, and/or discussions. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 207.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ART	0338	Hand Building with Clay	C1	3.00		An intermediate-level ceramics studio class focusing on developing and expanding the skills and techniques of hand building objects with clay. Designed to improve knowledge and skills with ceramic materials and technique, especially in regards to creating sculpture ceramic forms. This course consists of lecture, research, studio projects, verbal and written critiques, and/or discussions. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 207.	S - Spring
ART	0339	Moldmaking and Multiples for Ceramics	C1	3.00		Studio course covering the concepts of multiples and the techniques utilized in the replication of identical or similar forms in contemporary functional and sculptural ceramic works. Mold making techniques such as press molds, extrusions, drain molds and other production techniques will be covered. Course will emphasize the fabrication of various types of plaster molds and introduce the slip casting process. Prerequisite: Art 103, 207 or permission of the instructor.	SE - Spring- Even
ART	0341	Sculpture Foundry	C1	3.00		An intermediate sculpture course focusing on plaster mold making and introducing the materials and techniques used in traditional (lost wax) as well as contemporary sculptural casting processes. Model making, investment, casting, chasing, and mounting of aluminum and/or bronze sculptures are covered. The course consists of lecture, research, studio projects, verbal and written critiques, and/or discussions. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 211 or approval of instructor.	F - Fall
ART	0342	Sculpture	C1	3.00		An intermediate study of creating sculptural forms, focusing on improving knowledge and skills with materials and techniques, conceptual thinking, and visual communication. The course consists of lecture, research, presentations, studio projects, verbal and written critiques, and/or discussions. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 211.	S - Spring
ART	0350	Packaging Design	C1	3.00		Introduces the development of three dimensional packaging and two dimensional labels for the distribution, storage, sale, and use of products. Emphasis is on development of software and hardware skills, ideation, conceptualization, and successful execution of packaging design. There will be additional supply costs associated with this course. Prerequisite: ART 240.	S - Spring
ART	0351	Identity Systems	C1	3.00		The theory and development of branding across multiple design platforms. Emphasis is on development of software and hardware skills, ideation, conceptualization, and successful execution of identity systems. There will be additional supply costs associated with this course. Prerequisite: ART 350.	F - Fall
ART	0352	Motion Graphics	C1	3.00		The theory and development of digital footage or animation combined with audio for multimedia output. This course also investigates various manual animation outputs. Emphasis is on development of software skills, ideation, conceptualization, and successful execution of both digital and manual animations. Prerequisite: ART 215.	F - Fall
ART	0360	Publications Design and Layout	C1	3.00		A course in the basic technical preparation of artwork prior to publication. Computer production techniques are taught in the context of simulated professional job processes. This course will cover specific computer and printing processes such as halftones and screens, one color, duotones and overlay techniques, two color, photo sizing, four color process printing, and color separations. Additionally, basic layout, imposition and bindery, studio business practices such as pricing, estimating, time tracking, budgets, client contact and presentation will be covered. Six studio hours per week. There will be additional supply costs associated with this course. Prerequisite: ART 325.	S - Spring
ART	0362	Fashion Design	C1	3.00		Theory and practical aspects of fashion design. Emphasis on nonverbal communication of themes, character, cultures, and historical period through rendered fashion designs. Cross-listed with TH 0362.	
ART	0364	History and Theory of Fashion	C1	3.00		A historical survey of the evolution of western fashion traced through garment development from ancient times to present day. Aesthetics, textiles, fashion details, period silhouettes, cultural and artistic trends along with social and political history will be investigated using applied and cultural methodologies.	
ART	0365	Swedish Photography Seminar	C1	3.00		Swedish Photography Seminar enrollment is limited to those individuals participating in the Summer in Sweden travel and study program. Course consists of lecture, on-site photography, critiques and photo lab work in traditional silver black and white photography. Meeting days and times will coordinate with required travel dates. Enrollment by permission of the Summer in Sweden Director or Art Department Head. Lab fee required.	SU - Summer
ART	0366	The Art of Scandinavia	C1	3.00		Art Historical survey of Scandinavian Art with enrollment limited to those individuals participating in the Summer in Sweden travel and study program. Art Students visit museums in Stockholm, Oslo, and Copenhagen to study a wide variety of Scandinavian art from many different periods. They observe, analyze and critique selected works and architecture from a wide variety of periods to compare and contrast with contemporary works. Course consists of travel, research, verbal and written critiques, and discussions. Enrollment by permission of the Summer in Sweden Director or Art Department Head.	SU - Summer
ART	0367	International Art Seminar	C1	3.00		Provides a unique international educational opportunity to MSSU students as it is an Art History course with an interdisciplinary visual research/studio component. Students initially engage in Art Historical/Cultural studies abroad and upon returning engage in either Art Studio practice other scholarly visual research, the results of which are displayed in a public exhibition in the MSSU Spiva Gallery thematically related to the international themed semester.	D - Demand
ART	0371	Life Drawing	C1	3.00		Drawing the human figure with emphasis on anatomy, structure and form using a variety of media. Six studio hours per week. There will be additional supply costs associated with this course. May be repeated for a total of six credit hours. Prerequisites: ART 101 and ART 130.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ART	0372	Color Theory	C1	3.00		Studio course dealing with the theories, problems and applications of color in historical and contemporary usages in art. Six Studio hours per week Prerequisite: Art 101.	F - Fall
ART	0380	K-8 Methods	C1	2.00		Exploration of Art Education theory, curriculum, materials, objectives, methods, activities, service learning, and resources preparatory to instruction of elementary school students. Lecture, discussion, and studio. Required for art education majors. First 8 weeks of semester. Must be in the Teacher Education program and have previously taken Junior Block courses.	F - Fall
ART	0381	9-12 Methods	C1	2.00		Exploration of Art Education theory, curriculum, materials, objectives, methods, activities, service learning, and resources preparatory to instruction of secondary school students. Lecture, discussion, and studio. Required for art education majors. Second 8 weeks of semester, taken immediately after ART 380 K-8 Methods. Must be in the Teacher Education program and have previously taken Junior Block courses.	F - Fall
ART	0385	Fibers	C1	3.00		Expands terminology, materials, and processes of using traditional fibers as an art media. An emphasis will be placed on working to develop a body of work with advanced technical and conceptual elements using textiles, paper arts and weaving. The importance of the roles of functionality and craftsmanship will be examined. Six (6) studio hours per week. Prerequisite: ART 200.	F - Fall
ART	0400	Advanced Drawing	C1	3.00		Advanced investigation of various drawing elements including compositions, structure, and aesthetics. Six studio hours per week. There will be additional supply costs associated with this course. May be repeated for a total of six credit hours. Prerequisites: ART 270 and ART 371.	F - Fall S - Spring
ART	0401	Advanced Painting	C1	3.00		Students select an individual problem for self-development using a variety of media. Six studio hours per week. There will be additional supply costs associated with this course. May be repeated for a total of six credit hours. Prerequisite: ART 310 or ART 332.	F - Fall S - Spring
ART	0407	Advanced Ceramics	C1	3.00		Advanced methods, techniques and procedures of pottery making and design in clay. Six studio hours per week. There will be additional supply costs associated with this course. May be repeated for a total of six credit hours. Prerequisite: ART 337 or ART 338 or approval of instructor.	F - Fall S - Spring
ART	0411	Advanced Sculpture	C1	3.00		An advanced study of sculpture designed to encourage independent thought and investigation to aid in developing the artist's personal imagery while improving knowledge and skills with materials and technique, conceptual thinking, and visual communication. The course will consist of lecture, research, studio projects, verbal and written critiques, and/or discussions. There will be additional supply costs in addition to course fees. Six studio hours per week. There will be additional supply costs associated with this course. Prerequisite: ART 341 or 342. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0412	Advanced Printmaking	C1	3.00		Serigraphy (silkscreen), lithography, intaglio, relief, and monoprint processes. Advanced studio methods for color registration and mixed media procedures. Emphasis on design, drawing concept, technical proficiency, and presentation. Six studio hours per week. There will be additional supply costs associated with this course. May be repeated for a total of six credit hours. Prerequisite: ART 313 or ART 314.	F - Fall S - Spring
ART	0422	Special Projects 1 in Graphic Design	C1	3.00		Advanced studio project selected by the student in a particular area of graphic design. Students attend a regularly scheduled course of related content but complete an independent special project approved by the instructor. Requirements: (1) an exhibit of the special project two weeks before the end of the semester and (2) a formal paper documenting the special project. Prerequisite: ART 450 and approval of the instructor. Six studio hours per week. There will be additional supply costs associated with this course. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0423	Special Projects I in Jewelry/Metalsmithing	C1	3.00		An advanced studio study in jewelry and metalsmithing. Students attend a regularly scheduled course of related content but complete an independent special project approved by the instructor. Requirements: (1) an exhibit of the special project two weeks before the end of the semester and (2) a formal paper and presentation documenting the special project(s). There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 330 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0424	Special Projects 1 in Painting	C1	3.00		An advanced studio study in painting. Students attend a regularly scheduled course of related content but complete an independent special project approved by the instructor. Requirements: (1) an exhibit of the special project two weeks before the end of the semester and (2) a formal paper and presentation documenting the special project(s). There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 401 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0426	Special Projects I in Sculpture	C1	3.00		An advanced studio study in sculpture. Students attend a regularly scheduled course of related content but complete an independent special project approved by the instructor. Requirements: (1) an exhibit of the special project two weeks before the end of the semester and (2) a formal paper and presentation documenting the special project(s). There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 411 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0427	Special Projects I in Ceramics	C1	3.00		An advanced studio study in ceramics. Students attend a regularly scheduled course of related content but complete an independent special project approved by the instructor. Requirements: (1) an exhibit of the special project two weeks before the end of the semester and (2) a formal paper and presentation documenting the special project(s). There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 407 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ART	0428	Special Projects I in Drawing	C1	3.00		An advanced studio study in drawing. Students attend a regularly scheduled course of related content but complete an independent special project approved by the instructor. Requirements: (1) an exhibit of the special project two weeks before the end of the semester and (2) a formal paper and presentation documenting the special project(s). There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 400 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0429	Special Projects I in Printmaking	C1	3.00		An advanced studio study in printmaking. Students attend a regularly scheduled course of related content but complete an independent special project approved by the instructor. Requirements: (1) an exhibit of the special project two weeks before the end of the semester and (2) a formal paper and presentation documenting the special project(s). There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 412 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0442	Special Projects II in Graphic Design	C1	3.00		Advanced studio project selected by the student in a particular area of graphic design. Students attend a regularly scheduled course of related content but complete an independent special project approved by the instructor. Requirements: (1) an exhibit of the special project two weeks before the end of the semester and (2) a formal paper and presentation documenting the special project. Prerequisite: ART 422 and approval of the instructor. Six studio hours per week. There will be additional supply costs associated with this course. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0443	Special Projects II in Jewelry/Metalsmithing	C1	3.00		Same as ART 423. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 423 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0444	Special Projects II in Painting	C1	3.00		Same as ART 424. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 424 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0446	Special Projects II in Sculpture	C1	3.00		Same as ART 426. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 426 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0447	Special Projects II in Ceramics	C1	3.00		Same as ART 427. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 427 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0448	Special Projects II in Drawing	C1	3.00		Same as ART 428. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 428 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0449	Special Projects II in Printmaking	C1	3.00		Same as ART 429. There will be additional supply costs associated with this course. Six studio hours per week. Prerequisite: ART 429 and approval of instructor. May be repeated for a total of six credit hours.	F - Fall S - Spring
ART	0450	Interaction Design	C1	3.00		The theory and development of User Interface (UI), and User Experience (UX) design across multiple platforms and outputs. Emphasis is on development of software and hardware skills, ideation, conceptualization, and successful execution of UI/UX designs. There will be additional supply costs associated with this course. Prerequisite: ART 326.	S - Spring
ART	0451	Advanced Motion Graphics	C1	3.00		Advanced development and theories of digital footage or animation combined with audio for multimedia output. Emphasis is on development of software skills, ideation, conceptualization, and successful execution of both digital and manual animations. Prerequisite: ART 352.	S - Spring
ART	0452	Design Practicum	C1	3.00		Provides students the experience of working directly with real world clients within the classroom setting. Emphasis is on development of professional skills and design industry best practices for the entire design process from ideation to production. Six studio hours per week. Prerequisites: ART 351.	S - Spring
ART	0480	Illustration Portfolio	C1	0.00		A digital portfolio submission of the student's creative research is required of all Certificate of Illustration candidates upon completion of their required coursework. Prerequisites: ART 210, ART 215, ART 240, ART 270, ART 371, and ART 372 (may be concurrent).	F - Fall S - Spring
ART	0481	Publication Design Portfolio	C1	0.00		A digital portfolio submission of the student's creative research is required of all Certificate of Publication Design candidates upon completion of their required coursework. Prerequisites: ART 215, ART 240, ART 325, ART 360, and COMM 220 or ART 491 (may be concurrent).	F - Fall S - Spring
ART	0482	Interdisciplinary Photography Portfolio	C1	0.00		A digital portfolio submission of the student's creative research is required of all Certificate of Interdisciplinary Photography candidates upon completion of their required coursework. Prerequisites: SUAS 101, ART 140, CJ 220, COMM 302.	
ART	0483	New Media Portfolio	C1	0.00		A digital portfolio submission of the student's creative research is required of all Certificate of New Media candidates upon completion of their required coursework. Prerequisites: completion of coursework (may be concurrent with final semester of work).	F - Fall S - Spring
ART	0485	Advanced Fibers	C1	3.00		Expands terminology, materials, and processes of using traditional fibers as an art media. An emphasis will be placed on working to develop a body of work with advanced technical and conceptual elements using textiles, paper arts and/or weaving. The importance of the roles of functionality and craftsmanship will be examined. Six (6) studio hours per week. May be repeated for a total of six credit hours. Prerequisite: ART 385.	F - Fall
ART	0489	Professional Design Practices	C1	2.00		Addresses a variety of practical topics faced by professional designers including; portfolio development and presentation, professional writing, and career opportunities for designers. Two hours lecture per week. Prerequisite: ART 295.	F - Fall
ART	0490	Professional Studio Practices	C1	2.00		Addresses a variety of practical topics faced by professional artists including; portfolio development and exhibition presentation, professional writing, and career opportunities for artists. Two hours lecture per week. Prerequisite: ART 295.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ART	0491	Internship in Art	C1	1.00	8.00	An off-campus work experience in a professional setting for advanced art majors. All internships must conform with institutional policy regarding the number of hours per credit and with contractual agreements involving the cooperating organization. Prerequisites: six hours of upper division level art coursework, junior standing or above, and approval of the Art Department Internship Coordinator.	F - Fall S - Spring SU - Summer
ART	0495	Art Capstone Experience	C1	0.00		A public display of a body of creative work(s) is required of all art majors within the last year of residency. Prerequisite: ART 489 or ART 490 (may be concurrent).	F - Fall
ART	0496	BFA Thesis	C1	0.00		A written summation of the student's creative research in MLA format is required of all Bachelor of Fine Arts majors their final year of residency. Prerequisite: ART 489 or ART 490 (may be concurrent).	F - Fall S - Spring
ART	0498	Special Topics in Art	C1	1.00	3.00	For upper division Art majors or related majors. Topics and methods of current interest not included in other courses. Enrollment by permission of instructor or department head. Prerequisites to be determined by Art Department.	D - Demand
ART	0499	Independent Study	C1	1.00	3.00	An in-depth study of some specialized topic or project not considered in the art department course offerings. An adviser from the art faculty will structure the independent study with the approval of the department head. Prerequisite: At least 90 hours completed and an overall cumulative GPA of 3.0 or higher. Enrollment must be approved by the department head and school dean.	F - Fall S - Spring SU - Summer
ART	0503	Art History, 19th Century	C1	3.00		Historic survey of the visual arts of Western Europe and the United States focusing primarily upon the styles of Neo-Classicism, Romanticism, Realism, Impressionism, and Post Impressionism. Prerequisite: Approval by the Art Department for post baccalaureate studies in Art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	FE - Fall-Even
ART	0504	Art History, 20th Century	C1	3.00		Historic survey of the visual arts of Western Europe and the United States focusing primarily upon the succession of modernist art movements in France and Germany from 1900 to 1945 and in the United States from 1945 to the end of the century. Prerequisite: Approval by the Art Department for post baccalaureate studies in Art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	FO - Fall-Odd
ART	0505	Art Theory	C1	3.00		Exploration of the theoretical and philosophical underpinnings of art through the study of art history, aesthetics, philosophy, criticism, and cultural influences. Includes readings, discussions, and investigation of the ideas and conditions that influence the inception and development of works of art. Prerequisite: Approval by the Art Department for post baccalaureate studies in Art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	S - Spring
ART	0506	Art History, African Art	C1	3.00		Historic survey of African art covering different groups of people, periods, geographic areas, and mediums. Includes examination and consideration of selected examples of from the MSSU African Art Collection. Prerequisite: Approval by the Art Department for post baccalaureate studies in Art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	D - Demand
ART	0508	Art History, Women in Art	C1	3.00		Historical survey with an emphasis from the middle ages to present of religious, mythological and secular images of women in art, women artists, their artistic contributions, and various limitations put on women as creators of art throughout history. Prerequisite: Approval by the Art Department for post baccalaureate studies in Art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	D - Demand
ART	0509	History Theory Graphic Design	C1	3.00		Historical survey of graphic design including invention of alphabets, printing, moveable type, manuscript, type design and most forms of printing. Includes major periods in advertising history, design innovators, and the visual forms that expanded the design profession. Prerequisite: Approval by the Art Department for post baccalaureate studies in Art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	SE - Spring-Even
ART	0522	Special Projects in Design I	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of design. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor. Six studio hours per week. Prerequisite: Approval by the Art Department for post baccalaureate studies in art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring
ART	0524	Special Projects in Painting I	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of painting. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor. Six studio hours per week. Prerequisite: Approval by the Art Department for post baccalaureate studies in art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring
ART	0526	Special Projects Sculpture I	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of sculpture. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor. Six studio hours per week. Prerequisite: Approval by the Art Department for post baccalaureate studies in art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring
ART	0527	Special Projects in Ceramics I	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of ceramics. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor. Six studio hours per week. Prerequisite: Approval by the Art Department for post baccalaureate studies in art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ART	0528	Special Projects in Drawing I	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of drawing. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor. Six studio hours per week. Prerequisite: Approval by the Art Department for post baccalaureate studies in art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring
ART	0529	Special Projects Printmaking I	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of printmaking. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor. Six studio hours per week. Prerequisite: Approval by the Art Department for post baccalaureate studies in art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring
ART	0542	Special Projects Design II	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of design. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor culminating in a formal paper and presentation documenting the project. Six studio hours per week. Prerequisite: ART 522. May be repeated for 6 total hours.	F - Fall S - Spring
ART	0544	Special Projects Painting II	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of painting. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor culminating in a formal paper and presentation documenting the project. Six studio hours per week. Prerequisite: ART 524. May be repeated for 6 total hours.	F - Fall S - Spring
ART	0546	Special Projects Sculpture II	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of sculpture. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor culminating in a formal paper and presentation documenting the project. Six studio hours per week. Prerequisite: ART 526. May be repeated for 6 total hours.	F - Fall S - Spring
ART	0547	Special Projects Ceramics II	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of ceramics. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor culminating in a formal paper and presentation documenting the project. Six studio hours per week. Prerequisite: ART 527. May be repeated for 6 total hours.	F - Fall S - Spring
ART	0548	Special Projects Drawing II	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of drawing. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor culminating in a formal paper and presentation documenting the project. Six studio hours per week. Prerequisite: ART 528. May be repeated for 6 total hours.	F - Fall S - Spring
ART	0549	Special Project Printmaking II	C1	3.00		A self directed studio study of critical, technical, aesthetic, and conceptual concerns related broadly or narrowly to creative research in the discipline of printmaking. Students attend a regularly scheduled course of related content but devise a personalized creative research project collaboratively with the instructor culminating in a formal paper and presentation documenting the project. Six studio hours per week. Prerequisite: ART 529. May be repeated for 6 total hours.	F - Fall S - Spring
ART	0565	Swedish Photography Seminar	C1	3.00		On site photography and darkroom processing using traditional 35 mm black and white photography paired with visits to museum and galleries in Denmark, Norway, and Sweden to see photographic works first hand. Limited to individuals participating in the Summer in Scandinavia study abroad program. Prerequisite: Approval by the Art Department for post baccalaureate studies in art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	SU - Summer
ART	0566	The Art of Scandinavia	C1	3.00		Art historical survey of the art, architecture and design of Denmark, Norway and Sweden compared and contrasted with other western works. Focus is typically from the Viking age through contemporary eras and limited to individuals participating in the Summer in Scandinavia study abroad program. Prerequisite: Approval by the Art Department for post baccalaureate studies in Art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	SU - Summer
ART	0598	Special Topics in Art	C1	1.00	3.00	For post-baccalaureate studies in Art of topics and methods of current interest not included in other courses. Prerequisites to be determined by Art Department but include approval by the Art Department for post baccalaureate studies in art or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval. May be repeated.	D - Demand
ART	0624	Studio Painting	C1	3.00		A self-directed graduate level studio based study of critical, technical, aesthetic, and conceptual issues related broadly or narrowly to creative research in the discipline of painting. Students attend a regularly scheduled course of related content but devise personalized creative research collaboratively with the instructor. Six studio hours per week. Prerequisite: ART 524.	F - Fall S - Spring
ART	0626	Studio Sculpture	C1	3.00		A self-directed graduate level studio based study of critical, technical, aesthetic, and conceptual issues related broadly or narrowly to creative research in the discipline of sculpture. Students attend a regularly scheduled course of related content but devise personalized creative research collaboratively with the instructor. Six studio hours per week. Prerequisite: ART 526.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ART	0627	Studio Ceramics	C1	3.00		A self-directed graduate level studio based study of critical, technical, aesthetic, and conceptual issues related broadly or narrowly to creative research in the discipline of ceramics. Students attend a regularly scheduled course of related content but devise personalized creative research collaboratively with the instructor. Six studio hours per week. Prerequisite: ART 527.	F - Fall S - Spring
ART	0628	Studio Drawing	C1	3.00		A self-directed graduate level studio based study of critical, technical, aesthetic, and conceptual issues related broadly or narrowly to creative research in the discipline of Drawing. Students attend a regularly scheduled course of related content but devise personalized creative research collaboratively with the instructor. Six studio hours per week. Prerequisite: ART 528.	F - Fall S - Spring
ART	0629	Studio Printmaking	C1	3.00		A self-directed graduate level studio based study of critical, technical, aesthetic, and conceptual issues related broadly or narrowly to creative research in the discipline of Printmaking. Students attend a regularly scheduled course of related content but devise personalized creative research collaboratively with the instructor. Six studio hours per week. Prerequisite: ART 529.	F - Fall S - Spring
ART	0680	Post-Baccalaureate Studies in Art Portfolio	C1	0.00		A digital portfolio submission of the student's creative research is required of all Certificate of Post Baccalaureate Studies in Art candidates upon completion of their required coursework. Prerequisite: ART 505 and a 600 level Studio Art Course (may be concurrent).	F - Fall S - Spring
BIO	0100	Freshman Seminar	C3	1.00		Designed to give formal and informal instruction to incoming Biology majors on careers in Biology, internships, and provide opportunities for students to become actively involved with departmental programs. Recommended for all Biology majors.	F - Fall
BIO	0101	General Biology	C3	4.00		A survey of general biological principles that emphasize concepts relevant to the student. Special topics may be used to illustrate course content. Three one-hour lectures, one two-hour laboratory per week. Fulfills General Education requirements for Area 3 Natural Sciences. Does not fulfill biology degree requirements. MOTR: BIOL 100L.	F - Fall S - Spring SU - Summer
BIO	0102	General Biology	C3	3.00		A survey of general biological principles that emphasize concepts relevant to the student. Special topics may be used to illustrate course content. Three one-hour lectures per week. Fulfills General Education requirements for Area D1. Does not fulfill biology major requirements. MOTR: BIOL 100	F - Fall S - Spring
BIO	0108	Principles of Biology I	C3	3.00		First in a two-course introductory sequence for biology majors. The unifying principles of living organisms including scientific method, biological molecules, cell structure, function and metabolism, genetics, evolution, and a survey of Prokaryotes and Protists. Three lectures per week. Fulfills general education requirements for Area 3B (with BIO 109). Prerequisites: an ACT comp score of 21 or higher; or BIO 101 with a grade of 'C' or better. Co-requisite: BIO 109. High school chemistry strongly recommended. MOTR: BIO 150L (with BIO 109) or BIO 150 (without BIO 109)	F - Fall S - Spring
BIO	0109	Principles of Biology I Lab	C3	1.00		The laboratory component for the first in a two-course introductory sequence for biology majors. The unifying principles of living organisms including scientific method, biological molecules, cell structure, function and metabolism, genetics, evolution, and a survey of Prokaryotes and Protists. One three-hour lab per week. Prerequisites: an ACT comp score of 21 or higher; or BIO 101 with a grade of 'C' or better. Co-requisite: BIO 108. High school chemistry strongly recommended. MOTR: BIOL 150L (with BIO 108)	F - Fall S - Spring
BIO	0111	Principles of Biology II	C3	4.00		A continuation of BIO 108/109 to include the evolution, diversity, structure, function and ecology of plants, fungus and animals. Three lectures, one three-hour lab per week. Prerequisites: BIO 108 and BIO 109 with a grade of 'C' or better.	F - Fall S - Spring
BIO	0121	Human Anatomy and Physiology I	C3	4.00		The first in a two-course sequence in which human anatomy and physiology are studied using a body system approach. Includes the concept of scientific inquiry and the fundamental concepts of cell biology, cell metabolism and genetics. Three lectures and one, two-hour lab per week. Fulfills the Core Curriculum requirements in Area 3B for certain Allied Health, Environmental Health, and Nursing majors. MOTR: LIFS 150LAP	F - Fall S - Spring SU - Summer
BIO	0180	Essential Anatomy & Physiology	C3	4.00		Introduces fundamental biological and scientific principles by studying the structures, actions, and processes of the human body. Emphasis will be on the structure and function of organs and organ systems of the human body. This provides knowledge to better interpret and evaluate biological information encountered in health and human activity. Two hours of lecture and two 2-hour labs per week. Course is restricted to Kinesiology majors or with permission of instructor. Fulfills the Core Curriculum requirements in Area 3B for certain majors. MOTR: LIFS 100LAP	F - Fall S - Spring
BIO	0195	Laboratory in Biology	C3	1.00	2.00	For students transferring Biology courses to MSSU without a required laboratory component. This will allow equivalency between the transferred course and the MSSU course. May be repeated for credit as necessary.	F - Fall S - Spring SU - Summer
BIO	0197	Introduction to Research in Biology	C3	0.00		Individual work, under the supervision of a faculty member, allows students to explore the possibility of conducting a student-driven, inquiry-based research project. Literature review and lab safety protocols and procedures applicable to the project are emphasized. Upon successful completion (as determined by the supervising faculty member), students may be considered for enrollment in BIO 299 or BIO 499 courses. Prerequisite: Instructor and Department Chair approval.	F - Fall S - Spring SU - Summer
BIO	0201	Human Anatomy	C3	5.00		A general treatment of human anatomy from the tissue through the organ system levels of organization. The lecture provides the conceptual and organizational framework for laboratory, which utilizes microscopy, dissection, anatomical models, and anatomical software. Three hours of lecture and two, two-hour labs per week. Prerequisite: BIO 101 or EH 101 or BIO 111 with a grade of "C" or higher.	F - Fall S - Spring SU - Summer

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
BIO	0210	Molecular Cell Biology	C3	4.00		The study of molecular aspects of cellular structure and function. Biological characteristics of molecules including carbohydrates, lipids, nucleic acids, and proteins will be taught with an emphasis on the concept that organismal physiology is the expression of molecular function. Differences between prokaryotes and eukaryotes will be included. Three hours of lecture, one 3-hr lab per week. Prerequisites: BIO 111 with a grade of 'C' or higher and CHEM 142.	F - Fall S - Spring
BIO	0220	CURE (Classroom-Based Undergraduate Research Experience)	C3	1.00	5.00	Classroom based undergraduate research experience or CURE classes provide hands on research experience to undergraduate students in a classroom setting. Faculty will lead an inquiry-based research project in specific area of expertise. Scientific design and related scientific procedures are emphasized. Class structure may vary depending on the topic. Prerequisite: Determined by the Instructor.	D - Demand
BIO	0221	Human Anatomy and Physiology II	C3	5.00		This course is a continuation of BIO 121 – Human Anatomy and Physiology I. A systems approach will be used to emphasize the interrelationships between form and function at the gross and microscopic levels of human organization. Three lectures and two, two-hour labs per week. Credit toward the biology major granted for one physiology course: BIO 221 or BIO 301. Prerequisite: BIO 121 with a grade of 'C' or better.	F - Fall S - Spring SU - Summer
BIO	0231	General and Medical Microbiology	C3	5.00		Structure and function of microorganisms. Topics include the general principles of microbiology, immunology, and the identification of microorganisms. Three lectures and two 2 hour labs per week. Prerequisites: BIO 101 or BIO 108 & 109 or BIO 121 or EH 101 and CHEM 121 and CHEM 122 or CHEM 140 and CHEM 141.	F - Fall S - Spring SU - Summer
BIO	0240	Radiation Biology	C3	3.00		Survey of various types of radiation affecting humans, the uses of radiation, and methods for monitoring radiation levels. Emphasis on the physiological damage that occurs to tissues following ionizing radiation. Three lectures per week. Prerequisites: Five hrs. of chemistry or acceptance into the School of Radiologic Technology.	F - Fall S - Spring
BIO	0297	Independent Research in Biology	C3	1.00	3.00	Individuals work under the supervision of a faculty member, or sponsoring institution, in order to address particular research questions. Research may be undertaken in any field of biology, with adequate preparation and the approval of the supervising instructor and department chair. Students are required to complete all applicable lab or facility safety training. Students are responsible for securing funding for the research project. Registration approval will be based on a completed research proposal. Prerequisite: Instructor and Department Chair approval. BIO 197 as a prerequisite or co-requisite.	F - Fall S - Spring SU - Summer
BIO	0298	Topics in Biology	C3	1.00	5.00	Designed to give instruction in some discipline of biology not covered in other courses. Prerequisites to be determined by department.	D - Demand
BIO	0299	Independent Study in Biology	C3	1.00	5.00	Individual work, under the supervision of a faculty member, that allows students to explore various topics in Biology that are not research- or internship-based. Potential topics could include, but are not limited to, advanced study of other course topics, developing new laboratory skills, and exploring new software. Registration approval will be based on a completed course proposal. Prerequisite: Instructor and Department Chair approval.	F - Fall S - Spring SU - Summer
BIO	0300	Evolution	C3	3.00		Course designed to enhance the understanding and appreciation of the modern scientific theory of evolution. Evidence and mechanics of evolution exemplified by molecular biology, systematics, genetics, and population ecology will be included as well as samples of current evolutionary research. Three lectures per week. Prerequisites: BIO 111 or BIO 101 or BIO 105.	SE - Spring-Even
BIO	0301	Human Physiology	C3	4.00		A general treatment of normal human physiology which emphasizes physiological control and homeostasis at the organ system level of organization. Lecture focuses on physiological processes and concepts; the lab emphasizes the measurement and interpretation of physiological variables. Three hours of lecture and one 3-hr lab per week. Prerequisites: BIO 201 or BIO 331 and CHEM 120 or higher with a grade of 'C' or better.	F - Fall S - Spring
BIO	0302	Conservation Biology	C3	3.00		The study of the conservation of biodiversity based on the principles of ecology, evolution, and genetics. This course focuses on ecological and evolutionary principles relevant to conservation, levels of and threats to biodiversity, and practical aspects of conservation, within the context of a human dominated earth. Three lectures per week. Pre-requisite: BIO 111	FE - Fall-Even
BIO	0304	Introduction to Geographic Information Systems	C3	3.00		Geographic Information Systems, GIS, involves the study of spatial (geographic) location of features on the Earth's surface and the relationships between them. The goal of this course is to introduce students to the principles of cartography and GIS as they are used to analyze spatial aspects of society and the human and physical environments. Particular attention will be focused on ecology, environmental health, and related fields Prerequisite: Junior Standing or consent of instructor. Cross-listed as EH 304 and GEOG 304.	D - Demand
BIO	0305	Genetics	C3	4.00		An examination of the principles of genetics in eukaryotes and prokaryotes at the level of molecules, cells, and multicellular organisms, including humans. Topics include Mendelian and non-Mendelian inheritance, gene expression regulation, gene mutations, and the etiology of genetic based diseases. Students will also become familiar with concepts behind the field of bioinformatics, as well as various molecular genetics techniques including genetic engineering, genomics, gene expression analysis and nucleotide sequencing. Three hours lecture, one 3-hr. lab per week. Prerequisite: BIO 210 with a grade of 'C' or higher or CHEM 350.	F - Fall S - Spring
BIO	0308	Pathophysiology	C3	3.00		Study of the mechanisms of altered physiological states from the cellular through organ system level. Emphasis will be placed on integration and application of essential concepts of disease etiology, pathogenesis, clinical manifestations, diagnostic methods and treatment options. Three lectures per week. Prerequisite: BIO 221 or BIO 301.	F - Fall SU - Summer

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
BIO	0312	Environmental Biology	C3	3.00		This course is a study of how environmental factors interact with and impact living organisms and ecosystems. Emphasis is on global human ecology, environmental problems, sound environmental management practices and the sustainable use of natural resources. Three hours of lecture per week. Prerequisites: BIO 101 or higher or EH 107 or higher. Cross-listed as EH 312.	FO - Fall-Odd SE - Spring-Even
BIO	0316	Economic Botany	C3	3.00		Economic uses of plants in the past, present, and future. Emphasis on economic aspects of plants in medicine, agriculture, horticulture, and industry. Includes the history of plant domestication facilitated by natural selection and purposeful breeding and an overview of plant chemistry, morphology, and reproduction pertinent to economics. Three lectures per week. Prerequisites: BIO 111.	D - Demand
BIO	0322	Taxonomy of Flowering Plants	C3	4.00		Relationships among selected plant groups with emphasis on classification and descriptions of taxa, nomenclature, and concepts concerning the evolutionary sequence of various plant characters. Southwestern Missouri flora emphasized. Two lectures, two two-hour labs per week. Prerequisite: BIO 111.	SO - Spring-Odd
BIO	0331	Comparative Vertebrate Anatomy	C3	5.00		Fundamental course designed to enhance understanding and appreciation of the structure and adaptations of vertebrates. Emphasis on evolutionary adaptations and the relationship between structure and function. Two lectures, two three-hour labs per week. Prerequisite: BIO 111.	F - Fall
BIO	0332	Introduction to Entomology	C3	4.00		Collecting methods, taxonomy, life history, morphology, and evolution of insects are emphasized. Three lectures, one three-hour lab per week. Prerequisite: BIO 111.	FE - Fall-Even
BIO	0350	Techniques in Microbiology	C3	2.00		This course is designed to provide training in microbiological procedures. An emphasis will be placed on laboratory techniques that have widespread use in modern microbiology labs, including CRISPR-Cas genome editing and creation of mutant bacterial strains for use in phenotypic experiments. Additionally, this course will focus on preparing students for careers with a heavy backing in scientific procedure and literature. To this end, students will be expected to read and analyze primary scientific literature and discuss this literature in a group setting as well as write and review literature in writing. One hour of lecture, two hours of lab per week. Prerequisite: BIO 231.	SE - Spring-Even
BIO	0352	Biomes	C3	1.00	4.00	An in-depth study of a selected ecosystem. The interactions between plants and animals with their abiotic environment are studied in the classroom and during an extended field trip. The habitat chosen for study varies from year to year. Some trips require physical conditioning or specialized training. Living conditions range from primitive to reasonably comfortable dormitories. Students are required to bear the cost of the trip. Prerequisites: BIO 101 or higher and permission of the instructor.	D - Demand
BIO	0361	Parasitology	C3	4.00		Systematic investigation of the numerous parasites found in vertebrates. Emphasis on life cycles of parasites that infect humans and domestic animals. Three lectures, one three-hour lab per week. Prerequisite: BIO 111 or BIO 122.	SE - Spring-Even
BIO	0362	Virology	C3	3.00		Structure, classification, and life cycles of bacterial, animal, and plant viruses, their significance in disease (including cancer) and the use of viruses in modern biological research. Three lectures per week. Prerequisites: BIO 231.	FE - Fall-Even
BIO	0370	Environmental Health and Safety	C3	3.00		A survey of environmental health and safety issues, problems and protection measures, including public health disease prevention, injury prevention and environmental health hazard mitigation. Three lectures per week. Prerequisite: BIO 101 or higher or EH 107 or higher. A chemistry course is recommended. Cross-listed as EH 370 and HS 370.	F - Fall S - Spring SU - Summer
BIO	0371	Environmental Toxicology	C3	3.00		Is an introduction to natural and manmade toxicants and their effects on public health and the environment. Toxicological effects ranging from the molecular level to the ecological level will be discussed. Three lectures per week. Prerequisites: BIO 101 or higher or EH 107 or higher. A chemistry course is recommended. Cross listed with EH 371.	FO - Fall-Odd
BIO	0375	Disease Vector Control	C3	1.00		Identification and control of organisms that serve as reservoirs and vectors of diseases to humans. One hour of lecture per week. Prerequisites: BIO 101 or higher or EH 107 or higher. Cross-listed as EH 375.	FE - Fall-Even SO - Spring-Odd
BIO	0380	Epidemiology	C3	3.00		Introduction to the concepts, principles, and methods generally useful in the surveillance, description, analysis and investigation of disease outbreaks. Three hours of lecture per week. Prerequisites: BIO 101 or higher or EH 107 or higher. Cross-listed as EH 380 and HS 380.	F - Fall S - Spring
BIO	0389	Fundamentals of Experimental Design and Statistics	C3	3.00		Focus will be on common experimental design techniques used to perform biological research as well as how to perform and interpret commonly used parametric and nonparametric statistics. This is a lecture-based course that will use open-source statistical software and focuses primarily on the presentation and interpretation of statistical tests. Three lectures per week. Prerequisites: BIO 101 or higher biology course AND/OR EH 107 or higher environmental health and safety course with a grade of "C" or higher.	
BIO	0390	Research and Statistical Methods in Biology	C3	3.00		Develops investigational and technical skills required in biology and environmental health. Students learn introductory statistical analysis and more complex modeling techniques using R/RStudio. Students will also learn common and advanced experimental design techniques. Prerequisites: BIO 101 or BIO 102 or BIO 111 or BIO 121 or EH 107 with a grade of 'C' or higher and MATH 130 with a grade of 'C' or higher.	F - Fall
BIO	0400	Biology Capstone	C3	1.00		Designed for students who are nearing degree completion. Students will prepare for future careers or graduate programs by constructing a Curriculum Vitae (CV), gaining interview experience, exploring job/graduate opportunities, and discovering real-world competition within a chosen field of study. Students will prepare an accumulative portfolio of professional skills and knowledge of natural sciences. A departmental-level assessment of accumulative knowledge of biological sciences is included. Prerequisites: Junior Standing and Biology Major.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
BIO	0402	General Ecology	C3	4.00		Study of plant and animal communities and their interaction within the environment. Emphasis on flora and fauna of Southwest Missouri and soils, climate and other major environmental factors responsible for the distribution and association of plants and animals. Three lectures, one three-hour lab per week. Prerequisite: BIO 111 with a "C" or better and junior standing.	F - Fall
BIO	0404	Applications in Geographic Information Systems	C3	3.00		The goal of this course is to allow students to apply skills in spatial analysis to problems in social, physical, ecological, environmental health, and related areas of the social and natural sciences. Students will engage in all aspects of a GIS project with emphasis placed on employing various techniques of spatial statistics. Skills learned will range from GIS project design and data collection to the production of a written deliverable, complete with a series of digital map(s). Three lectures per week. Prerequisite: BIO/EH/GEOG 304 or content of instructor. Cross-listed as EH 404 and GEOG 404.	D - Demand
BIO	0406	Restoration Ecology	C3	3.00		Introduces the fundamental concepts of ecological restoration by focusing on the application of ecological theory to the restoration of populations, communities, and ecosystems. Prerequisites: BIO 111 and Junior standing. BIO 402/BIO 481 highly recommended.	
BIO	0412	Mammalogy	C3	4.00		The study mammals, including their classification, distribution, life histories, economic importance, techniques of field study, collection and preservation methods. Pre-requisite: BIO 111 with a grade of 'C' or higher.	SE - Spring-Even
BIO	0415	Herpetology	C3	4.00		The study of amphibians and reptiles, including their classification, distribution, life histories, comparative physiology, conservation, and economic importance. This class will also focus on techniques for field study, collection, and preservation methods. Three hours of lecture and 1 three-hour lab per week. Pre-requisite: BIO 111 with a "C" or higher.	
BIO	0420	Advanced CURE (Classroom-Based Undergraduate Research Experience)	C3	1.00	5.00	Classroom based undergraduate research experience or CURE classes provide hands on research experience to undergraduate students in a classroom setting. Faculty will lead an inquiry-based research project in specific area of expertise. Scientific design and related scientific procedures are emphasized. Class structure may vary depending on the topic. Prerequisite: Junior Standing or higher; Other prerequisites determined by the Instructor.	D - Demand
BIO	0433	Histology	C3	4.00		Detailed study of microscopic structure of animal tissues and organs with special emphasis on mammalian tissue. Three lectures, one three-hour lab per week. Prerequisite: BIO 201 or BIO 221 or BIO 331.	SE - Spring-Even
BIO	0440	Plant Pathology	C3	4.00		Historical significance of plant pathology, the physiological response of plants to abiotic factors, the anatomical, and physiological aspects of plant susceptibility to disease and examples of management systems. Includes major diseases caused by bacteria, fungi and viruses. Three lectures, one two-hour lab per week. Prerequisite: BIO 111.	D - Demand
BIO	0442	Pathogenic Bacteriology	C3	5.00		A study of the structure, identification and pathology of the infectious bacteria. Three lectures, two two-hour labs per week. Prerequisite: BIO 231.	SO - Spring-Odd
BIO	0445	Reproductive Physiology	C3	3.00		Focus is on the biological and physiological aspects of human reproduction. Anatomy, physiology, endocrinology, biochemistry, genetics, microbiology and human sexuality are brought together to provide a comprehensive view of the functioning of the human reproductive system. Three lectures per week. Pre-requisite: BIO 221 or 301.	D - Demand
BIO	0455	Laboratory Assistant Practicum	C3	1.00	2.00	Supervised practical experience in assisting undergraduate students in laboratory techniques in 100 and 200 level Biology classes. A maximum of 2 hours of credit can be applied toward the Biology degree. Prerequisite: Advanced standing and permission of instructor of class being assisted.	F - Fall S - Spring SU - Summer
BIO	0456	Immunology	C3	3.00		Cellular and molecular basis of the immune response in vertebrates including structure, induction, and regulation of the immune response. Autoimmune disorders, vaccines, transplantation, and diagnostic immunology will also be presented. Three lectures per week. Prerequisites: BIO 231.	FO - Fall-Odd
BIO	0460	Techniques in Biotechnology	C3	3.00		Course is designed to provide a more thorough training in the molecular and genetic principles and processes involved in biotechnology and laboratory science. The course will also cover important medical applications of biotechnology, including analyzing human genome data. One one-hour lecture and two, two-hour labs per week. Prerequisite: BIO 210 or 305 AND BIO 231; Junior or Senior standing.	FE - Fall-Even
BIO	0464	Advanced Cell Biology	C3	3.00		A current perspective on cell biology will be addressed by examining various aspects of cell structure and function. Emphasis will be on communication and regulation mechanisms in both normal and abnormal states. In addition, the historical aspects of cell biology research and the techniques used by researchers will be discussed. Specific topics will be chosen each semester depending on current research with the use of primary literature to illustrate important concepts. Three lectures per week. Pre-requisite: BIO 210 with a grade of 'C' or better.	S - Spring
BIO	0475	Advanced Human Dissection	C3	4.00		An advanced exploration of human anatomy designed to prepare students for professional school or specialized graduate study. The lecture provides the conceptual and organizational framework for laboratory that emphasizes cadaver dissection supplemented with anatomical software. Two one-hour lectures and two two-hour labs per week. Prerequisites: BIO 201 or BIO 331, or instructor permission. Students must qualify for enrollment through a selection process based on academic coursework and performance, professional goals, and a written statement.	F - Fall S - Spring
BIO	0481	Aquatic Ecology	C3	4.00		Analysis of components of freshwater systems, both impoundment and stream environments. Three hours lecture and one 3 hour lab per week. Prerequisites: BIO 111 with a 'C' or better and junior standing.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
BIO	0491	Internship in Biology	C3	0.00	4.00	In conference with an internship committee a semester in advance, the student shall select to work and observe in any area of applied biology in which on-the-job experience would be beneficial to the student's training. Course can be repeated for up to five credit hours but only a maximum of three hours can be used to meet biology degree requirements. Students are required to enroll in 1-4 credit hours, subject to the provisions of the internship, and in a one zero-credit hour. Additional expenses may be incurred depending on the specific requirements of each internship. Prerequisites: permission of the internship committee, department chair, and school dean; sophomore standing with at least eight hours of biology coursework strongly recommended.	F - Fall S - Spring SU - Summer
BIO	0492	Service Learning in Biology	C3	1.00	3.00	Students will complete an independent project that provides a service to the campus community, general community, or greater scientific community. Projects will be based on an identified need that includes any topic within or related to Biology, thus providing the student with additional learning opportunities. Prerequisites: Instructor and Department Chair approval; Junior Standing or Permission of the Instructor.	F - Fall S - Spring SU - Summer
BIO	0495	Roots of Science	C3	2.00	3.00	The course will explore the history and lives of scientists who made significant contributions in Biology or sciences impacting Biology. Travel to the scientists' homeland or site of their research will be included to emphasize the historical components of their lives and research. Cultural sites associated with the scientists will also be visited to emphasize society's role in their conclusions. Students will be responsible for travel expenses. Prerequisite: To be determined by department.	D - Demand
BIO	0497	Advanced Independent Research in Biology	C3	1.00	3.00	Individuals work under the supervision of a faculty member, or sponsoring institution, in order to address particular research questions. Research may be undertaken in any field of biology, with adequate preparation and the approval of the supervising instructor and department chair. Students are required to complete all applicable lab or facility safety training. Students are responsible for securing funding appropriate for the research project. Registration approval will be based on a completed research proposal. Prerequisites: Junior standing or higher. Instructor and Department Chair approval. BIO 197 as prerequisite or co-requisite.	F - Fall S - Spring SU - Summer
BIO	0498	Advanced Topics in Biology	C3	1.00	5.00	Designed to give advanced instruction in some discipline of biology not covered in other courses. Prerequisites to be determined by department.	D - Demand
BIO	0499	Advanced Independent Study in Biology	C3	1.00	5.00	Individual work, under the supervision of a faculty member, that allows students to explore various topics in Biology that are not research- or internship-based. Potential topics could include, but are not limited to, advanced study of other course topics, developing new laboratory skills, and exploring new software. Registration approval will be based on a completed course proposal. Prerequisite: Instructor and Department Chair approval.	F - Fall S - Spring SU - Summer
BIO	0545	Reproductive Physiology	C3	3.00		This course will focus on the biological and physiological aspects of human reproduction. Anatomy, physiology, endocrinology, biochemistry, genetics, microbiology and human sexuality are brought together to provide a comprehensive view of the functioning of the human reproductive system. Three one-hour lectures per week. Pre-requisite: Acceptance to graduate college. College level physiology course.	D - Demand
BIO	0598	Graduate Topics in Biology	C3	1.00	4.00	Designed to give graduate instruction in some discipline of biology as approved by the department. Prerequisites include admission into the graduate college and other as determined by department	D - Demand
CHEM	0110	Chemistry and Society	C1	3.00		For non-scientists that explores societal and technological issues involving an understanding of the important chemical principles. The course emphasizes chemical and scientific literacy as a means to better understand topics such as nutrition, sources of energy, air and water quality, electronics, plastics, bio-molecules, genetics, and medicines. Prerequisite: MATH 020 or higher or a Math ACT sub-score of 19 or higher. MOTR: CHEM 100	F - Fall S - Spring
CHEM	0121	Chemistry for Allied Health Sciences	C1	3.00		Basic principles and practical applications of general, organic, and biological chemistry. This course satisfies the requirements of certain health promotion and wellness (K100), teacher education (and allied health programs (DH00, HS01, HS05, HS06). Three 50-minute lecture periods per week. Prerequisite: MATH 030 or higher or a Math ACT score of 22 or higher. Co-requisite: CHEM 122 MOTR: CHEM 100LHP (with CHEM 122) or CHEM 100HP (without CHEM 122)	F - Fall S - Spring SU - Summer
CHEM	0122	Chemistry for Allied Health Sciences Laboratory	C1	1.00		Basic principles and practical applications of general, organic, and biological chemistry. This course satisfies the requirements of certain health promotion and wellness (K100), teacher education (and allied health programs (DH00, HS01, HS05, HS06). One three-hour laboratory period per week. Prerequisite: MATH 030 or higher or a Math ACT score of 22 or higher. Co-requisite: CHEM 121. MOTR: CHEM 100LHP (with CHEM 121)	F - Fall S - Spring SU - Summer
CHEM	0140	General Chemistry I	C1	3.00		Introduction to theories of chemistry with emphasis on the relationship of structure to properties of matter, the changes that occur during chemical reactions, and the quantitative aspects of these changes. Three lectures per week Prerequisite: "C" or better in MATH 130 or MATH 140 or MATH 150 or ACT Math score of 27 or higher. Co-requisite: CHEM 141. MOTR: CHEM 150L (with CHEM 141) or CHEM 150 (without CHEM 141).	F - Fall S - Spring SU - Summer
CHEM	0141	Gen Chemistry I Laboratory	C1	2.00		Introduction to theories of chemistry with emphasis on the relationship of structure to properties of matter, the changes that occur during chemical reactions, and the quantitative aspects of these changes One 50 minute lecture and one 2-hour lab per week. Prerequisite: "C" or better in MATH 130 or higher level math course or ACT Math score of 27 or higher. Co-requisite: CHEM 140. MOTR: CHEM 150L (with CHEM 140).	F - Fall S - Spring SU - Summer

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
CHEM	0142	General Chemistry II	C1	5.00		Continuation of CHEM 140/141. Emphasis on the dynamics and thermodynamics of chemical processes and on the properties and reactions of analogous groups of cations and anions. Four lectures, one three-hour laboratory per week. Prerequisites: A minimum grade of 'C' or higher in CHEM 140 and CHEM 141 and a minimum grade of 'C' or higher in either MATH 130 or higher-level MATH course or Math ACT score of 27 or higher.	F - Fall S - Spring SU - Summer
CHEM	0190	Laboratory in Chemistry	C1	1.00	2.00	A lower division laboratory course to be used by students who are transferring chemistry courses without a laboratory to MSSU. This will make the transferred course equivalent to the MSSU course. Class may be repeated for credit as needed.	F - Fall S - Spring SU - Summer
CHEM	0201	Analytical Chemistry	C1	5.00		This is the standard first course in quantitative chemical analysis. The lecture and laboratory include the theory and practice of methods of analysis. While the primary emphasis in this course is on the interpretation of experimental results, other aspects of the analytical process are introduced. Three lectures, two three-hour laboratories per week. Prerequisite: CHEM 142 with a grade of 'C' or better and a grade of 'C' or better in MATH 135 or higher-level math or Math ACT of 27 or higher.	F - Fall
CHEM	0210	Environmental Organic Chem	C1	4.00		Principles of organic chemistry including nomenclature, structure, and reactions will be studied by the functional group approach in an environmental context. Principles of environmental chemistry and methods used to analyze environmental samples will also be discussed. Designed for students who require a general knowledge of organic chemistry in their chosen career or as background for other courses in technical or professional training programs. Three lectures, one 2-hour lab per week. Prerequisite: CHEM 0140 with a grade of 'C' or better.	SE - Spring-Even
CHEM	0297	Introduction to Research in Chemistry	C1	1.00	3.00	Introduction to research techniques; laboratory work and literature search under the supervision of an instructor on a chemical research project. Involves laboratory experimentation as well as a written report on a project from any area of chemistry. Open to students having 1) freshman or sophomore standing, 2) the ability to undertake independent work and 3) permission of the instructor. This class may be taken more than once but only six hours or research classes can count toward graduation requirements. Enrollment must be approved by the adviser and the department head.	F - Fall S - Spring SU - Summer
CHEM	0298	Topics in Chemistry	C1	1.00	5.00	Designed to give instruction in some area of chemistry not covered in other courses. For sophomore level science majors. Prerequisite: CHEM 201 or permission of instructor.	D - Demand
CHEM	0301	Organic Chemistry I	C1	5.00		Principles of organic chemistry including nomenclature, structure, stereochemistry, and reactions will be studied by the functional group approach. A brief introduction to organic reaction mechanisms and spectroscopy will be presented. Four lectures and one three-hour laboratory per week. Prerequisite: CHEM 142 with a grade of 'C' or better.	F - Fall S - Spring
CHEM	0302	Organic Chemistry II	C1	5.00		A continuation of Chemistry 301. Primary emphasis is on more in-depth study of the properties, nomenclature, synthesis, reactions, and reaction mechanism of both aliphatic and aromatic compounds that were presented in Chemistry 301. The functional group approach is used. Organic spectroscopy is discussed in detail as related to the identification of functional groups and molecular structure. Four lectures and one three-hour laboratory per week. Prerequisite: CHEM 301 with a grade of 'C' or better.	F - Fall S - Spring
CHEM	0350	Biochemistry I	C1	3.00		Structure and function of proteins (including enzymes), carbohydrates, lipids, membranes, and nucleic acids with emphasis on both chemical and physiological aspects of these compounds. Three lectures per week. Prerequisite: CHEM 301 (Organic Chemistry I) with a grade of "C" or better.	F - Fall
CHEM	0352	Biochemistry II	C1	3.00		Metabolism of biomolecules including carbohydrates, lipids, amino acids and nucleotides. The interrelationship of these compounds in living systems will be presented through bioenergetics, reaction pathways, regulatory pathways, and chemical mechanisms. Prerequisite: CHEM 350 with a grade of "C" or better.	S - Spring
CHEM	0355	Biochemical Techniques	C1	2.00		Fundamental concepts and techniques of the biochemistry laboratory. One 50 minute lecture per week followed by one 3 hour laboratory period. Prerequisite: CHEM 350 with a grade of 'C' or better.	S - Spring
CHEM	0390	Laboratory in Chemistry	C1	1.00	2.00	An upper division laboratory course to be used by students who are transferring chemistry courses without a laboratory to MSSU. This will make the transferred course equivalent to the MSSU course. Class may be repeated for credit as needed.	D - Demand
CHEM	0400	Elementary Physical Chemistry	C1	4.00		A macroscopic approach to the understanding of chemical and physical properties of chemical systems is used. The principles of thermodynamics and chemical kinetics, and their application to aqueous solutions, will be emphasized. Solution equilibria, spectroscopy, and transport processes will also be examined. Three lectures, one three-hour laboratory per week. Prerequisites: CHEM 142 with a 'C' or better and PHYS 160 or PHYS 270 with a grade of "C" or better and MATH 150 with a grade of 'C' or better.	S - Spring
CHEM	0402	Physical Chemistry II	C1	4.00		In the first part of the course, the focus is a microscopic approach to understanding chemical systems. Quantum theory and molecular spectroscopy are emphasized. Then the microscopic approach (quantum theory) is linked to the macroscopic approach (thermodynamics) using statistical mechanics. Three lectures and one three-hour laboratory per week. Prerequisite: CHEM 400 with a grade of "C" or better and PHYS 290.	SE - Spring-Even
CHEM	0422	Advanced Inorganic Chemistry	C1	3.00		A study of contemporary state of the several bond models in chemistry. A review of the energetics of reactions and coordination theory, followed by the chemistry of the families of the elements in the periodic table. Three lectures per week. Prerequisites: CHEM 142 with a 'C' or higher and MATH 150 with a grade of 'C' or higher.	SE - Spring-Even

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
CHEM	0427	Instrumental Analysis	C1	5.00		Designed to familiarize the student with current instrumentation. The approach is through (1) lectures devoted to a particular type of instrumentation and (2) laboratories designed to give hands-on experience in the working of the instrument. Two lectures and two three-hour laboratories per week. Prerequisite: 15 hours of Chemistry with a grade of 'C' or better.	SO - Spring-Odd
CHEM	0431	Chem Lab Assistant Practicum	C1	1.00	2.00	Supervised practical experience in assisting undergraduate students in laboratory techniques in General, Analytical, or Organic Chemistry. A maximum of 2 hours of credit can be applied toward a degree in Chemistry or Biochemistry. Prerequisite: Advanced standing, successful completion of the course the student wishes to be an assistant in, and permission of instructor of class being assisted.	F - Fall S - Spring SU - Summer
CHEM	0440	Introduction to Electrochemistry	C1	3.00		This is a beginning course in electrochemistry with an emphasis on applications to battery technology. Three lectures per week. Prerequisites: CHEM 201, MATH 250.	FE - Fall-Even
CHEM	0442	Design and Modeling of Electrochemical Devices	C1	3.00		The design of electrochemical cells and the impact of designs on the over potential losses in these cells (especially batteries). Matlab modeling will be performed. Prerequisite: CHEM 142.	D - Demand
CHEM	0444	Materials and Processing Methods for Electrochemical Devices	C1	4.00		This course will provide an overview of materials aspects of advanced batteries and battery systems, focusing on electrode materials, separators and electrolytes. Material properties that influence battery performance characteristics, such as capacity, charge and discharge rates will be reviewed from both practical and theoretical perspectives. Current materials challenges that must be met to further improve battery performance will be discussed. Prerequisites: Junior level standing in Engineering Technology, Physics, or Chemistry (MSSU) or Science or Engineering (Missouri S&T).	D - Demand
CHEM	0450	Medicinal Chemistry	C1	3.00		Fundamental concepts of pharmacology including pharmacokinetics and pharmacodynamics, types of enzyme inhibitors, properties of biological membranes and mechanisms of drug action, including specific examples of commercial drugs, their mode of action and specific biochemical pathways affected by the drug. Three 50-minute lectures per week. Prerequisite CHEM 302 with a grade of 'C' or higher.	FO - Fall-Odd
CHEM	0460	Chemistry Capstone	C1	1.00		Designed for students who are nearing degree completion. Students will prepare for future careers or graduate programs by constructing a Curriculum Vitae (CV), gaining interview experience, and exploring job/graduate. A departmental-level assessment of accumulated chemistry knowledge of is included. Prerequisites: Junior standing and chemistry major.	F - Fall
CHEM	0490	Seminar	C1	1.00	3.00	For upper division chemistry majors. Content varies, depending on the student's needs, from library research to special topics in chemistry. Prerequisite: Senior standing or permission of department head.	D - Demand
CHEM	0491	Internship in Chemistry	C1	1.00	3.00	In conference with departmental representatives at least six weeks in advance, the student shall elect to work and observe in any area of applied chemistry in which on-the-job experience would be beneficial to the student's training. Prerequisites, Junior standing in Chemistry with a minimum of 20 hours of chemistry or by permission.	F - Fall S - Spring SU - Summer
CHEM	0496	Problems in Chemistry	C1	2.00		A practical research class especially designed for students seeking a Bachelor of Science in Education with a major in chemistry. The class involves laboratory work and a literature search under the supervision of an instructor on a chemical research project. Involves lab experimentation as well as a written report on a project from any area of chemistry. Open to students needing a problems course in chemistry to satisfy Missouri Certification Standards for Secondary Teachers in Chemistry. Students must have a minimum of 20 hours of chemistry and permission of the instructor. Enrollment must be approved by the adviser and the department head.	F - Fall S - Spring SU - Summer
CHEM	0497	Research in Chemistry	C1	1.00	3.00	Independent research techniques; lab work and literature search under the supervision of an instructor on a chemical research project. Involves lab experimentation as well as a written report on a project from any area of chemistry. Open to students having 1) a minimum of 20 hours of chemistry, 2) junior or senior standing, 3) the ability to undertake independent work and 4) permission of the instructor. This course may be taken more than once but only six hours of research classes can count toward graduation requirements. Enrollment must be approved by the adviser and the department head.	D - Demand
CHEM	0498	Advanced Topics in Chemistry	C1	1.00	5.00	Designed to give advanced instruction in some area of chemistry not covered in other courses. For upper division majors. Prerequisites to be determined by department.	D - Demand
CHEM	0499	Independent Study	C1	1.00	4.00	Independent investigation techniques; includes a paper on a selected topic with both a critical survey of the chemical literature and results from advanced lab experimentation. Open to students having (1) minimum of 15 hrs. of chemistry, (2) ability to undertake independent work and (3) permission of instructor. Enrollment must be approved by adviser, department head, and school dean.	F - Fall S - Spring
CHEM	0540	Intro to Electrochemistry	C1	3.00		This is a beginning course in electrochemistry with an emphasis on applications to battery technology. Three lectures per week. Prerequisites: CHEM 201, MATH 250.	D - Demand
CIS	0105	Introduction to Microcomputer Use	C2	3.00		Instruction in the fundamental use of microcomputers through packaged software and operating systems. The course provides a broad introduction to hardware, software, computer networks, online social networking, and library database searches. Major application areas are discussed, such as word processing, spreadsheets, and presentation tools.	F - Fall S - Spring
CIS	0110	Programming I	C2	3.00		Introduces programming in a personal computer-based environment. The student will learn the fundamentals of PC hardware, operating systems, and programming. Special emphasis is placed on proper program style, including modularity and structured design. The language of implementation is Visual C#. Co-requisite: Math 129 or above.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
CIS	0202	Information Systems I	C2	3.00		This course provides an overview of the broad field of information systems and technology. Explores the function of information systems and technology in modern organizations. Explores the options for graduates in the field. Introduces terms and concepts that are used throughout the field. Examines options for professional development in the field. Examines the design of information systems. Emphasizes the student's ability to clarify problem statements and define objectives with discussion of analysis of information systems using standard methodologies.	F - Fall S - Spring
CIS	0210	Programming II	C2	3.00		Continued development of the programming and problem solving skills introduced in CIS 110. Structured programming and the object-oriented paradigm are emphasized. Includes an in-depth coverage of strings, arrays, files, classes, and namespaces. Introduces Windows application programming. The language of implementation is Visual C#. Prerequisite: CIS 110 with a grade of 'C' or above.	F - Fall S - Spring
CIS	0240	Python Programming	C2	3.00		Programming and problem solving using Python. Emphasizes principles of software development, style, and testing. Topics include variables and expressions, types, branching, iteration, functions, strings, lists, and dictionaries. Three hours lecture per week. Prerequisite: Math 125 or above.	F - Fall
CIS	0298	Topics in Computer Information Science	C2	1.00	3.00	Addresses emerging topics in computer science and management information systems. Each offering will be on a subject not normally included in another course. Prerequisites may be specified in each course syllabus.	D - Demand
CIS	0308	Website Administration I	C2	3.00		Provides an introduction to the administration of a World Wide Web site. Includes Internet concepts, design strategies, graphic and multimedia construction, legal and ethical implications, dynamic HTML, and client-side programming. Prerequisite: CIS 110 with a grade of 'C' or above.	S - Spring
CIS	0310	Database Management Systems I	C2	3.00		Introduces the fundamentals of database management, relational database management systems, and programming for GUI. Database topics covered include entities, attributes, relationships, transactions, queries, and integrity rules. Server side database concepts are illustrated with MS Access. The client side user interface and business logic is implemented in Visual Basic. Prerequisite: CIS 210 with a grade of 'C' or above.	S - Spring
CIS	0315	Computer Networks	C2	3.00		Introduces the hardware and software that are integrated to form a computer network. Topics include an in-depth look at TCP/IP, data communication hardware, public networks such as the Internet, and LAN and WAN network standards. Co-requisite: CIS 110 or CIS 305 or DDET 115 or MGMT 237.	S - Spring
CIS	0325	Windows LAN Administration	C2	3.00		Provides a thorough introduction to the design, installation, and management of Microsoft Server local area networks. Network configuration, security, backup, and recovery are major topics. User rights and privileges, file and device sharing, and Web applications are also covered. Prerequisite: CIS 315 with a grade of 'C' or above.	F - Fall
CIS	0340	Website Administration II	C2	3.00		Continued development of subjects related to the administration of a World Wide Web site. Emphasizes server-side programming issues. Particularly concerned with the creation and maintenance of a commercial site. Includes syntax and practice in ASP, CSS, CGI/Perl, VBScript, JavaScript, and XML. Prerequisite: CIS 308 with a grade of 'C' or above.	F - Fall
CIS	0345	UNIX System Administration	C2	3.00		Introduces the UNIX operating system. Topics covered include basic UNIX commands, system configuration, the file system, process control, shell programming, the network file system, CGI programming, and system security. Prerequisites: CIS 210 and CIS 315 with a grade of 'C' or above.	F - Fall
CIS	0350	Data Structures	C2	3.00		Provides for the continued development of the student's knowledge of data structures and object-oriented programming. Includes an in-depth coverage of pointers, linked lists, stacks, queues, trees, and graphs. Special emphasis is placed on the coverage of algorithms that are designed to efficiently manipulate these structures and techniques for selecting the most appropriate data structures for a given application. The language of implementation is Visual Studio .NET C#. Prerequisite: CIS 210 with a grade of 'C' or above.	F - Fall
CIS	0355	Enterprise Network Administration and Security	C2	3.00		Covers essential techniques and best practices for securing an enterprise inter-network. Major topics include routing and inter-network design, firewalls, proxy servers, authentication and encryption, virtual private networks, security policy design, disaster recovery planning, hardware troubleshooting, and performance analysis. Prerequisites: CIS 315 and CIS 345 with a grade of 'C' or above. Co-requisite: CIS 325.	SE - Spring-Even
CIS	0385	App Development for Android Devices	C2	3.00		Covers basic concepts and techniques for creating mobile applications using the Java language. Topics include a Java introduction, Android operating system fundamentals, IDE fundamentals, layout design, user gesture detection, application lifecycle, animation, sound, resource files, menus, and multithreading. Prerequisite: CIS 210 with a grade of C or above.	F - Fall
CIS	0390	Introduction to Big Data Analysis	C2	3.00		A survey of the field of data science, including vocabulary, methodologies, algorithms, and best practices with respect to using large datasets. Students will develop questions, organize and format data, and create visualizations in hands-on activities using Python and Excel, plus other tools currently used by data scientists, such as Apache Spark and Cassandra. Students will also learn about the legal, ethical, and privacy ramifications of big data gathering and dissemination. Three hours lectures per week. Prerequisites: CIS 310 and CIS 240 with a grade of C or above.	F - Fall
CIS	0395	App Development for iOS Device	C2	3.00		Covers essential concepts, tools, and techniques used to develop applications for Apple iOS devices (iPhones, iPads, and iPods). Topics include the Swift programming language, the iOS SDK (Software Development Kit), and the Xcode IDE (Integrated Development Environment). The student will learn how to use Swift to design and implement mobile interfaces, how to use the SDK libraries to build applications that have the proper look and feel, and how to design and handle user input and other aspects of mobile application development. Prerequisite: CIS 210 with a grade of 'C' or above.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
CIS	0405	Cryptography & .NET Security	C2	3.00		This course provides an introduction to implementing the security and cryptography features found in the .NET platform. Students will gain a knowledge of basic cryptography theory and learn to use symmetric algorithms, asymmetric algorithms, and digital signatures. Prerequisite: CIS 210 with a grade of 'C' or above or permission of the instructor.	S - Spring
CIS	0410	Information Systems II	C2	3.00		Continued development of the ability to analyze and design computer-based information systems. Includes coverage of analysis and design methodologies, computer-aided software engineering tools, and project management techniques. Topics are illustrated with in-depth case studies. Emphasizes teamwork. Prerequisites: CIS 202 and 310 with a grade of 'C' or above.	F - Fall
CIS	0425	Database Management Systems II	C2	3.00		Includes a survey of database management theories with experience in the application of database technology. An emphasis will be placed on the relational model. Functions of database management systems, data modeling, and database systems design and implementation in a client/server environment are stressed through a capstone project requiring skills and knowledge learned from the entire CIS program. Three hours lecture per week. Prerequisite: CIS 310 and CIS 410 with a grade of "C" or above.	S - Spring
CIS	0440	Computer Forensics I	C2	3.00		Introduces the basics of computer forensics. Topics covered include backups and data recovery, hard drive imaging and forensic analysis of recovered data, data hiding and encryption techniques, reconstruction of past events, techniques used to compromise and safeguard computers, surveillance tools, analysis of data, and collection and preservation of electronic evidence. Students will be introduced to forensic techniques and available electronic tools for forensic analysis. A basic knowledge of networks and UNIX/Linux, as well as a thorough knowledge of Windows is assumed. Prerequisite: Junior standing.	D - Demand
CIS	0445	Computer Forensics II	C2	3.00		A continuation of Computer Forensics I with an emphasis on the use of the professional forensic software tools like Access Data's Forensic Tool Kit and Guidance Software's EnCase. Prerequisite: CIS 440 with a grade of 'C' or above.	D - Demand
CIS	0491	Internship in Computer Information Science	C2	1.00	3.00	A limited number of Computer Information Science students may serve an internship of 15 to 20 hours per week for up to 16 weeks. Credit hours will be arranged through the coordinator of the internship program. The intern will work for a local-cooperating firm in a production data processing environment gaining valuable experience in programming and/or systems analysis and design. The on-site work will be supervised by a professional employee of the firm and overseen by an MSSU faculty member. Prerequisites: Upper division standing, department head approval, and an overall GPA of 3.0. This course may be repeated at most one time for additional credit. Graded credit/no credit.	F - Fall S - Spring
CIS	0498	Advanced Topics in Computer Information Science	C2	1.00	3.00	Addresses emerging topics in computer science and management information systems. Each offering will be on a subject not normally included in another course. Prerequisite: May be specified in each course syllabus.	D - Demand
CIS	0499	Independent Study	C2	1.00	3.00	The adviser, with approval of the department head, structures an independent study course. Prerequisite: Upper division standing with an overall GPA of 3.0 or above. The adviser, the department head, and the dean of the school must approve registration in the course.	D - Demand
CIVX	0100	Missouri Higher Education Civics Achievement Examination	MI	0.00		Missouri mandated Civics Exam per SB 170.013 effective fall of 2019 and is required for any student entering a public institution of higher education for the first time after July 2019 who is pursuing an associate's or bachelor's degree.	
CJ	0100	Introduction to Criminal Justice	C1	3.00		Municipal, County, State, and Federal police organizations. History and administration of justice. Responsibilities and opportunities in the field of law enforcement. MOTR# CRJS 101.	F - Fall S - Spring
CJ	0115	CAPS Criminal Justice Industry Partner Experience	C1	1.00		Introduces Missouri Southern CAPS students to human service careers and the role of a human service professional. The Criminal Justice (CJ) Industry Partner Experience is a course which will help the student discern their interest in the criminal justice profession and guide them towards the right specialty. The first few weeks establishes a base of understanding specific industry standards and procedures and basic terminology related to the field. Professional skills will be introduced throughout the semester. The remainder of the semester is spent observing and working alongside professionals in a criminal justice work setting. Prerequisite: Admission to the Missouri Southern CAPS program.	
CJ	0180	Basic Law Enforcement Academy I	C1	13.00		The pre-certification training course for new law enforcement officers in Missouri, approved by P.O.S.T (Police Officers Standards and Training) office of the State Department of Public Safety. The broad range of topics include Missouri criminal law, traffic law, criminal investigations, reports, defensive tactics, firearms, legal subjects and human relations. The topics and the course are designed and required by P.O.S.T. under the general law of Missouri Revised Statutes 590-100-180. There will be additional costs associated with this course. Prerequisite: Permission of Training Director.	F - Fall S - Spring
CJ	0181	Basic Law Enforcement Academy II	C1	13.00		Continuation of CJ 0180. The pre-certification training course for new law enforcement officers in Missouri, approved by P.O.S.T (Police Officers Standards and Training) office of the State Department of Public Safety. The broad range of topics include Missouri criminal law, traffic law, criminal investigations, reports, defensive tactics, firearms, legal subjects and human relations. The topics and the course are designed and required by P.O.S.T. under the general law of Missouri Revised Statutes 590-100-180. There will be additional costs associated with this course Prerequisite: Permission of Training Director and CJ 180.	F - Fall S - Spring
CJ	0200	Crime Scene Investigation I	C1	3.00		An introduction to the basic protocol of crime scene investigation to include first response, diagramming, photography, fingerprinting, and the preservation and collection of physical evidence.	F - Fall

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CJ	0210	Criminal Procedure	C1	3.00		Designed to introduce the student to basic individual rights under the United States Constitution and to show how some of these rights come into conflict with the maintenance of public order and the enforcement of federal and state criminal laws. This course provides an overview of the criminal process, beginning with police contact and moving through the court system. After presenting the basic and underlying concepts, the course will focus on the laws of stop and frisk, arrest, search and seizure, confessions, pretrial identification, and the trial process.	S - Spring
CJ	0220	Crime Scene Photography	C1	3.00		A photography course designed to instruct the law enforcement student in the fundamentals of photography, as it relates to documentation and investigation of crime scene evidence. This course discusses traditional photography techniques in addition to the use of digital photography for law enforcement. This course involves a related lab charge.	D - Demand
CJ	0225	Patrol Procedures	C1	3.00		Covers numerous areas confronting today's law enforcement officer during tours of duty and the proper techniques and procedures used in handling each area.	D - Demand
CJ	0230	Community Policing	C1	3.00		An introduction to and analysis of theories, techniques, and programs involving police image and public response. Special attention will be paid to problems of crime prevention.	D - Demand
CJ	0250	Criminal Law	C1	3.00		Designed to provide an appreciation of the fundamental nature of the law, an overview of the general principles, and a special understanding of the historical development of the criminal law as well as its contemporary form and function in today's American society.	F - Fall
CJ	0260	Firearms I	C1	3.00		History and development of firearms. The nomenclature of the most commonly used police firearms, duties and requirements of a range master. The laws concerning firearms acquisitions, ownership, and use. Three hours lecture per week. There will be additional costs associated with this course. Additional lab time arranged.	D - Demand
CJ	0270	Police and Society	C1	3.00		An introductory course to the foundations of policing in the United States today. Emphasis is on the important roles of police in an ever-changing society.	F - Fall
CJ	0275	The Juvenile Justice System	C1	3.00		The introductory course in the area of Juvenile Justice. It is designed to provide an overview of the juvenile justice system as it operates within the criminal justice system. The course will introduce you to the historical evolution and theoretical perspectives of the juvenile justice system. It will also survey the roles of law enforcement, the courts and juvenile corrections, as well as programs, prevention and the future of the juvenile justice system.	F - Fall
CJ	0280	Professional Writing in Criminal Justice	C1	3.00		Introduces various methods and styles of report writing and professional communication in the criminal justice field together with the use of basic report forms and follow-up reports. Prerequisites: ENG 101 and ENG 102 or ENG 111.	S - Spring
CJ	0290	Police Supervision and Management	C1	3.00		Principles of personnel management as applied to law enforcement agencies: evaluation, promotion, discipline, training, employee welfare, and problem-solving leadership.	D - Demand
CJ	0298	Topics in Criminal Justice	C1	0.50	3.00	Course content varies and is designed to meet current needs and interests in the rapidly changing field of criminal justice administration. Precise topics are announced with prerequisites stipulated in the course syllabus.	D - Demand
CJ	0300	Criminal Investigation	C1	3.00		Major case investigative methods, sources of information, development of leads, methods applicable to organized crime and specific offenses. Prerequisite: LE 100.	S - Spring
CJ	0301	International Justice Systems	C1	3.00		A study of justice systems around the world, comparing them to America's justice system. The course considers the four important components of a justice system: law, police, courts and corrections. The course also examines cultural, political, religious and historical differences of the countries studied as they relate to the justice systems of each country.	S - Spring
CJ	0302	Comparative Criminal Justice Systems and Cultures	C1	2.00		Comparative Criminal Justice Systems and Cultures will focus on the criminal justice systems and cultures of selected countries as they compare to the American justice system and culture. Travel in selected countries will include visits to criminal justice agencies and facilities as well as interactions with criminal justice professionals.	D - Demand
CJ	0305	Criminal Justice Research Methods	C1	3.00		Examines the basic concepts of criminal justice. Students will learn both quantitative and qualitative research techniques necessary for systematic analysis of the criminal justice system, offender behavior, crime trends, and program effectiveness. Additionally, students will learn to critically evaluate existing research. Lastly, students will become familiar with existing sources of criminal justice data and will learn to assess the quality of that data.	S - Spring
CJ	0310	Traffic Accident Investigation and Control	C1	3.00		Theory and techniques for investigating and reducing occurrence of motor vehicle accidents. Includes collection and evaluation of physical evidence reporting. Prerequisite: CJ 280.	D - Demand
CJ	0315	Firearms II	C1	3.00		Recent mass shootings in schools, public places, and entertainment events. The laws concerning Missouri's constitutional carry and concealed carry permit. Advanced techniques in handgun and long gun skill development. Three hours lecture per week. Lab cost and additional lab time arranged. Prerequisite: CJ 260.	D - Demand
CJ	0316	Homeland Security	C1	3.00		Provides a broad overview of homeland security and homeland defense as undertaken in the United States since 9/11. Taking an interdisciplinary approach, we will examine the range of threats facing the U.S. originating from abroad as well as at home. Much of our focus will be on terrorism and how it threatens the United States. We will analyze the structure, capabilities, and functioning of the systems designed to detect, prevent, and disrupt such threats, the laws and policies that govern homeland security, and roles and responsibilities of the various intelligence and homeland security entities. We will examine offensive and defensive measures related to critical infrastructure, cyberattack, weapons of mass destruction (WMD), and others. In addition to gaining a broad, general understanding of this wide range of subjects, you will be introduced to asymmetric thinking, synthesize the growing body of literature in the discipline of homeland security, critique current practices and assumptions, and provide policy recommendations.	

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CJ	0320	Probation and Parole	C1	3.00		Study of entire system of probation and parole internationally, nationally, and locally. Prepares students for the state merit exam in probation and parole. Study of pre-sentence investigation methods, predicting parole behavior, supervisory practices, legal aspects, the use of amnesty and pardons. Prerequisite: CJ 100.	F - Fall
CJ	0330	Asset Protection	C1	3.00		Security techniques in loss prevention for retail business, industry, governmental protection, hotel and motel, hospital, school, transit systems, and utilities. Procedures and strategies to prevent and reduce the incidence of crime, fire and accident. Prerequisites: CJ 100.	D - Demand
CJ	0340	Crime Scene Investigation II	C1	3.00		Advanced methods and techniques used by investigators to identify and collect items of evidentiary value left at crime scenes. Topics to include the use of forensic light sources to locate physical evidence, bloodstain pattern analysis, casting impression evidence, fingerprint processing, and entomological evidence. Prerequisite: CJ 200 Crime Scene Investigation I or permission of the instructor.	S - Spring
CJ	0350	Fish and Game Enforcement	C1	3.00		Fish and Game Enforcement is designed to introduce the student to both state and federal laws in the area of fish and game enforcement. This course will also introduce students to basic conservation topics including but not limited to a long view of hunting sustainability. Students should be able to finish this course with a better appreciation of wildlife science and an understanding of the importance of enforcing laws to maintain a healthy population for many generations to come.	D - Demand
CJ	0365	CJ Theory and Policy	C1	3.00		Provides students with a comprehensive overview of the major tenets, assumptions, and definitions of criminological theories developed in Europe and the United States over the past three centuries. Throughout the course emphasis will be placed on the social/historical context from which these theories emerged, on the viability of each theory as an explanation of crime, assessments of tests of these arguments, the implications for public policy and criminal justice, and on the applicability of each theory to different cultures and contexts.	S - Spring
CJ	0370	International Terrorism	C1	3.00		International Terrorism examines the know facets of contemporary terrorism. Analyzes the laws and special forces/law enforcement agencies which nations within the international community have created to meet the challenge of international terrorism. Examines anticipated patterns of terrorism in the new century. Emphasis on legal and security measures designed to prevent terrorism. Prerequisites: Junior standing or permission of instructor.	F - Fall
CJ	0390	Crime Analysis	C1	3.00		A study of the patterns of crime. The course will emphasize the analysis of crime patterns and criminal behavior. The course will consider the identification of evolving or existent crime patterns and series crime, the forecasting of future crime occurrences, and the initiation of target profile analysis. Prerequisites: CJ 100.	F - Fall
CJ	0400	Homicide Investigation I	C1	3.00		Legal and criminalistic concepts and procedures for the medico-legal investigation of death due to natural, accidental, or criminal cause. Prerequisites: CJ 0100 and CJ 0200.	F - Fall
CJ	0405	Homicide Investigation II	C1	3.00		This course will primary focus on adult and child sex-related homicides. In addition, this course will examine various homicide cases using a case study analysis to better understand the investigative process involved in a homicide investigation. Prerequisites: CJ 0400 or permission.	D - Demand
CJ	0410	Juvenile Procedures	C1	3.00		Examines the evolution of the juvenile justice system as well as current practice and procedure in juvenile and family courts. Juvenile Procedures has a focus on law, jurisdiction, constitutional requirements and court rules. It also considers topics such as juvenile gangs, child abuse and neglect, child custody and status offenders. Prerequisite: CJ 0275.	D - Demand
CJ	0411	Juvenile Corrections	C1	3.00		An overview of design and legal requirements of juvenile correctional institutions, including an analysis of the Juvenile Interstate Compact Law, and the management principles of juvenile corrections institutions. Prerequisites: CJ 0275.	F - Fall
CJ	0412	Correctional Practices	C1	3.00		History of correction as it relates to correctional practices. In-depth study of the rights of incarcerated inmates as well as the powers and duties of the correctional officer.	S - Spring
CJ	0417	Serial Murderers	C1	3.00		Provides students with an in-depth understanding of theoretical explanations for the phenomenon of serial murder. The course includes a historical and contemporary examination of serial murder typologies, taking into account motives, methods, victims, personal history, and crime scene characteristics of selected serial murderers in this country and countries around the world. Special emphasis is on developing critical thinking skills that are essential to serial murder investigations.	F - Fall
CJ	0430	Family Violence	C1	3.00		Introduces the dynamics of family violence from the perspective of law enforcement. Examines the relationships between victims, offenders, and other family members. Focuses on these relationships and the challenge they pose to the criminal justice system. Prerequisites: CJ 0275.	D - Demand
CJ	0432	Ethics in Criminal Justice	C1	3.00		An introduction to the ethical and moral issues confronting criminal justice professionals. The course explores major philosophical frameworks and value systems. Focus is placed on recognition and analysis of practical moral issues and ethical dilemmas characterizing the modern criminal justice system with emphasis on the law enforcement, courts, and corrections subsystems.	S - Spring
CJ	0440	Victimology	C1	3.00		Victimology introduces the study of victimization. Examines the relationship between victims and the criminal justice system.	D - Demand
CJ	0450	Criminal Evidence	C1	3.00		Criminal Evidence is an introduction to the rules of evidence. We will look at the rules regarding topics such as admissibility of evidence, evidentiary presumptions, inferences, burden of proof, and exceptions to the hearsay rule.	D - Demand
CJ	0455	Interview and Interrogation	C1	3.00		Presents detailed information about interviewing and interrogation techniques. This course will also examine the law governing interviews and interrogations as well as certain aspects of admissibility of confessions as evidence in criminal cases. Prerequisite: CJ 210 (or LE 210).	F - Fall
CJ	0460	Cultural Diversity and Racial Disparity	C1	3.00		For students seeking cross-cultural knowledge and sensitivity in criminal justice. Students will learn practical methods for dealing with diverse cultures, ethnic groups, and those who are physically, mentally, and emotionally challenged. Prerequisite: CJ 0100.	D - Demand

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CJ	0475	Organized Crime	C1	3.00		Provides an overview of American and internationally organized crime and the legal techniques used to address the problem. Emphasis will be placed on the major groups and their principal forms of criminal activity: drugs, trafficking of human beings, money laundering and financial crimes. The emerging effort to fight organized crime internationally will be examined. Prerequisites: CJ 0100.	D - Demand
CJ	0485	Child Exploitation and Pornography Investigation	C1	3.00		Examines the legal and criminalistic concepts and procedures for the legal investigation of sexual exploitation of children and child pornography. Prerequisites: CJ 0100 or permission.	D - Demand
CJ	0487	Rape and Sexual Assault Investigation	C1	3.00		Designed to prepare the student to investigate rapes and sexual assaults. This course will focus on sexual abuse of nursing home residence, children and adults. In addition, this course will address issues concerning the collection of evidence at crime scenes, interviewing the suspects and the forensic examination of sexual assault victims. Prerequisites: CJ 0210 and CJ 0250 or permission.	D - Demand
CJ	0491	Internship in Criminal Justice	C1	4.00		Extensive practical experience with a criminal justice agency, subject to individual committee approval. Prerequisite: Junior or senior standing, CJ major, department approval, cumulative GPA 2.5, and a CJ GPA 3.2.	F - Fall S - Spring SU - Summer
CJ	0495	Capstone in Criminal Justice	C1	3.00		The culminating experience for the Bachelor of Science in Criminal Justice. This course challenges students to synthesize and integrate the knowledge and skills they have learned throughout their coursework rather than focusing on the introduction of new concepts. This will be facilitated with a review of the major systems and subsystems within the criminal justice field. Additionally, this course will prepare students to become successful job seekers through the development of employability and career success skills related to the criminal justice field.	S - Spring
CJ	0498	Advanced Topics in Criminal Justice	C1	1.00	3.00	A survey of current advances in the field. Precise topics to be announced. For upper division majors in CJAD or those who have completed the A.S. degree in law enforcement. Prerequisites: Permission of instructor.	D - Demand
CJ	0499	Independent Study in Criminal Justice	C1	1.00	3.00	Individually directed study for advanced majors in area of criminal justice selected with advisor approval. Proposal must be approved by program director and school dean. Prerequisite: 3.5 GPA in major area or permission.	F - Fall S - Spring SU - Summer
CJ	0505	Diversity in Criminal Justice	C1	3.00		This course aims to provide a critical examination of the meanings, history, correlates, and consequences of both privileges and social inequalities as they relate to the American criminal justice system. Particular focus will be given to the examination of race, ethnicity, gender, and social class.	
CJ	0517	Serial Murderers	C1	3.00		This course provides students with an in-depth understanding of theoretical explanations for the phenomenon of serial murder. The course includes a historical and contemporary examination of serial murder typologies, taking into account motives, methods, victims, personal history, and crime scene characteristics of selected serial murderers in this country and countries around the world. Special emphasis is on developing critical thinking skills that are essential to serial murder investigations. Prerequisite: Completion of 75 credit hours, cumulative GPA of 3.0, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	F - Fall
COMM	0100	Oral Communication	C2	3.00		Principles of oral communication, including speaking and listening competencies and skills. Primary emphasis is on presenting various types of speeches and improving listening ability. Research, organization, reasoning, language, and evaluation skill development are included. Three contact hrs. per week. (Required of all degree candidates.) MOTR: COMM 110	F - Fall S - Spring SU - Summer
COMM	0101	Introduction to Human Communication	C2	3.00		An introductory survey of the field of communication, exploring theoretical and research foundations. Included are discussions of language and verbal interaction and nonverbal communication. Contexts of communication are covered: interpersonal, group and organizational, public, intercultural, and mass. Also covered will be career opportunities for students who choose a major or minor in communication. MOTR: COMM 100	F - Fall S - Spring
COMM	0111	Newsriting	C2	3.00		Development of techniques in reporting and writing for a newspaper. Work on the college newspaper, The Chart, is required. Prerequisite: ENG 80, or completion or concurrent enrollment in ENG 101 or above, or permission of instructor.	F - Fall S - Spring
COMM	0200	Audio Production for Media	C2	3.00		Introduces students to the practical applications of audio production which includes principles and techniques of sound pickup and audio control, basic techniques of microphone use, console and mixer operation, recording, editing, and mixing. Projects are recorded for analysis and critique. Prerequisite: COMM 100.	S - Spring
COMM	0201	Video Production	C2	3.00		Intensive practice in preparation and production of television programs. Camera techniques, floor setups and direction of crews and talent. Interviewing techniques. Development of varied on-the-air skills. Two hours lecture, two hours lab per week.	F - Fall
COMM	0205	Active Listening and Strategic Negotiations	C2	3.00		A study of the role listening plays in our daily lives and our negotiations with others personally and professionally. Emphasis on the listening and negotiation process, types of listening and negotiation skills, response strategies, and what our listening behaviors communicate to others. Intensive practice for those who recognize the importance of genuine listening and wish to acquire proficient listening abilities to achieve the best conflict resolution through negotiation.	SE - Spring- Even
COMM	0211	Introduction to Public Relations	C2	3.00		Nature and scope of public relations and its relationship to interpersonal and interdisciplinary conduct. Basic elements of public relations including planning, special events, speeches, news releases, annual reports, financial reporting, visual and electronic media techniques. Prerequisite: COMM 111.	F - Fall S - Spring

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COMM	0215	Interpersonal Communication	C2	3.00		Designed to assist students in developing competencies and skills in relationships in various contexts such as school, career, family and friendships. The course will facilitate analysis of theories and concepts through experimental approaches that emphasize designing, expressing, interpreting and evaluating functional interpersonal communication modes which are ethically responsible. Prerequisites: COMM 100 or COMM 101.	F - Fall S - Spring
COMM	0220	Practicum in Communication	C2	1.00		This practicum class is a laboratory experience working in the University newspaper, broadcast media, or public relations. Students will participate fully in the media or public relations working under the supervision of faculty members. A minimum of five hours per week is required. One hour of credit each term for a maximum of three terms. Prerequisite: COMM 100 or COMM 101 or TH 212.	F - Fall S - Spring SU - Summer
COMM	0245	Media Career Exploration	C2	2.00		Work experience to explore various media in areas related to professional goals in communication, and as a stepping stone to a possible internship. Students will work a minimum of 8 hours a week for a newspaper, radio or TV station, or in a media capacity for a business firm, organization, or institution. Students must be approved for the program before enrolling and must apply before the end of one semester for the following semester. Students will work under the supervision of a faculty member and a person at the media company or organization. Students will present a portfolio or demonstration tape at the conclusion of the course, for evaluation of a final grade. Students may repeat the course for a maximum of 4 hours of credit, but each 2 hour course must focus on different media or have different media responsibilities. Prerequisite: Declared communications major with a minimum of 30 semester hours; approval of adviser.	F - Fall S - Spring SU - Summer
COMM	0255	Ethics in Public Relations	C2	3.00		The Ethics in Public Relations will explore issues most often encountered in public relations and corporate communications using both traditional and contemporary approaches to ethical decision making. The course will cover the processes in the public relations industries, how the campaign development process works, some of the ethical challenges facing the field and social responsibility models and their effects on the organization and organizational stakeholders. Prerequisite: COMM 100 and COMM 211.	F - Fall
COMM	0298	Topics in Communications	C2	1.00	8.00	Topics not normally included in another course. Prerequisites are determined by the department and stipulated in syllabus.	D - Demand
COMM	0300	Organizational Communication	C2	3.00		The interface between communication theory and organizational structure. Emphasis upon communication problems in organizations, strategies for overcoming such problems, and the design of effective communication systems in organizational settings. Prerequisites: COMM 101 and 215.	F - Fall
COMM	0301	Media Management	C2	3.00		Concepts for managing media organizations, including leadership, motivating employees, community involvement, legal aspects, ethics, audience targeting, policy determination, media organizational patterns, marketing, ownership influences, planning, and decision making. Prerequisite: Comm 111.	S - Spring
COMM	0302	Photocommunications I	C2	3.00		Theory and practice of communication through the medium of photography. Students deal with the application of photography to the mass media.	F - Fall
COMM	0303	Advanced Public Speaking	C2	3.00		Performance-based experiences to promote proficiency in the presentation and criticism of oratory. Emphasis on refining the art of informative and argumentative speechmaking. Prerequisite: COMM 100 or COMM 101.	S - Spring
COMM	0304	Small Group Communication	C2	3.00		Small group context of interpersonal communication emphasizing group behavior and human relations. Specific units include group problem solving, decision making, and leadership style. Prerequisites: COMM 100 or COMM 101.	F - Fall S - Spring
COMM	0305	Intercultural Communication	C2	3.00		Analysis of variables influencing communication among peoples from different cultures. Emphasis on developing interpersonal skills needed in multicultural encounters. Prerequisites: COMM 100 or COMM 101. Cross-listed as HS 305.	F - Fall S - Spring SU - Summer
COMM	0306	Persuasion	C2	3.00		Introduction to theories of persuasion and social influence. Practical application and critical analysis of persuasion concepts across contexts, including health campaigns, political campaigns, public relations, advertising, marketing, and social change. Prerequisite: COMM 0100 or COMM 0101, ENG 0101 or ENG 0111, or permission from instructor.	S - Spring
COMM	0307	Professional Interviewing	C2	3.00		Designed to prepare students for professional fields which require information-seeking and -gathering, decision-making, interaction skills and self-expression. The students will participate in a variety of simulated and actual interviewing situations as both an interviewer and interviewee. Prerequisite: COMM 100.	FO - Fall-Odd
COMM	0308	Gender Communication	C2	3.00		The pragmatics of gender-related communication refers to the study of the embedded contexts of male-female symbolic interaction. This introduction to the field of gender communication will look at interpersonal, organizational, and cultural contexts. Prerequisite: COMM 100 or COMM 101.	SO - Spring-Odd
COMM	0309	World Cinema	C2	3.00		This course introduces you to the close analysis, cultural interpretation and global diversity of film as an artistic, social and industrial medium. It will explore some of the major currents in filmmaking from around the globe through various directors and film movements.	D - Demand
COMM	0310	Communication Law	C2	3.00		Statutes, administrative regulations, and court decisions affecting freedom of information, censorship, libel, privacy, contempt of court, obscenity, legal access, copyright, advertising, and broadcasting. Rights, privileges, and obligations of the press. Prerequisite: COMM 100.	F - Fall S - Spring
COMM	0315	Argumentation and Debate	C2	3.00		The theory of the modern forms of evidence, evaluations, arguments, methods of refutation, and ethical relationships of these methods in a free society. Electronic tournament administration software is used. (Meets certification requirements for secondary education.) Prerequisite: COMM 100 or COMM 101.	FE - Fall-Even
COMM	0316	Business Journalism	C2	3.00		Application of the basic methods and tactics of a business journalist, while incorporating news value, proper spelling and grammar, and Associated Press style. Prerequisite: COMM 111, or permission of department head.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
COMM	0320	Advanced Video Production	C2	3.00		Focuses on the elements of producing and directing video programs. Students spend laboratory time learning techniques of producing programs for the University's television station. One hour lecture, four hours lab each week. Prerequisite: COMM 201.	S - Spring
COMM	0325	Broadcast News Reporting	C2	3.00		Experience in writing and reporting news for broadcast. Interview assignments, wire rewriting, and actualities. Computer laboratory experience. Prerequisite: COMM 111.	F - Fall S - Spring SU - Summer
COMM	0330	Advanced Communication Practicum	C2	1.00		The advanced practicum course is a laboratory experience working in the University newspaper, magazine, broadcast media, or public relations. Students will work for a minimum of five hours per week in positions of significant responsibilities. May be repeated for a maximum of six hours of credit. Prerequisites: COMM 220 or permission.	F - Fall S - Spring SU - Summer
COMM	0331	Advanced Newspaper Practicum	C2	2.00		Intensive lab experience with opportunities for major leadership position on the staff of the University newspaper. Students will participate fully in the publication of the newspaper working under the supervision of a faculty member. One class session plus a minimum of ten working hours per week are required. Attendance at a weekly newspaper staff meeting also is required. Two hours of credit each term for a maximum of two terms. Prerequisites: Comm 220 and COMM 330.	F - Fall S - Spring SU - Summer
COMM	0333	Media Editing and Design	C2	3.00		Introduction to visual message design. Application of multimedia design concepts across communication contexts, including public relations, advertising, marketing, and journalism. Prerequisites: COMM 0111 and COMM 0211, or permission from instructor.	S - Spring
COMM	0335	Feature Writing	C2	3.00		Finding and writing newspaper features and magazine articles, including profiles, columns, reviews, investigative pieces, travel stories, and history articles. A focus on developing and selling story ideas. Work on the University newspaper, The Chart and the alumni magazine Crossroads is required. Prerequisite: COMM 111 or consent of instructor.	FO - Fall-Odd
COMM	0340	Research Methods in Communication	C2	3.00		An introduction into the process of research in communications. Using a variety of research approaches to look at different communication artifacts, classroom focus is on the finding, nature, and evaluation of research. Research methods process is applied to popular communication artifacts.	F - Fall S - Spring
COMM	0350	Sports Writing	C2	3.00		The fundamental principles of reporting and interpreting sports, improving writing and editing skills for game coverage and feature stories, and further developing and refining those skills necessary for success in the field. Prerequisite: COMM 111.	D - Demand
COMM	0355	Case Studies Public Relations	C2	3.00		Analysis of public relations practices, including planning, communication, evaluation; management responsibilities. Prerequisite: COMM 311.	S - Spring
COMM	0360	Visual Communication: Images With Messages	C2	3.00		An examination of visual modes of communication. Topics will include the basic elements of visual messages, the relation of visual communication to language, and the place of images in everyday life. This course is a direct result of the new age in communications initiated and promoted by computer technology. Junior or Senior status or permission of instructor.	D - Demand
COMM	0365	Health Communication	C2	3.00		The field and study of health communication is vast and at times ambiguous. This course will examine the multitude and dimensions of what is health communication and provide students with the opportunity to define health communication. A review of health communication through an examination of theoretical frameworks, communication techniques and technologies that promote the health of individuals, communities, and populations will be used to provide students with a working knowledge of the importance and influence of communicating health. Additionally, this course will look at how health messages are created and how they influence us as they appear in our lives, from media as well as from relationships with others, both personal and otherwise. Prerequisite: COMM 100 Cross-listed as HS 365.	F - Fall
COMM	0380	International Media Seminar	C2	2.00		An extensive look at the world of international media through the experiences of renowned speakers and discussion leaders. Student will spend a week in Paris, France, attending seminars and conferences and meeting foreign correspondents, syndicated columnists, newspaper editors, television producers, and diplomats. Students must pay for travel and seminar expenses, with specific details available prior to enrollment.	D - Demand
COMM	0400	Advanced Organizational Communication	C2	3.00		The application of communication theory within the organizational structure is the thrust of the course. Particular attention is focused on analysis and diagnostic capabilities. Communication training and development within an organizational setting is emphasized. Prerequisite: COMM 300.	D - Demand
COMM	0401	Nonverbal Communication	C2	3.00		Covers types and effects of various nonverbal communication behaviors and develop competencies and skills based on nonverbal communication research and perspectives. Prerequisite: COMM 100 or COMM 101.	S - Spring
COMM	0402	Photocommunications II	C2	3.00		Advanced theory and practice of communication through the medium of photography. Students work on the application of photography to the mass media. The use of computer programs and visual manipulation of images is a component of the course. Persuasion, nonverbal communication, public communication, and interpersonal communication will be used to create a portfolio of journalistic photographs that offer a visual narrative to the viewer. Prerequisite: COMM 302 or consent of the instructor.	S - Spring
COMM	0410	Crisis Communication	C2	3.00		This course provides students insights regarding key concepts, theoretical perspectives, essential skills and abilities, and critical thinking and problem solving skills necessary for effective crisis communication within organizations. The course follows the crisis communication process through the stages of pre-crisis, crisis, and post-crisis. The pre-crisis stage discusses planning and environmental scanning. The crisis stage discusses communication strategies for image restoration. The post-crisis stage depicts crisis as an opportunity for organizational learning and for rebuilding or expanding public trust. The course uses a case study approach throughout. Prerequisite: COMM 211.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
COMM	0411	Political and Social Communication	C2	3.00		Critical analysis of speakers and speeches selected to present the characteristic ideas of leading social and political developments in national and international affairs; includes lecture, reading, and discussion. Prerequisites: COMM 100 and junior or senior standing.	F - Fall
COMM	0420	Mass Communications Theory	C2	3.00		Explores the various theories which have been applied to understanding the effects of the mass media. Students will learn the various paradigms which have been applied in attempting to predict media performance, reliability and impact. Prerequisite: COMM 100 plus 3 hours of communication courses.	F - Fall S - Spring
COMM	0425	Broadcast Scriptwriting	C2	3.00		Methods, style, and techniques for preparing scripts for various types of radio and television programs and announcements. Emphasis on promotion commercials, public service announcements, partially scripted and fully-scripted program formats such as public affairs programs, variety shows, game shows, the documentary, and drama. Prerequisite: COMM 111.	D - Demand
COMM	0430	Advanced Broadcast News Reporting	C2	3.00		Theory and practice of producing a regularly scheduled television newscast. Study, criticism, and evaluation of broadcast journalism. Six laboratory hours plus one staff meeting per week. Course may be repeated for a maximum of six hours. Prerequisite: COMM 325.	D - Demand
COMM	0431	Electronic Field Production	C2	3.00		Planning, designing, and executing electronic field productions. This course is designed to build aesthetic awareness and the technical skills necessary to conceive and develop an idea and communicate that idea to others. Two hours of lecture and two hours of laboratory weekly. Prerequisite: COMM 101.	F - Fall
COMM	0433	Advanced Media Editing and Design	C2	3.00		Application of the editor's role in design for print and online media with attention to design principles for complex layouts, while incorporating news value, proper spelling and grammar, and Associated Press style. Prerequisite: COMM 333 or permission of department head.	F - Fall
COMM	0450	Community Journalism	C2	3.00		Examining the nature and role of community journalism in an urbanized society is the thrust of the study. It relies heavily on the expertise of community journalism practitioners as resources of information and research. Experience with small daily and weekly newspapers will be the foundation for developing skills in community journalism. Prerequisite: COMM 111.	D - Demand
COMM	0455	Writing for Public Relations	C2	3.00		Study, analysis and practice in writing for public relations media or for public relations use by media. Includes writing news, publicity, and feature stories as well as effective letter writing, newsletters, and brochures. Prerequisite: COMM 211.	F - Fall
COMM	0460	Global Journalism	C2	3.00		Structures, processes, and functions of newspapers around the world. Encompasses such issues as the use of print media between and within nations, censorship and repression, news coverage of war, and U.S. news coverage of international affairs. Prerequisite: COMM 111.	D - Demand
COMM	0470	New Media Technology	C2	3.00		Exploration of developed and developing technologies likely to shape the future of electronic media. New uses of older technologies. Historical development, regulation, and audience effects of these technologies. Students will become aware of critical controversies and projected future developments of technology. Prerequisite: Junior standing.	F - Fall
COMM	0491	Internship in Communications	C2	1.00	8.00	Off-campus work experience in areas related to professional goals of students. For advanced majors in communications. Students must be approved for the program prior to enrolling. Application must be made during the first half of one semester for the following semester. In all internships students work under joint supervision of a faculty member and a representative of the organization providing the intern experience. Students may repeat the course to a maximum of 8 hrs. of credit. Prerequisite: Communications major with a minimum of 85 semester hrs.; approval of department head prior to enrolling. Some internships may have other specific prerequisites. Guidelines are available in the department's offices and must be followed.	F - Fall S - Spring SU - Summer
COMM	0492	Communication Issues	C2	3.00		Required of all communications majors. Synthesizes information obtained from previous coursework. Students are presented with current issues of concern from communications fields and are asked to present possible scenarios for their resolution. Prerequisite: Senior standing, plus 15 hrs. in communications.	S - Spring
COMM	0498	Advanced Topics in Communication	C2	1.00	8.00	For upper-division students. Topics to be announced each time the course is offered.	D - Demand
COMM	0499	Independent Study in Speech, Mass Communications or Public Relations	C2	1.00	3.00	Individually directed study in selected areas for advanced majors in communications. Projects require an individually tailored independent study syllabus structured by the adviser with must be approved by the department head and school dean prior to enrollment. Prerequisite: Must have completed 90 hrs. with a cumulative GPA of 3.0 and have completed 15 hrs. of communications.	F - Fall S - Spring SU - Summer
DATA	0510	Foundations of Data Analytics	C2	3.00		Designed to introduce students the analysis of organizational decision-making. The course covers data analysis, modeling and simulation of complex problems. Students will examine the impact of Big Data on organizations, data analysis, modeling and simulation of complex problems.	F - Fall
DATA	0520	Enterprise Data Management	C2	3.00		Explores how the data warehouse provides the foundation for analytics within the enterprise. Students will explore data management as an essential resource to organizational success through a deeper understanding of concepts and techniques for managing the design, development, and maintenance of all the components of enterprise information management. The course will examine the roles and responsibilities of various professionals that manage data and information in an organization.	F - Fall
DATA	0530	Programming for Data Analysis	C2	3.00		Introduces students to programming languages, such as Python and R, using various organizational applications. Students will learn fundamentals of relevant programming languages and will be exposed to cutting-edge packages and libraries to execute analytical tasks.	F - Fall
DATA	0540	Data Models and Structured Analyses	C2	3.00		Covers concepts and techniques used to analyze and report structured data. Students will learn tools and methods for understanding the data models supporting various organizational processes and for analyzing data from structured databases.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
DATA	0550	Machine Learning	C2	3.00		Covers analytical techniques and skills needed to build and evaluate machine learning models using software, such as Python. This course will help build necessary statistical, visualization and other data science skills for effective use of data science in a variety of applications. Prerequisite: DATA 530	S - Spring
DATA	0560	Multivariate Data Analysis	C2	3.00		Provides an overview of the statistical tools commonly used to process, analyze, and visualize data. Topics include simple linear regression, multiple regression, logistic regression, analysis of variance, and survival analysis. The statistical packages are used, with a focus on the interpretation of output and visualization of results. Prerequisite: DATA 530	S - Spring
DH	0101	Fundamentals of Dental Hygiene	C3	3.00		An introduction to the Dental Hygiene Process of Care with an emphasis on professionalism, infection control, and patient assessment processes. Three hours of lecture per week. Prerequisite: Acceptance into the Dental Hygiene program. Co-requisites: DH 103, DH 140, DH 150, DH 180, DH 220, and DH 225.	F - Fall
DH	0103	Fundamentals of Dental Hygiene - Lab	C3	2.00		Provides clinical application to the Dental Hygiene Process of Care. The primary emphasis is on professionalism, infection control, patient assessment processes and basic instrumentation skills. The dental hygiene student will have an opportunity to practice these techniques on mannequins and student partners in the laboratory setting. Two 3-hour labs per week. Prerequisite: Acceptance into the Dental Hygiene program. Co-requisites: DH 101, DH 140, DH 150, DH 180, DH 220 and DH 225.	F - Fall
DH	0105	Fundamentals of Instrumentation	C3	2.00		Provides clinical application of instrumentation theory and skills to provide comprehensive patient care. The dental hygiene student will have an opportunity to practice instrumentation techniques on mannequins and student partners in the laboratory setting. This course will culminate with a patient experience appointment. Two 3-hour labs per week. Prerequisites: DH 101, DH 103, DH 140, DH 150, DH 180, DH 220 and DH 225 with a grade of 'C' or higher. Co-requisites: DH 120, DH 160, DH 165, DH 310, and DH 350.	S - Spring
DH	0120	Dental Hygiene Concepts	C3	2.00		A continuation of DH 0101 with further enrichment of skills necessary to perform preventive oral health services. The course presents theory for the development of the dental hygiene diagnosis, patient care planning including implementation of dental hygiene treatment. The course emphasizes oral health promotion necessary for successful patient treatment including communication of patient needs, oral hygiene education instruction, and patient motivation. Instruction is provided toward complete patient care from medical history review, management of patients with special needs and diverse backgrounds. Theories and principles are applied in clinical laboratory setting. Two hours of lecture per week. Prerequisites: DH 101, DH 103, DH 140, DH 150, DH 180, DH 220, and DH 225 with a grade of 'C' or higher. Co-requisites: DH 105, DH 160, DH 165, DH 310, and DH 350.	S - Spring
DH	0140	Dental Morphology	C3	1.00		Detailed study of the morphology of deciduous and permanent teeth in relation to fossal cusps grooves, ridges, roots and the relationship of form and function. Occlusion and malocclusion are studied according to their relationship to dental health. A self-instructional program supplemented by one hour of lecture per week. Practical aspects of this course will be covered in DH 103. Prerequisite: Acceptance into the Dental Hygiene program. Co-requisites: DH 101, DH 103, DH 150, DH 180, DH 220, and DH 225.	F - Fall
DH	0150	Oral Histology and Embryology	C3	3.00		Study of the gross and microscopic development of the teeth, supportive structures of the teeth and embryology and anatomy of head and neck region. Three hours of lecture per week. Prerequisite: Acceptance into the Dental Hygiene program. Co-requisites: DH 101, DH 103, DH 140, DH 180, DH 220, DH 225.	F - Fall
DH	0160	Dental Radiology	C3	3.00		Theory and principles of radiation physics, radiation biology, health and safety, quality assurance and infection control protocol for dental radiography. Basic interpretation of radiographic findings, recognition, and identification of normal anatomical radiographic landmarks. Methods for exposing, mounting, and care of dental radiographs. Three hours of lecture per week. Prerequisites: DH 101, DH 103, DH 140, DH 150, DH 180, DH 220, and DH 225 with a grade of 'C' or higher. Co-requisites: DH 105, DH 120, DH 165, DH 310 and DH 350.	S - Spring
DH	0165	Dental Radiology Lab	C3	1.00		Application of the fundamentals of oral radiographic techniques utilizing radiation safety and infection control protocols in addition to basic interpretation of radiographs. Includes practical experience exposing dental radiographs, use of current patient selection criteria, electronic documentation procedures, and ancillary radiographic techniques. In addition, basic interpretation of dental radiographs will include the recognition of technique errors and the identification of normal anatomical radiographic landmarks and common abnormalities. Two hours of lab per week. Prerequisites: DH 101, DH 103, DH 140, DH 150, DH 180, DH 220 and DH 225 with a grade of 'C' or higher. Co-requisites: DH 105, DH 120, DH 160, DH 310 and DH 350.	S - Spring
DH	0180	Medical Emergencies	C3	1.00		Medical Emergencies includes instruction in the recognition, prevention and management of medical emergencies common in the dental office. One lecture hour per week. Prerequisites: Acceptance into the Dental Hygiene program. Co-requisites: DH 101, DH 103, DH 140, DH 150, DH 220, and DH 225.	F - Fall
DH	0190	Clinical Dental Hygiene I	C3	4.00		Introduction to clinical practice of dental hygiene. Experience in providing patient services through performing oral prophylaxis, periodontal assessment, exposing and processing radiographs, presenting patient education, preventive applications, and charting the oral cavity. Two 8-hour labs per week, 8 hours of lab will be used for clinical application of DH 210. Prerequisites: DH 105, DH 120, DH 160, DH 165, DH 310 and DH 350 with minimum a grade of 'C' or higher and CPR Certification Course. Co-requisite: DH 210.	SU - Summer

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
DH	0210	Pain Management	C3	2.00		Designed to prepare the dental hygiene student with the necessary theory to appropriately carry out treatment plans and successfully administer topical anesthesia, local infiltration anesthesia, block anesthesia, and/or nitrous oxide analgesia to increase patient comfort and control pain when providing dental hygiene services. This course includes both lecture and lab components. Prerequisite: DH 105, DH 120, DH 160, DH 165, DH 310, DH 350, DH 225 with a grade of 'C' or higher. Co-requisite: DH 0190.	SU - Summer
DH	0220	Dental Materials	C3	1.00		This lecture course is designed to provide information about the physical and chemical properties of biomaterials and the application and manipulation of these materials used in preventive dentistry. Lecture information will cover identification, recognition and charting of dental restorations. This will be enhanced by utilizing dental radiographs and intra-oral photographs. Prerequisite: Acceptance into the Dental Hygiene program. Co-requisites: DH 101, DH 103, DH 140, DH 150, DH 180 and DH 225.	F - Fall
DH	0225	Dental Materials Lab	C3	1.00		This course provides clinical manipulation and application of the dental materials discussed in DH 220. Students will learn to take alginate impressions, produce plaster study models and manipulate other bio-materials within the scope of preventative and restorative dentistry. Dental charting and identification of restorations will be enhanced in preparation for the clinical setting. Prerequisite: Acceptance into the Dental Hygiene program. Co-requisites: DH 101, DH 103, DH 140, DH 150, DH 180, and DH 220.	F - Fall
DH	0290	Clinical Dental Hygiene II	C3	4.00		Continuation of DH 190 with added responsibilities as skills develop. Multi-cultural experience is gained through rotations in extended campus facilities. Sixteen (16) hours of clinical lab per week (one hour per week MAY be used for content and organizational review). Prerequisites: DH 190 and DH 210 with a minimum grade of 'C' or higher. Co-requisites: DH 295, DH 300, DH 315, DH 320 and DH 340.	F - Fall
DH	0295	Seminar in Dental Hygiene I	C3	1.00		This seminar course is offered in conjunction with DH 0290, Dental Hygiene Clinic II and is part of the clinical education continuum. Students will study current literature and evaluate research. Additionally, they will gain the skills necessary for integrating the new information into his/her role as a health care provider. One hour of lecture hour per week. Prerequisites: DH 190 and DH 210 with a grade of 'C' or higher. Co-requisites: DH 290, DH 300, DH 315, DH 320, and DH 340.	F - Fall
DH	0300	Community Dental Health Education	C3	3.00		Fundamentals of teaching and learning theories. Development of teaching units and lesson plans for various public groups and/or organizations, practical experience in public schools and community groups with experience in providing dental health education to the public. This course is designed to increase student knowledge of concepts of community dentistry and dental epidemiology that is used in population based health care. Students are allowed to critically evaluate biostatistics, scientific literature, dental care delivery and mechanisms for financing dental care. Three (3) hours of lecture per week and 8 hours of field experience during the semester. Prerequisites: DH 190 and DH 210 with a grade of 'C' or higher. Co-requisites: DH 290, DH 295, DH 315, DH 320, and DH 340.	F - Fall
DH	0301	Community Dental Health Education Practicum	C3	1.00		This course will build upon the basics of DH 300 Community Dental Health Education. Students will apply theories, skills of communication and oral health education to various diverse groups. Through field assessments students will have the opportunity to participate in a variety of community dental health programs and services learning activities which require application of dental public health principles and concepts. One hour of lecture per week and approximately 25-30 hours of field work during the semester. Prerequisites: DH 290, DH 295, DH 300, DH 315, DH 320 and DH 340 with a grade of 'C' or higher. Co-requisites: DH 325, DH 390 and DH 395.	S - Spring
DH	0310	Nutrition	C3	2.00		Nutrition and diet as related to dental health, biochemistry of digestion and the utilization of nutrients. Special emphasis on dietary analysis as part of total health care and the role of the dental hygienist in providing nutritional counseling. Two hours of lecture per week. Prerequisites: DH 101, DH 103, DH 140, DH 150, DH 180, DH 220, and DH 225 with a grade of 'C' or higher. Co-requisites: DH 105, DH 120, DH 160, DH 165, and DH 350.	S - Spring
DH	0315	Ethics and Jurisprudence in Dental Hygiene	C3	1.00		Includes the study of the laws governing the practice of dentistry and dental hygiene, the ethical principles which guide professionalism, and continued development of an understanding between research and theory development. One lecture hour per week. Prerequisites: DH 0190 and DH 0210 with a grade of 'C' or higher. Co-requisites: DH 0290, DH 0295, DH 0300, DH 0320, and DH 0340.	F - Fall
DH	0320	Pharmacology	C3	2.00		Principles of drug actions and characteristics of major drug groups including sources of drugs, methods of their administration, classification, dosage, therapeutic action and drug interactions. Emphasis will be placed on drugs affecting oral health and drugs used in dentistry. Two hours of lecture per week. Prerequisites: DH 190 and DH 210 with a grade of 'C' or higher. Co-requisites: DH 290, DH 295, DH 300, DH 315, and DH 340.	F - Fall
DH	0325	Dental Practice Management	C3	1.00		Explores career planning, legal practice, practice management, and the roles and responsibilities of the dental hygienist as a member of an oral health care delivery team. One hour of lecture per week. Prerequisites: DH 290, DH 295, DH 300, DH 315, DH 320 and DH 340 with a grade of 'C' or higher. Co-requisites: DH 301, DH 390 and DH 395.	S - Spring
DH	0340	Oral Pathology	C3	3.00		Oral Pathology includes both general and oral pathology. General pathology includes an overview of basic disease processes, inflammation, immunology and wound healing. Oral pathology emphasizes recognition of oral diseases based on clinical signs and symptoms and radiographic manifestations. Treatment planning principles, based on collection of information using a variety of assessment procedures is included. Three hours of lecture per week. Prerequisites: DH 190 and DH 210 with a grade of 'C' or higher. Co-requisites: DH 290, DH 295, DH 300, DH 315, and DH 320.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
DH	0350	Periodontics	C3	2.00		Covers the supporting structures of the teeth and an overview of both the biological and clinical aspects of periodontology. Enables dental hygiene students to recognize and differentiate periodontal health from disease, formulate appropriate treatment plans, select appropriate adjunctive therapies and recognize the role of the dental hygienist as a periodontal co-therapist in antimicrobial agents, periodontal dressing, and sutures. Emphasizes the evaluation of a periodontal case study resulting in the development of a periodontal treatment plan. 2 hours lecture per week. Prerequisites: DH 101, DH 103, DH 140, DH 150, DH 180, DH 220, and DH 225 with a grade of 'C' or higher. Co-requisites: DH 105, DH 120, DH 160, DH 165, and DH 310.	F - Fall S - Spring
DH	0390	Clinical Dental Hygiene III	C3	4.00		Continuation of DH 290: Clinical experience in advanced clinical procedures and discussion of the recognized dental specialties including their relationship to preventive dentistry. Sixteen (16) hours of lab per week. Prerequisites: DH 290, DH 295, DH 300, DH 315, DH 320 and DH 340 with a grade of 'C' or higher. Co-requisites: DH 301, DH 325, and DH 395.	S - Spring
DH	0395	Senior Seminar in Dental Hygiene	C3	1.00		This seminar course serves as a means of combining information from all courses in the dental hygiene curriculum and applying content to patient cases and practice management issues. This course is also designed to assist in preparing senior dental hygiene students for the written and clinical examinations required for licensure and entry into the profession. One hour of lecture per week. Prerequisites: DH 290, DH 295, DH 300, DH 315, DH 320, and DH 0340 with a grade of 'C' or higher. Co-requisites: DH 301, DH 325, and DH 390.	S - Spring
ECON	0101	Economics of Social Issues	C2	3.00		This course will introduce students to the application of economic decision making in a discussion of current social and economic issues, focusing on today's most pressing social and economic problems from both a domestic and global viewpoint. Topics will include but not limited to the economics of education, health care, crime, drugs, inflation, poverty, urban congestion, international trade and environmental pollution. Fulfills general education requirement for Area E2. Not for Business majors. MOTR: ECON 100	F - Fall S - Spring SU - Summer
ECON	0201	Principles of Economics (Macro)	C2	3.00		A basic course that explains the organization, operation, and goals of the U.S. economic system with emphasis on basic principles and concepts; measurement, determination, and stabilization of national income; unemployment and inflation; the role of money and monetary policy; fiscal policy; economic growth; international finance; and current economic problems. Co-requisite: MATH 030 or above. MOTR: ECON 101	F - Fall S - Spring SU - Summer
ECON	0202	Principles of Economics (Micro)	C2	3.00		A continuation of economic principles with emphasis on the theory of price determination and income distribution, with particular attention to the nature and application of those bearing on decision making within a household, firm, or industry; cost and revenue implications of various product and factor market structures; and international trade and finance. Co-requisite: MATH 030 or above. MOTR: ECON 102	F - Fall S - Spring SU - Summer
ECON	0300	Money and Financial Institutions	C2	3.00		The nature, need, functions, role, creation, and destruction of money and credit; financial institutions and their functions with special emphasis on the commercial banking system and the Federal Reserve system; introduction to monetary theory and policy; and international aspects of money and monetary policy. Prerequisite: ECON 201 and 202.	S - Spring
ECON	0301	Managerial Economics	C2	3.00		The price system and resource allocation through a system of markets and prices; price and output determination in perfect and imperfect markets; resource markets; and income determination. Prerequisites: ECON 202.	D - Demand
ECON	0302	Intermediate Macroeconomics	C2	3.00		National income determination with various macroeconomic models; fiscal and monetary policy; international linkages; consumption and investment; and trade-offs between inflation and unemployment. Prerequisites: ECON 201.	S - Spring
ECON	0325	Law and Economics	C2	3.00		Introduces students to the analytical tools used by economists to understand legal systems and how laws can alter behavior to achieve efficiency or fairness objectives. Topics include legal traditions and processes, property law, contract law, tort law, criminal law. Prerequisites: ECON 201 and ECON 202.	D - Demand
ECON	0410	Introduction to Econometrics	C2	3.00		This applied course will introduce students to the methods used by economists to conduct evidence based research utilizing causal identification techniques. Students will plan and execute an independent research project. Topics include linear and non-linear regression, data diagnostics, endogeneity, simultaneous equations, and forecasting. Prerequisites: ECON 201, ECON 202, and MATH 150 or 302 and one of the following: GB 321, SOC 350, PSC 350, PSY 320, MATH 310.	D - Demand
ECON	0430	Economics of Organizations and Strategy	C2	3.00		Focuses on the application of economic theory to the inner workings of organizations and their interaction with rival firms in a business environment. Students will analyze of firm strategic behavior in competitive and noncompetitive markets using the basic concepts of economic theory. Students will also explore the firm's behavior with respect to strategic positioning and dynamics paying close attention to internal organization, personnel economics, organization structure, and strategic fit. Prerequisite: ECON 301.	D - Demand
ECON	0435	Health Economics	C2	3.00		Introduces students to analytical tools used by economists to explore health and health care issues. Topics include health care supply and demand, agency issues in health insurance markets, health care institutions and actors, health care policy, and public health issues. Prerequisites: ECON 202 (*ECON 301 recommended); and choose one: GB321, MATH 310, PSC 305, PSY 320, or SOC 305.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ECON	0442	International Economics and Finance	C2	3.00		Familiarizes students with the analytical and empirical tools used by economists to understand international economics, trade and finance. Topics will include the Ricardian, Heckscher-Ohlin and new theories of trade; tariffs and commercial policy; factor movement and regional economic integration. Foreign exchange markets and balance of payments statistics, multinational banking and Eurocurrency markets, the monetary approach to balance of payments adjustments, internal and external balance through monetary and fiscal policy, the international monetary system, the need for a national monetary system and the need for a new international economic order will also be covered. Prerequisites: ECON 301 and ECON 302.	D - Demand
ECON	0455	Environmental and Natural Resource Economics	C2	3.00		Introduces students to environmental economic theory and concepts. It provides students with the analytical techniques used in economic analysis of public policy relating to the environment and use of natural resources. Students will analyze historical and current environmental policy including issues under consideration by policy makers. Prerequisite: ECON 301.	D - Demand
ECON	0460	Labor Economics	C2	3.00		Introduces students to the analytical tools used by economists to understand the labor market. Topics include labor market equilibrium, life cycle issues, human capital, wages and pay incentives, labor mobility, employment discrimination, and unemployment. Prerequisites: ECON 301 and ECON 302.	D - Demand
ECON	0491	Internship in Economics	C2	1.00	6.00	An internship for senior Finance/ Economics students with an opportunity to observe and participate in actual business operations within the community. All internships must conform to institutional policy regarding the number of hours of work, the number of credit hours, and written agreements with the cooperating business or agency. Prerequisites: 65 hours, 3.0 GPA, and department approval. Repeatable up to six credit hours. Graded credit/no credit.	D - Demand
ECON	0498	Advanced Topics in Economics	C2	1.00	3.00	For upper-division students. Topics to be announced each time the course is offered. Examples of seminars offered in the past are: 498-Seminar in International Economics, 498-Seminar in Business Cycles, and 498-Seminar in Public Finance.	D - Demand
ECON	0499	Independent Study Economics	C2	1.00	6.00	Individually directed readings, research and discussion in selected areas of Economics for advanced majors. Scope, depth, area of concentration and credit to be arranged upon entry into course. Offered by arrangement. Prerequisites: Permission and a minimum 3.0 GPA. Repeatable up to six credit hours.	D - Demand
EDUC	0100	Introduction to Teacher Education I	C3	3.00		An introductory course designed inform students about the process of successfully establishing education as a career. Topics include: national and international educational systems, overview of educational standards, characteristics of the 21st century classroom and its students, and components of a lesson plan. This course includes an 8 hour practicum in selected local schools. A cleared FCSR background check is required. This course is required of all Teacher Education majors. Prerequisites: none.	F - Fall S - Spring
EDUC	0115	CAPS Teacher Education Industry Partner Experience	C3	1.00		Introduces Missouri Southern CAPS students to human service careers and the role of a human service professional. The Teacher Education (EDUC) Industry Partner Experience is a course which will help the student discern their interest in the teacher education profession and guide them towards the right specialty. The first few weeks establishes a base of understanding specific industry standards and procedures and basic terminology related to the field. Professional skills will be introduced throughout the semester. The remainder of the semester is spent observing and working alongside professionals in a teacher education work setting. Prerequisite: Admission to the Missouri Southern CAPS program.	
EDUC	0200	Introduction to Teacher Education II	C3	1.00		An extension of EDUC 100. Classroom experiences emphasized as well as the conditions for teaching. A 15 clock hour, field-based component is included.	D - Demand
EDUC	0280	Foundations of Education in a Global Society	C3	3.00		A foundational course designed to introduce students to the instructional aspects of teaching as a profession. There is an emphasis on current certification and professional standards requirements, globally-centered education, and instructional elements. This course includes a 30 hour practicum in selected local schools. A cleared FCSR background check is required. Prerequisites: EDUC 100, ENG 101 and ENG 102 or ENG 111.	F - Fall S - Spring
EDUC	0301	Technology in Education	C3	3.00		A study designed to explore the role of technology in education with a special emphasis on technology as a tool in teaching and learning. The course will also examine a variety of technologies as well as strategies for the integration of these technologies into instruction. Specific technologies addressed will be subject to change as technology and its application to education continue to evolve. Prerequisite: Must be taken prior to or concurrently with the Junior Block. Required of all teacher education majors.	F - Fall S - Spring
EDUC	0302	The Exceptional Child	C3	3.00		An introduction to the area of working with Exceptional Children in the P-12 learning environment and is required of all teacher education majors. The content includes the history of Special Education, legal issues, characteristics of the exceptional student, understanding the impact of an exceptional child on a family dynamic, working with families as educational partners, engaging families in the special education process, methods and techniques for instruction, resources in the community, and an exploration of assistive and adaptive technology. Prerequisite: PSY 100, take prior to Junior Block classes.	F - Fall S - Spring
EDUC	0304	The Exceptional Student	C3	3.00		Designed for 1-6 Elementary, 5-9 Middle School and K-12 Art, Music, Foreign Language, ECE, TESOL and Special Education majors. A series of awareness experiences dealing with the added complexities an exceptional child presents to K-12 regular and special education teachers. This course emphasizes methods of meeting the diverse educational needs of today's K-12 students through techniques of teaching, unit construction and daily planning. Includes characteristics of the exceptional child, resources in the community and legislation which determines school policy. Prerequisite: PSY 100; take prior to or concurrent with Junior Block classes.	D - Demand F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EDUC	0305	Family Systems for Spec Educ	C3	1.00		An introduction to the area of working with the families of exceptional children in the K-12 learning environment. The content includes understanding the impact of an exceptional child on a family dynamic, working with families as educational partners, engaging families in the special education process, linking families with school and community resources, and the development of professional collaboration skills. Prerequisite: PSY 100. May be taken concurrently with EDUC 302.	F - Fall S - Spring
EDUC	0310	Online Elementary Degree Orientation	C3	1.00		Designed to prepare students for the Online Elementary Degree Program. This course will familiarize students to the teacher education program, provide strategies for online student success, and outline expectations and responsibilities of teacher candidates. Prerequisite: Department Head approval.	
EDUC	0311	Science in the Elementary School	C3	3.00		Designed to help students (1) comprehend the basic notion of science and how children go about learning science, (2) develop materials suitable for demonstration, discovery, and inquiry lessons and (3) develop the instructional skills necessary to achieve the first two goals. Prerequisites: Courses in biological and physical sciences and completion of Junior Block.	D - Demand F - Fall S - Spring
EDUC	0312	Teaching Mathematics in the Elementary School	C3	3.00		Application of principles of learning and techniques of presentation. Techniques for diagnosis and remediation are treated as they relate to the elementary classroom. Includes a practicum at an area school. Prerequisite: MATH 119 and completion of Junior Block.	F - Fall S - Spring
EDUC	0315	Home, School, and Community in Early Childhood Education 1	C3	3.00		To acquaint the prospective teacher of young children with (1) the complex characteristics and concerns of children's families, schools and communities; (2) strategies to support, empower and link families with key community resources appropriate for specific purposes; (3) strategies to involve families and communities in their children's development, learning and school-readiness through respectful, reciprocal relationships. Lecture, field trips and service. Prerequisite: Sophomore standing or instructor permission, ENG 101 and ENG 102.	F - Fall
EDUC	0316	Home, School, And Community in Early Childhood Education 2	C3	3.00		A survey course designed to acquaint the prospective teacher of young children with the historical, philosophical, psychological, and social foundations of early childhood education; current trends and issues associated with early childhood programming; consequent role expectations of prospective teachers, and field experiences with programs for young children with diverse needs. Required 16-hour internship with infants, toddlers and preschool children. Prerequisite: Sophomore standing and completion of EDUC 315.	S - Spring
EDUC	0317	Program Management in Early Childhood Education 1	C3	4.00		A curriculum development course designed to prepare the prospective teacher of young children with a deep understanding of learning strategies, assessment and early childhood classroom methods. Curriculum design addresses academic standards, embedded assessment, effective education, diverse learners, health, nutrition, safety, program administration, environmental organization/design and technology integration for young learners and their families. Prerequisite: Junior standing, completion of EDUC 315, 316, 329, 321, 423.	S - Spring
EDUC	0318	Early Childhood Curriculum and Classroom Methods	C3	3.00		Designed to incorporate curriculum strategies and classroom methods taught in the classrooms at the Child Development Center. Fundamentals of early childhood education will be emphasized with particular interest taken in the areas of: content knowledge, play-based and inquiry-based learning, environmental design, and the health, nutrition, and safety of young children. The culminating assignment of the course is a family engagement project. Pre-service teachers will learn the importance of creating a partnership with families and engaging them in their child's learning. Prerequisites: EDUC 316, 321, 329, 423, Must be taken concurrently with EDUC 0319.	S - Spring
EDUC	0319	Practicum I in Early Childhood Education	C3	2.00		Supervised teaching of three to five-year-olds in the MSSU Child Development Center for a minimum of 64 clock hours. Candidates will design and implement the following: small group, large group, and individual learning experiences, develop appropriate materials for children's use, and practice appropriate teaching and guidance strategies for young children. Prerequisite: Junior Block and EDUC 316. Must be taken concurrently with EDUC 318.	S - Spring
EDUC	0320	Program Management in Early Childhood Education 2	C3	3.00		A survey course designed to acquaint the prospective teacher of young children with program administration and management, as well as policies, regulations and standards associated with environmental organization and design, health, nutrition and safety of young children. Prerequisite: Senior standing, completion of EDUC 315, 316 & 317. Must be taken concurrently with EDUC 415.	F - Fall
EDUC	0321	Microteaching	C3	1.00		Required part of Junior Block. Short teaching episodes are prepared, taught, and analyzed. The key learning goal is the demonstration of effective teaching skills as enumerated in the outline. Must be taken concurrently with EDUC 329 and EDUC 423.	F - Fall S - Spring
EDUC	0322	Teaching Social Studies in Elementary	C3	3.00		An introduction to the instructional materials and methods of teaching social studies in the elementary. Prerequisite: Junior Block.	F - Fall S - Spring
EDUC	0323	Building Family and Community Relationships	C3	3.00		To acquaint the teacher candidate with (1) the complex characteristics and concerns of children's families and their communities; (2) ways to support, empower, and link families with key community resources appropriate for specific purposes; (3) strategies to involve families and communities in their children's development and learning through respectful, reciprocal relationships. Lecture, field trips, and field experiences. Prerequisite: Junior standing or instructor permission.	S - Spring
EDUC	0329	Pedagogical Theory, Methods and Practices	C3	4.00		Examines the theoretical basis for the decision-making model of the teacher education program. Provides the methodological basis for making pedagogical decisions concerning lesson design, identification of differentiated instructional strategies and formative and summative assessments. Thirty-two hours of junior internship in the teacher candidate certification area of elementary, middle, and secondary school classroom provides an opportunity to refine theory into practical applications. Must be taken concurrently with EDUC 321 and EDUC 423. Tentative admission into Teacher Education is required. Prerequisite: EDUC 280.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EDUC	0331	Language Development for Exceptional Children	C3	3.00		A coordinated set of activities for a student designed to learn about the basic structures of language, normal sequence of language acquisition, and characteristics of language disabilities. Strategies suggested for both assessing and remediating language delays or disorders. Prerequisite: EDUC 302 and EDUC 305. Can be taken prior to or concurrently with Junior Block (EDUC 329, EDUC 423, EDUC 321).	F - Fall
EDUC	0332	Teaching English and Language Arts in Middle and Secondary School	C3	3.00		Provides an introduction to the instructional materials and methods of teaching English and language arts in the Middle and Secondary School. Includes a mid-level practicum of at least 13 hours. Prerequisite(s): Recommend concurrent enrollment with Junior Block. Must be taken prior to professional education semester.	F - Fall S - Spring
EDUC	0333	History, Philosophy, and Methods of Teaching Middle and Secondary Science and Technology	C3	3.00		An introduction to the instructional materials and methods of teaching science in middle and secondary school. Includes investigation of the nature and scope of scientific inquiry and inclusion of research-based practices in developing lessons for the science classroom. Topics include the logic of scientific reasoning, instructional decision-making, the nature of scientific theories, and the history of science and technology. A 13 hour field-based practicum is required. Concurrent or post enrollment in Junior Block courses. Must be taken prior to the Professional Semester.	F - Fall
EDUC	0334	Teaching Social Studies in Middle and High School	C3	3.00		A required education course which is an introduction to the instructional planning, materials, philosophy, rationale and methods of teaching Social Studies. Includes a mid-level practicum of at least 13 hours. Prerequisites(s): Recommend concurrent enrollment with Junior Block. Must be taken prior to the professional education semester.	F - Fall
EDUC	0335	Teaching Music in Secondary School	C3	2.00		An introduction to the instructional planning, materials, and methods of teaching music. Includes a mid-level practicum of at least 13 hours. Prerequisite(s): Recommend concurrent enrollment with Junior Block. Must be taken prior to professional education semester.	S - Spring
EDUC	0336	Teaching Business in Middle and Secondary School	C3	3.00		Prepares students as teachers of business and marketing education by assisting in the development of instructional methods and techniques for facilitating student-oriented learning. For business education majors only. Taught online cooperatively with Northwest Missouri State University, University of Central Missouri, and Southeast Missouri State University. Must see Business Education advisor before enrolling. Includes a mid-level practicum of at least 13 hours.	F - Fall S - Spring SU - Summer
EDUC	0339	Teaching Mathematics in Middle and Secondary School	C3	3.00		Prepares middle and secondary mathematics teachers for the decision-making model within the mathematics classroom. This course provides the methodological basis for teaching mathematics and the special challenges within the mathematics classrooms. This course will provide theory and practice that will facilitate mathematics lesson design, decisions concerning implementation of math standards using data to drive instruction, identification of differentiated instructional strategies and formative and summative assessments. Prerequisites: Recommend enrollment after Junior Block. Must be taken prior to professional education semester.	F - Fall
EDUC	0340	Language Arts	C3	2.00		A foundations course for learning about language acquisition and integrating the six language arts (reading, writing, listening, talking, viewing, and visually representing) into the K-8 curriculum through the four patterns of practice. Fundamentals of the four well-respected instructional approaches, or patterns of practice: literature focus units, literature circles, theme cycles, and reading and writing workshops, will be highlighted through meaningful, hands-on, functional activities. Prerequisites: EDUC 321, EDUC 329, EDUC 423. Co-requisite: EDUC 342.	D - Demand F - Fall S - Spring
EDUC	0342	Developmental Reading: Elementary	C3	3.00		Explore, study, and apply a variety of reading strategies that provide understanding of effective, current text-based and experience-based teaching practices; review and compile information from journals/literature which includes research, ideas, trends, methods, and experiences relevant to developmental reading; evaluate various reading approaches and programs; construct reading enrichment materials; and develop an attitude that will positively affect the self-concept of children with diverse learning styles, abilities, backgrounds, and attitudes as they learn to read. Includes practicum. Prerequisites: EDUC 321, EDUC 329, EDUC 423. Co-requisite: EDUC 340.	F - Fall S - Spring
EDUC	0343	Content Area Literacy: Elementary	C3	1.00		Expand and extend the knowledge base acquired from Introduction to Developmental Reading; explore, study, apply, and assimilate new learning about effective reading/study-skill strategies appropriate to the development and needs of the elementary-school population; design and construct enrichment materials to enhance reading in the content areas; develop knowledge on assessing elementary students' needs, plan instruction based on those needs, and select appropriate and effective reading/study-skills instruction strategies; and focus on the importance of recreational reading as a lifetime habit. Prerequisite: EDUC 340 and 342 (Must be taken concurrently with EDUC 470.)	F - Fall S - Spring SU - Summer
EDUC	0344	Teaching Speech and Theatre in Middle and Secondary School	C3	2.00		Techniques, methods, and course content used in teaching speech and theatre. Includes a mid-level practicum of at least 13 hours. Prerequisite(s): Recommend concurrent enrollment with Junior Block. Must be taken prior to professional education semester.	D - Demand S - Spring
EDUC	0345	Consortium: Teaching Foreign Language in PK-12	C3	3.00		An introduction to the instructional materials and the methodology used in the teaching of foreign languages in PK-12. Includes a mid-level practicum of at least 13 hours. Prerequisite(s): Recommend concurrent enrollment with Junior Block. Must be taken prior to professional education semester.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EDUC	0348	Transition Services	C3	3.00		A coordinated set of activities for a student designed within an outcome-oriented process that promotes movement from school to post-school activities, including post-secondary education, vocational training, integrated employment, continuing and adult education, adult services, independent living, or community participation. Study of coordinated activities, including instruction, community experiences, employment, and other post school adult living objectives. Includes development of self-advocacy skills and student-led IEP meetings. Prerequisite: EDUC 302 and EDUC 305. Can be taken concurrently with the Junior Block.	F - Fall S - Spring
EDUC	0380	Second Language Acquisition	C3	3.00		An introduction to the fundamental concepts and processes of first and second language acquisition. A systematic overview of factors that affect an individual's ability to acquire a new language both during childhood and later in life. Special emphasis is on acquiring English as a second language in instructed settings. Prerequisite: Sophomore standing.	S - Spring
EDUC	0381	Culture and Language Acquisition (Sociolinguistics) for ELL	C3	3.00		A study the role of culture in first- and second-language acquisition. The course discusses the history of diverse cultures in the United States and the role of language in cultural identity. It includes an emphasis on the application of differentiated strategies for diverse learners. The course looks at cultural interaction and social factors necessary to communicate with students and parents and focuses on creating a learning environment that is culturally sensitive and conducive to language learning.	F - Fall S - Spring SU - Summer
EDUC	0385	Assessment Strategies for English Language Learners	C3	3.00		The use of a variety of assessment methodologies to guide instruction and practice, evaluate language proficiency, and measure learner progress, especially in the context of content-based English language instruction. Prerequisites: EDUC 321, EDUC 329, and EDUC 423.	D - Demand
EDUC	0387	Linguistics and English Linguistics	C3	3.00		This course is designed to introduce the in-service and pre-service teachers to the different dimensions of grammar, and the use of these dimensions in their teaching practice to help their students develop a working knowledge of the English grammar. Prerequisite: Sophomore standing	SU - Summer
EDUC	0402	Historical and Philosophical Perspectives in Education	C3	2.00		Analysis of the historical, philosophical, political and sociological aspects of education and their impact on professional educators today. Emphasis is on the development of the American education system from the colonial period and the acquisition of educational belief systems. Prerequisite(s): Recommend concurrent enrollment with Junior Block. Must be taken prior to the professional education semester.	F - Fall S - Spring
EDUC	0403	Methods of Teaching Students with Mental Handicaps	C3	3.00		Designed to help the prospective or in-service teacher understand mental retardation and how to work effectively with students with mental retardation. Includes appropriate curriculum, individualized program development, and teaching strategies. Prerequisite: EDUC 304 & Junior Block.	D - Demand
EDUC	0404	Methods of Teaching Students with Learning Disabilities	C3	3.00		Designed for the prospective or in-service teacher of students with learning disabilities: diagnosis, evaluation, programming, instructional approaches, instructional strategies, and materials. Prerequisite: EDUC 304 and Junior Block.	D - Demand
EDUC	0405	Methods of Teaching Students with Emotional and Behavior Disorders	C3	3.00		Establishes a teaching rationale utilizing an individualized teaching strategy which enables the students with emotional and behavioral disorders to profit more fully from school experiences. Content will include Positive Behavioral Intervention and Supports (PBIS) model, behavioral Response to Intervention (RtI), the Functional Behavioral Analysis (FBA) assessment process, and an overview of Applied Behavioral Analysis (ABA). Prerequisite: EDUC 302 and 305 and Junior Block (EDUC 329, 423, 321).	D - Demand
EDUC	0407	Overcoming Math Anxiety	C3	2.00		Designed to help students overcome their personal mathematics anxiety, this course will also teach students how to stop the math anxiety cycle for their prospective elementary school students. Using a variety of intervention strategies and instruction in elementary education mathematics and mathematics education pedagogy, the course will enable students to help reduce, prevent, and eliminate fear and avoidance of mathematics in future generations of students. Prerequisite: MATH 119.	SU - Summer
EDUC	0408	Assessment and Practicum in Early Childhood	C3	4.00		An in-depth study of standardized early childhood screening instruments, informal observation techniques, and current assessment strategies will be provided along with supervised administration, scoring, and interpretation of standardized screening instruments. Course requires three hours of lecture and two clock-hours of practicum per week to practice systematic informal observation techniques and administer screening instruments, culminating in a written case study report. Prerequisites: EDUC 316, EDUC 318, and EDUC 319 or instructor permission.	F - Fall
EDUC	0410	Teaching in the Mild/Moderate: Cross-Categorical Classroom: K-12	C3	3.00		A methods course designed to give students numerous examples of curricular and instructional methodologies in the teaching of elementary and secondary students with mild disabilities in cross-categorical classrooms. Methodologies for students with learning disabilities, intellectual disabilities, autism, behavior disorders, physical disabilities, and other health impairments are discussed. Practicum hours required. Prerequisite: EDUC 302, 305 and Junior Block (EDUC 321, EDUC 329, and EDUC 423)	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EDUC	0412	Middle School and Junior High Philosophy, Organization, Curriculum and Methods	C3	2.00		Focus is on effective teaching and learning strategies for the Middle School and Junior High students. Knowledge of teaching and curricular methods suitable to students in the Middle School and Junior High school and a comprehension of the nature of the above students both developmentally and academically are highlighted. Student communication and personal development are stressed through exploratory programs and the balance of teaching and learning styles. Through inquiry, problem solving and discovery methods, the course instructor will show the importance of content knowledge and its application to decision making. The student will recognize the responsibility of the teacher to inculcate the cultural knowledge base to his/her students and the importance of interdisciplinary units of instruction to achieve that end. Designed for Education majors seeking middle school certification (Grades 5-9) and for others interested in curriculum and instruction. Prerequisite: Junior Block.	F - Fall S - Spring
EDUC	0413	Methods of Teaching Students in the Middle Grades	C3	2.00		Exploration of middle school developmentally appropriate instructional planning, materials, evaluation, and reporting of pupil progress. Student communication and personal development are stressed through exploratory programs and the balance of teaching and learning styles. Inquiry, problem solving, and discovery methods used to show the importance of content knowledge and its application to decision making. Emphasis on the importance of interdisciplinary units of instruction to acculturate students. Designed for teacher education majors seeking middle school certification (Grades 5-9) and for others interested in upper elementary grades and curriculum and instruction. A 10 clock hour practicum is included. Prerequisite: Junior Block, EDUC 412 or recommended to be taken concurrently. Must be taken prior to professional education semester.	F - Fall S - Spring
EDUC	0415	Integrated Elementary Methods Practicum	C3	3.00		Clinical field experience in an elementary classroom with pragmatic application of differentiated instructional strategies, learning activities, and assessment. Candidates will plan, teach, and assess integrated content in an authentic learning environment supervised by a cooperating teacher for this 75-hour practicum. This course is taken the semester prior to candidate teaching with concurrent enrollment in EDUC 343, EDUC 470, EDUC 312 and either EDUC 311 or 322. Prerequisites: EDUC 342, MATH 120, general education science courses and GEOL 211.	F - Fall S - Spring
EDUC	0420	Introduction to Counseling	C3	3.00		Survey course exploring the role and function of counseling, including theories, techniques, legal issues, ethical issues, diversity, and current issues and trends. Designed as an overview for the classroom teacher and the special educator for use with students and parents: Prerequisite. EDUC 302 or 304. Must be taken after to or concurrently with the Junior Block.	F - Fall S - Spring
EDUC	0422	Content Area Literacy I: Secondary/Middle School	C3	3.00		Secondary, Middle School, and K-12 education majors will explore and apply a variety of research-based and classroom-tested instructional strategies and learning activities designed to integrate a holistic approach to content area literacy (reading, writing, and conversation). Topics include content area vocabulary development; identifying content-specific reading materials; designing activities for reading, writing, and conversation scaffolding, and utilizing strategies and activities for lesson differentiation. This course can be taken concurrently with Junior Block.	D - Demand F - Fall S - Spring
EDUC	0423	Classroom and Behavior Management	C3	3.00		Teaches an understanding of individual and group motivation and behavior to create a learning environment that encourages active engagement in learning, positive social interaction, and self-motivation. Current theory will be investigated to devise strategies for a proactive approach to managing student behavior, immediate responses to classroom situations, and long-term maintenance of a positive learning environment. Course includes a 13-hour practicum. To be taken concurrently with EDUC 329 and EDUC 321.	F - Fall S - Spring
EDUC	0424	Content Area Literacy II: Secondary/Middle School Interventions	C3	3.00		This course is a continuation of EDUC 422 Content Area Literacy I. Secondary and Middle School education majors will design differentiated lessons using a variety of research-based and classroom-tested learning activities to integrate a holistic approach to content area literacy. Students will be able to analyze assessment results to identify appropriate alternate reading options, match students with appropriate texts, and identify instructional interventions for students with reading comprehension and writing deficits. Students will also design reading, writing, and conversation activities for students requiring remediation and enrichment. Prerequisite: EDUC 0422.	F - Fall
EDUC	0429	Assessment of Student Learning	C3	3.00		Designed to familiarize students with types of assessment and data analysis in educational settings. Emphasis is placed on designing effective assessment instruments, collecting, and analyzing P-12 student data to inform instructional decisions. Students will experience opportunities to apply assessment practices in simulated school environments and to collaboratively make data-driven decisions in support of P-12 student learning. Prerequisite(s): EDUC 321, EDUC 329, and EDUC 423.	F - Fall S - Spring
EDUC	0432	Critical Issues in Education	C3	2.00		Concentrates on the exploration of current school issues with special regard to the following two categories: legal and ethical aspects of teaching related to rights and responsibilities of educators, including relevant legislation and professional organization codes of ethics, as well as consultation and collaboration, including dispositions for teachers, teaching diverse students, and relationships with administration, students, parents, and the community. Includes field-based work and is part of the Student Teaching semester. Must be taken concurrently with Student Teaching during the Professional Semester.	F - Fall S - Spring
EDUC	0435	Equity, Diversity, and Inclusion in Instructional Practice	C3	3.00		Takes an instructional strategies-based approach to the lesson planning and implementation process to ensure that instruction is designed and executed to be equitable, inclusive and appropriate for diverse populations. An inclusive, differentiated lesson planning model will be utilized within the course. Equitable and inclusive classroom management practices will be examined. Pre-requisites: Completion of EDUC 329, 321, 423 with a C or better.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EDUC	0442	Student Teaching - Elementary	C3	10.00		Supervised participation on the elementary level in an assigned off-campus school site. The elementary student teaching experience requires the student teacher to demonstrate his/her ability to be an entry-level, effective decision making teacher. Arrangements for placement are to be made in the semester preceding the actual student teaching block. Prerequisites: Please see Requirements for Admission to Student Teaching.	F - Fall S - Spring
EDUC	0444	Student Teaching - Special Education	C3	10.00		Supervised teaching in a special education setting in an assigned off-campus site. Course assignments require students to demonstrate their ability to be entry-level effective decision making teachers. Arrangements for placement are to be made in the semester preceding the actual student teaching block. The student will be required to divide the experience into two equal segments - elementary and secondary. Assignment to the sites is determined by the special education practicum assignment. Prerequisites: Please see Requirements for Admission to Student Teaching.	F - Fall S - Spring
EDUC	0446	Practicum in Special Education	C3	2.00		Clinical experience in special education settings with students who have mild/moderate disabilities. This experience will occur in one of the following classroom settings: cross-categorical, learning disabled, mentally handicapped, or behavior disordered. Includes both time in special education classes and on-campus seminar sessions. Prerequisites: EDUC 304 and 3 credit hours of special education methods.	F - Fall
EDUC	0452	Student Teaching - Middle School	C3	10.00		Supervised teaching on the middle school level in an assigned off-campus school site. The middle school teaching experience requires the student teacher to demonstrate his/her ability to be an entry-level, effective decision making teacher. Arrangements for placement are to be made in the semester preceding the actual student teaching block. Prerequisites: Please see requirements for Admission to Student Teaching.	F - Fall S - Spring
EDUC	0462	Student Teaching-Secondary	C3	10.00		Supervised teaching on the secondary level in an assigned off-campus school site. The secondary school teaching experience requires the student teacher to demonstrate his/her ability to be an entry-level, effective decision making teacher. Arrangements for placements are to be made in the semester preceding the actual student teaching block. Prerequisites: Please see requirements for Admission to Student Teaching.	F - Fall S - Spring
EDUC	0464	Student Teaching -(K-12)	C3	10.00		Supervised teaching on the secondary and elementary levels in assigned off-campus school sites. The PK-12 teaching experience requires the student teacher to demonstrate his/her ability to be an entry-level, effective decision making teacher. The student will be required to divide the experience into two equal segments - elementary and secondary. Arrangements for placement are to be made in the semester preceding the actual student teaching block. Prerequisites: Please see requirements for Admission to Student Teaching.	F - Fall S - Spring
EDUC	0470	Assessments for Reading Instruction	C3	3.00		This class prepares the beginning reading teacher and the regular classroom teacher to accurately assess reading interests, strengths and weaknesses of their students. Emphasis is focused upon using assessments as the vehicle to drive developmentally appropriate instruction. Class requires administering informal literacy assessments and planning instruction based on the results of the assessments. Prerequisites: EDUC 340, Junior Block, and EDUC 342, must be taken concurrently with EDUC 343.	F - Fall S - Spring SU - Summer
EDUC	0471	Practicum in Diagnosis of Reading Difficulties	C3	3.00		Practice in administering, interpreting, and reporting diagnostic test results of reading assessments. Emphasis on developmentally appropriate instruction based on testing results. Requires working with a reading disabled student and may involve off campus travel. Prerequisites: EDUC 342 or EDUC 422, EDUC 343, EDUC 474. May be taken concurrently with EDUC 470.	D - Demand
EDUC	0474	Educational-Psychological Testing in Special Education	C3	3.00		Comprehensive study of the various psycho-educational assessment techniques for diagnosis of learning problems of exceptional children, including educational, intelligence, and psychomotor. Emphasis on translating assessment data to support the creation of and review of the individual educational plan (I.E.P.). Data is further analyzed to inform the creation of remedial programs within a tiered classroom of instruction. Prerequisites: EDUC 302 and 305, PSY 310, and Junior Block.	F - Fall
EDUC	0480	Instructional Techniques for Teaching English Language Learners	C3	3.00		Current program designs for teaching English language learners with a focus on English as a second language and sheltered immersion. Recent methodologies in language teaching, such as task-based and content-based instruction. Effective techniques for developing language skills, curriculum development, lesson planning, needs and task analysis. (May be taken concurrently with or after Junior Block).	SU - Summer
EDUC	0481	Curriculum for Teaching English Language Learners	C3	3.00		Considerations for evaluating, selecting, adapting and creating materials for the development of reading, writing, listening, and speaking skills. The use of a variety of assessment methodologies to guide instruction and practice, evaluate language proficiency, and measure learner progress, especially in the context of content-based English language instruction. Prerequisites: EDUC 321, EDUC 329, and EDUC 423.	F - Fall
EDUC	0482	Practicum for Teaching English Language Learners	C3	3.00		The application of TESOL coursework supervised by the TESOL faculty. Training in the sheltered instruction observation protocol (SIOP) with particular attention given to implementing language objectives. Supervised practical classroom experience. Prerequisites: EDUC 380, EDUC 381, EDUC 480, and EDUC 481, and Junior Block.	D - Demand F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EDUC	0483	Comparative Education and Cultures	C3	2.00		One credit hour of course work will be completed on campus prior to and following the field experience. Class lectures will focus on the culture and educational systems of designated countries as they relate to the development of the American education system and current educational trends in the various applicable cultures. One additional credit hour of the course will be gained from the field experience component. Travel in cultures studied will include visits in schools with interviews arranged to meet the certification profile of class participants.	D - Demand
EDUC	0484	Seminar in Science Education	C3	1.00	2.00	This course is designed to explore science and science education related to topics not currently in the required teacher education curriculum. Offerings will vary by term to meet the needs of students and availability of faculty. Prerequisite: Completion of Junior Block and permission of instructor.	D - Demand
EDUC	0498	Seminar in Problems of Education	C3	1.00	3.00	A weekly seminar for upper division majors. Credit hours determined by the department each semester. Covers specialized knowledge and/or current research in the discipline. Topics vary by semester and situation. Prerequisites: Advanced standing and consent of department head.	D - Demand
EDUC	0499	Independent Study	C3	1.00	4.00	Structured by the adviser with approval of department head. Prerequisites: Advanced standing in the major field and approval of adviser and department head.	D - Demand
EDUC	0580	Instructional Techniques for Teaching English Language Learners	C3	3.00		Current program designs for teaching English language learners with a focus on English as a second language and sheltered immersion. Recent methodologies in language teaching, such as task-based and content-based instruction. Effective techniques for developing language skills, curriculum development, lesson planning, needs and task analysis. M.S.Ed., TESOL students will be required to complete additional course projects to meet the rigor required for graduate level work. The projects may include individual and/or class case studies, school and/or district ESL planning, assessments for state or federal projects as well as professional development for their respective building or school district. Course projects will be aligned with course objectives and state competencies for TESOL. Projects will be determined by the course instructor with approval by the graduate school. The project outline will be submitted and approved according to state standards and indicators matrix. The project will be threaded throughout the M.S.Ed., TESOL content. All projects will be supervised by the appropriate specialist. (Pre-requisite: Graduate Office approval).	F - Fall S - Spring
EDUC	0581	Advanced Culture and Language Acquisition (Sociolinguistics) for ELL	C3	3.00		A study the role of culture in first- and second-language acquisition. The course discusses the history of diverse cultures in the United States and the role of language in cultural identity. It includes an emphasis on the application of differentiated strategies for diverse learners. The course looks at cultural interaction and social factors necessary to communicate with students and parents and focuses on creating a learning environment that is culturally sensitive and conducive to language learning. Graduate students will be required to complete additional course projects to meet the rigor required for graduate level work. The projects may include individual and/or class case studies, school and/or district ESL planning, assessments for state or federal projects as well as professional development for their respective building or school district. Course projects will be aligned with course objectives and state competencies for ESL. Projects will be determined by the course instructor with approval by the graduate council. The project outline will be submitted and approved according to state standards and indicators matrix. The project will be threaded throughout the M.S.Ed., ELL content. All projects will be supervised by the appropriate specialist. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program, the MSSU Masters of Arts in Teaching Program, or as a participant in the Missouri Temporary Authorization Certificate program.	F - Fall S - Spring SU - Summer
EDUC	0582	Practicum for Teaching English Language Learners	C3	3.00		The application of TESOL coursework supervised by the TESOL faculty. Training in the sheltered instruction observation protocol (SIOP) with particular attention given to implementing language objectives. M.S.Ed., TESOL students will be required to complete additional course projects to meet the rigor required for graduate level work. The projects may include individual and/or class case studies, school and/or district ESL planning, assessments for state or federal projects as well as professional development for their respective building or school district. Course projects will be aligned with course objectives and state competencies for TESOL. Projects will be determined by the course instructor with approval by the graduate school. The project outline will be submitted and approved according to state standards and indicators matrix. The project will be threaded throughout the M.S.Ed., TESOL content. All projects will be supervised by the appropriate specialist. (Prerequisite: Graduate Office approval).	F - Fall S - Spring
EDUC	0583	Second Language Acquisition	C3	3.00		An introduction to the fundamental concepts and processes of first and second language acquisition. A systematic overview of factors that affect an individual's ability to acquire a new language both during childhood and later in life. Special emphasis on acquiring English as a second language in instructed settings. M.S.Ed., TESOL students will be required to complete additional course projects to meet the rigor required for graduate level work. The projects may include individual and/or class case studies, school and/or district ESL planning, assessments for state or federal projects as well as professional development for their respective building or school district. Course projects will be aligned with course objectives and state competencies for TESOL. Projects will be determined by the course instructor with approval by the graduate school. The project outline will be submitted and approved according to state standards and indicators matrix. The project will be threaded throughout the M.S.Ed., TESOL content. All projects will be supervised by the appropriate specialist. (Pre-requisite: Graduate Office approval).	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EDUC	0584	Advanced Curriculum Development in English Language Learners	C3	3.00		Considerations for evaluating, selecting, and adapting materials for the development of reading, writing, listening, and speaking skills. M.S.Ed., ELL students will be required to complete additional course projects to meet the rigor required for graduate level work. The projects may include individual and/or class case studies, school and/or district ESL planning, assessments for state or federal projects as well as professional development for their respective building or school district. Course projects will be aligned with course objectives and state competencies for TESOL. Projects will be determined by the course instructor with approval by the graduate school. The project outline will be submitted and approved according to state standards and indicators matrix. The project will be threaded throughout the M.S.Ed., ELL content. All projects will be supervised by the appropriate specialist. (Pre-requisite: Graduate Department approval)	F - Fall S - Spring
EDUC	0585	Advanced Assessment Strategies in English Language Learners	C3	3.00		The use of a variety of assessment methodologies to guide instruction and practice, evaluate language proficiency, and measure learner progress, especially in the context of content-based English language instruction. M.S.Ed., ELL students will be required to complete additional course projects to meet the rigor required for graduate level work. The projects may include individual and/or class case studies, school and/or district ELL planning, assessments for state or federal projects as well as professional development for their respective building or school district. Course projects will be aligned with course objectives and state competencies for ELL. Projects will be determined by the course instructor with approval by the graduate school. The project outline will be submitted and approved according to state standards and indicators matrix. The project will be threaded throughout the M.S.Ed., ELL content. All projects will be supervised by the appropriate specialist. (Pre-requisite: Graduate Department approval)	F - Fall S - Spring SU - Summer
EDUC	0587	Linguistics and English Linguistics	C3	3.00		A systematic overview of the elements of the English language. Focus on grammatical analysis and the approaches to English grammar that are particularly relevant for language educators. Linguistic analysis of academic tasks for making sound pedagogical decisions and scaffolding instruction. M.S.Ed., TESOL students will be required to complete additional course projects to meet the rigor required for graduate level work. The projects may include individual and/or class case studies, school and/or district ESL planning, assessments for state or federal projects as well as professional development for their respective building or school district. Course projects will be aligned with course objectives and state competencies for TESOL. Projects will be determined by the course instructor with approval by the graduate school. The project outline will be submitted and approved according to state standards and indicators matrix. The project will be threaded throughout the M.S.Ed., TESOL content. All projects will be supervised by the appropriate specialist. (Pre-requisite: Graduate Office approval).	F - Fall S - Spring
EDUC	0598	Special Topics in Education	C3	1.00	6.00	Designed to meet the in-service needs of school districts in advanced study on selected topics or emerging issues in education. The course may be repeated for credit. No Course Charge. Prerequisite: Approval by advisor.	
EDUC	0599	Independent Study	C3	1.00	6.00	Structured by the adviser with approval of department head. Prerequisites: Advanced standing in the major field and approval of adviser and department head.	
EDUC	0601	Current Issues	C3	3.00		This course is designed to help educators become more aware of current issues and topics related to education. Topics will be studied within both historical and current contexts. The goal is to provide educators strategies to succeed in their teaching environments. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program and advisor approval.	D - Demand F - Fall S - Spring
EDUC	0602	Introduction to High Incidence Exceptional Learners	C3	3.00		An introduction to the area of working with Exceptional Children with high incidence disabilities in the P-12 learning environment. The content includes the history of Special Education, legal issues, characteristics of the exceptional student with high incidence disabilities, methods and techniques for instruction, resources in the community, and an exploration of assistive and adaptive technology. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program, the MSSU Masters of Arts in Teaching Program, or as a participant in the Missouri Temporary Authorization Certificate program.	D - Demand SU - Summer
EDUC	0603	Foundations of School Administration	C3	3.00		This course develops a basic foundation for the student preparing for a leadership role in a school system. The student will study the attitudes, practices, and skills necessary to become an effective school leader. This course explores the history, basic theories, and major areas of responsibility in school leadership. Student must be fully admitted to the M.S.Ed., Administration program and/or have advisor permission to enroll.	D - Demand
EDUC	0604	Introduction to Counseling	C3	3.00		An introduction and overview of the counseling profession. Topics include: counseling theories and techniques, how counseling services are provided, legal and ethical issues in the counseling profession, the roles and responsibilities of counselors in P-12 schools, and the roles and responsibilities of mental health counselors. Prerequisite: Approval by advisor.	SU - Summer
EDUC	0605	Educational Technology	C3	3.00		This course is designed to provide an overview of various technologies designed to promote student learning. The goal is to provide information on how to use technology in areas such as differentiation, assessment, and student and teacher productivity. Prerequisites: Acceptance to a MSSU Masters of Science in Education program and/or advisor approval.	D - Demand F - Fall S - Spring
EDUC	0606	Visionary Leadership in K12 School Administration	C3	3.00		Develops a basic foundation for a leadership role in a K12 school system with particular emphasis placed on developing, implementing, maintaining, and updating a school mission and vision statement. This course introduces the importance of school vision and mission statements; including how they connect with district vision and mission statements. Ten hours of internship are built into the course including mandatory required activities under the guidance of a qualified local area Cooperating Administrator. Prerequisite: Approval by advisor.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EDUC	0607	Leadership Capstone	C3	3.00		This is the culminating course in the Educational Administration master's degree program. This course explores and bridges the gap between knowledge and application in the areas of: Visionary Leadership, Instructional Leadership, Managerial Leadership, Relational Leadership, and Innovative Leadership. Prerequisites: Acceptance to an MSSU Master's program in Teacher Education, and/or advisor approval.	D - Demand
EDUC	0608	School Supervision and Managerial Leadership in K12 School Administration	C3	3.00		Introduces students to operating and managing school systems, overseeing personnel, and ensuring equitable and strategic use of fiscal and non-fiscal resources. This course focuses on the role of supervision as it pertains to the improvement of instruction and management of time, personnel, resources. Forty hours of internship are built into the course, including mandatory required activities under the guidance of a qualified local area Cooperating Administrator. Prerequisite: Approval by advisor.	F - Fall
EDUC	0610	Multiculturalism in Education	C3	3.00		This course is designed to provide strategies for creating an inclusive classroom environment. The goal is to provide information about effective methods of inclusion and instruction for all students including those who have diversity of ability, culture, language, race, ethnicity, religion, gender, sexual orientation, or family constellation. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program and advisor approval.	D - Demand F - Fall S - Spring
EDUC	0615	Classroom and Behavioral Management	C3	3.00		Designed to provide teachers an opportunity to assess their classroom management style with a focus on improving performance. The goal is to explore common classroom management issues and provide information on multiple management strategies. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program, the MSSU Masters of Arts in Teaching Program, or as a participant in the Missouri Temporary Authorization Certificate program.	D - Demand F - Fall S - Spring
EDUC	0620	Advanced Learning Theories	C3	3.00		This course is designed to inform students about the major theorists who have contributed to the study of learning. The goals are to examine how contemporary learning theories evolved from historical perspectives and to identify a personal philosophy of teaching and learning. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program and advisor approval.	D - Demand F - Fall S - Spring
EDUC	0622	Content Area Literacy	C3	3.00		Students will explore and apply a variety of research-based and classroom-tested instructional strategies and learning activities designed to integrate a holistic approach to content area literacy (reading, writing, and conversation). Topics include content area vocabulary development; identifying content-specific reading materials; designing activities for reading, writing, and conversation scaffolding, and utilizing strategies and activities for lesson differentiation. This course is required for students in the Master of Arts in Teaching program and can be taken as an elective by students in the Master of Science in Curriculum and Instruction program.	SU - Summer
EDUC	0623	Ethics & Policy in School Leadership	C3	3.00		This course explores the statutory and regulatory requirements as well as the ethical implications of policy initiatives inherent in the effective operation of a school. Students must be fully admitted to the M.S.Ed., Administration program and/or have advisor permission to enroll.	D - Demand SU - Summer
EDUC	0624	Innovative Practices in K12 School Administration	C3	3.00		Focuses on the importance of leading by adapting and responding to change. The course will challenge candidates to pursue continuous professional growth and prepare candidates to lead staff to professional growth using novel approaches. Finally, this course centers on using new knowledge and understanding to drive appropriate change that supports all students in their learning. Twenty hours of internship are built into the course, including mandatory required activities under the guidance of a qualified local area Cooperating Administrator. Prerequisite: Approval by advisor.	SU - Summer
EDUC	0625	Advanced Content Area Literacy/Reading Interventions	C3	3.00		Designed to provide an overview of the key factors influencing student literacy including motivation and meta-cognitive awareness. Students will practice strategies for integrating reading, writing, speaking and listening into all content area classrooms. Students will utilize scaffolding tools to make content area reading more manageable and meaningful including before, during, and after reading-reading strategies; vocabulary development; content-specific reading approaches; and text-based analysis. Students will also be able to identify and describe specific challenges related to reading, identify appropriate alternate reading options and instructional interventions for students with reading deficits, and apply practices for assessing reader comprehension and using data to match students with appropriate texts. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program, the MSSU Masters of Arts in Teaching Program, or acceptance as a participant in the Missouri Temporary Authorization Certificate program.	D - Demand F - Fall S - Spring
EDUC	0626	Relational Leadership in K12 School Administration	C3	3.00		A study of administrative philosophies, methods, and techniques as relate to the goals and objectives of a K12 school setting. Particular emphasis is placed on leadership responsibilities related to initiating and cultivating two-way communication and relationships with families and communities. Students will also learn how to engage families, community, and school personnel in strengthening student learning in schools. This course will prepare students to build and sustain strong partnerships with families and the community (including the public and private sector) to promote student learning and development. Fifty hours of internship are built into the course, including mandatory required activities under the guidance of a qualified local area Cooperating Administrator. Prerequisite: Approval by advisor.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EDUC	0627	School Supervision	C3	3.00		This course introduces educators to the theories, knowledge, skills, and techniques of supervision as applied to the instructional setting and focuses on the role of supervision in the improvement of instruction. The course is two parts, one focusing on the role of the teacher as practitioner in mentoring pre-service and beginning teachers, while the second focuses on the role of the principal/administrator in a supervisory and evaluative capacity. The evaluative process as it relates to supervision is also discussed. Several approaches to supervision, including the developmental and clinical models, will also be presented. Learning methodology will emphasize both individual and collaborative group activities and will include case study analysis, discussion, and classroom presentations. Students must be fully admitted to the M.S.Ed., Administration program and/or have advisor permission to enroll.	D - Demand
EDUC	0630	Assessment of Student Learning	C3	3.00		An overview of the current research, theory, and practice related to assessment and student learning. The goal is to assist students in seeing the relationship between research and practice and to provide a framework to use when making decisions about assessment methods and instructional strategies. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program, the MSSU Masters of Arts in Teaching Program, the MSSU Masters of Education Administration, or as a participant in the Missouri Temporary Authorization Certificate program.	D - Demand F - Fall S - Spring
EDUC	0631	Instructional Leadership in K12 School Administration	C3	3.00		Introduces students to best instructional practices in curriculum, instruction, and assessment. Students will be introduced to learning theory, effective pedagogy, and K12 data analysis. Fifty hours of internship are built into the course, including mandatory required activities under the guidance of a qualified local area Cooperating Administrator. Prerequisite: Approval by advisor.	F - Fall
EDUC	0632	Critical Issues	C3	1.00		Concentrates on the exploration of current school issues with special regard to the following two categories: legal and ethical aspects of teaching related to rights and responsibilities of educators, including relevant legislation and professional organization codes of ethics, as well as consultation and collaboration, including dispositions for teachers, teaching diverse students, and relationships with administration, students, parents, and the community. This course includes field-based work and is part of the Student Teaching semester. Must be taken concurrently with Student Teaching during the Professional Semester.	F - Fall S - Spring
EDUC	0633	Administration Leadership	C3	3.00		The course prepares educational leaders for their roles in managing certified and classified personnel to effectively achieve the objectives of educational programs K-12. It is designed as course for the study of enhancing professional performance through effective staff development and performance enhancement efforts. The course provides a broad overview of advanced elements of supervision including national teaching standards, adult learning theory, effective staff development and use of data to inform professional development efforts. Building level fiscal responsibilities are included with emphasis on budgeting. Students will demonstrate the ability to collaborate professionally with staff to enhance performance and promote successful teaching and learning. Prerequisites: Acceptance to the MSSU Teacher Education Graduate Program and/or advisor approval.	D - Demand
EDUC	0634	Law, Ethics, and Policy in K12 School Administration	C3	3.00		Explores the laws and policies of K12 schools and the ethical implications of policy initiatives inherent in the effective operation of a school. The course provides information about how federal and state law drive K12 policy and funding and common legal issues that arise. Thirty hours of internship are built into the course, including mandatory required activities under the guidance of a qualified local area Cooperating Administrator. Prerequisite: Approval by advisor.	S - Spring
EDUC	0635	School Law	C3	3.00		This course is a survey of the laws and policies that govern P-12 education and their theoretical foundations. The goal is to provide information about how federal and state law drives P-12 policy and funding and the common legal issues that arise. Prerequisites: Acceptance to a MSSU Masters of Science in Education program and/or advisor approval.	D - Demand
EDUC	0640	Curriculum Construction	C3	3.00		Designed to provide information related to current P-12 curriculum development and to provide teachers an opportunity to assess their teaching styles and strategies with a focus on improving performance and becoming an instructional leader. The goal is for students to apply information from prior courses (technology, inclusion, differentiation, assessment, and learning theory) and current state and federal standards to construct relevant curriculum for a specific grade or content area. Students will integrate multiple data sources and information from prior courses (technology, inclusion, differentiation, assessment, and learning theory) in improvement plans. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program, the MSSU Masters of Arts in Teaching Program or the MSSU Masters of Education Administration program.	D - Demand F - Fall S - Spring
EDUC	0645	Teaching Methods and Instructional Strategies in the Subject Area	C3	3.00		Designed to provide teachers an opportunity to assess their teaching styles and strategies with a focus on improving performance and becoming instructional leaders. The goal is for students to complete tasks to improve instructional methods in a specific content area. Students will integrate multiple data sources and information from prior courses (technology, inclusion, differentiation, assessment, and learning theory) in their subject/content-specific improvement plans. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program, the MSSU Masters of Arts in Teaching Program, or as a participant in the Missouri Temporary Authorization Certificate program.	D - Demand F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EDUC	0650	Research Design	C3	3.00		An overview of the various methods used in conducting educational research. The goals are to provide information about qualitative, quantitative, and action research methods and give examples of how each is used in P-12 educational settings to inform critical thinking and problem solving. Students will design an action research project that could be used in their educational environment. Students will also examine concepts such as establishing reliability and validity and research ethics. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program, the MSSU Masters of Education Administration, or the MSSU Masters of Arts in Teaching Program.	D - Demand F - Fall S - Spring
EDUC	0660	Teacher Leadership	C3	3.00		In this course, students will identify characteristics of the effective teacher leader and examine issues such as leadership styles, facilitation, reflection, and problem solving. Students will also analyze their role as a current/potential leader and suggest a plan for maximizing their potential. Prerequisites: Acceptance to the MSSU Masters of Curriculum and Instruction Program and advisor approval.	D - Demand F - Fall S - Spring
EDUC	0662	Student Teaching Internship - MAT	C3	9.00		Supervised teaching in an assigned off-campus school site. The student teaching experience is based on a 16-week placement and requires the student teacher to demonstrate ability to be an entry-level, effective, decision-making teacher. Arrangements for placement are to be made in the semester preceding the actual student teaching internship.	
EDUC	0665	Elementary School Administration	C3	2.00		This course is a study of the administration of the elementary school and how it relates to the goals and objectives of modern elementary education. Instructional leadership, decision-making, problem solving, effective schools correlates, the change process, school culture, diversity and school improvement concepts will be emphasized. The course permits the student preparing for a position in school administration and supervision to enter into a supervised internship. Acceptance to the MSSU Teacher Education Graduate Program and/or advisor approval.	D - Demand
EDUC	0667	Secondary School Administration	C3	2.00		This course focuses on administrative philosophies, methods, and techniques are included. An examination of the leadership responsibilities of the secondary school principal. Instructional leadership, decision-making, problem solving, effective schools correlates, the change process, school culture, diversity and school improvement concepts will be emphasized. Special emphasis is placed on the administrative problems of the high school principal. The course permits the student preparing for a position in school administration and supervision to enter into a supervised internship. Students must be fully admitted to the M.S.Ed., Administration program and/or have advisor permission to enroll.	D - Demand
EDUC	0668	Internship I in Elementary School Administration	C3	1.00		This course involves a supervised field experience in which the student spends periods of time observing and performing various functions associated with school administration and supervision at the elementary building level. Problem-based field experiences encompassing building level, district level, or other specialized administrative or supervisor positions to emphasize the intern's knowledge, skills and sensitivity in working with diverse students. Internal activities will be the primary focus. This course requires 100 internship hours. Acceptance to the MSSU Teacher Education Graduate Program and/or advisor approval.	D - Demand
EDUC	0669	Internship I in Secondary School Administration	C3	1.00		This course involves a supervised field experience in which the student spends periods of time observing and performing various functions associated with school administration and supervision at the secondary building level. Problem-based field experiences encompassing building level, district level, or other specialized administrative or supervisor positions to emphasize the intern's knowledge, skills and sensitivity in working with diverse students. This is the first part of a supervised, clinical internship that encourages a cooperative agreement among the key stakeholders. Internal activities will be the primary focus. This course requires 100 internship hours. Student must be fully admitted to the M.S.Ed., Administration program and/or have advisor permission to enroll.	D - Demand
EDUC	0670	Internship II in Elementary School Administration	C3	1.00		Involves a supervised field experience in which the student spends periods of time observing and performing various functions associated with school administration and supervision at the elementary building level. Problem-based field experiences encompassing building level, district level, or other specialized administrative or supervisor positions to emphasize the intern's knowledge, skills and sensitivity in working with diverse students. This is the second part of a supervised, clinical, internship that encourages a cooperative agreement among the key stakeholders. External activities will be the primary focus. Students must be fully admitted to the M.S.Ed., Administration program and/or have advisor permission to enroll.	D - Demand
EDUC	0671	Internship II in Secondary School Administration	C3	1.00		Involves a supervised field experience in which the student spends periods of time observing and performing various functions associated with school administration and supervision at the secondary building level. Problem-based field experiences encompassing building level, district level, or other specialized administrative or supervisor positions to emphasize the intern's knowledge, skills and sensitivity in working with diverse students. This is the second part of a supervised, clinical, internship that encourages a cooperative agreement among the key stakeholders. External activities will be the primary focus. This course requires 100 internship hours.	D - Demand
EDUC	0672	K12 School Administration	C3	2.00		A study of administrative philosophies, methods, and techniques as relate to the goals and objectives of a K12 educational setting. Examined are leadership responsibilities of the K12 school principal for instructional leadership, decision-making, problem solving, components of effective schools, the change process, school culture, diversity and school improvement concepts. The course permits the student preparing for a position in school administration and supervision to enter into a supervised internship. Prerequisite: Acceptance to the MSSU Masters of Educational Administration Program.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EH	0101	General Biology	C3	4.00		A survey of general biological principles that emphasize concepts relevant to the student. Special topics may be used to illustrate course content. Three one-hour lectures, one two-hour laboratory per week. Fulfills General Education requirements for Area D. Does not fulfill biology major requirements. Cross listed as EH 101 when taught with environmental health emphasis. BIO 101 or EH 101 fulfills the environmental health major general biology requirement. Cross listed as BIO 101.	F - Fall S - Spring SU - Summer
EH	0107	Environmental Science	C3	3.00		An introductory course in environmental science. The general concepts of ecology and the impact by humans on the environment are covered. Emphasis will be on the attainment of a sustainable environment. Physical, chemical and biological topics related to environmental science will be covered: the use of the scientific method, the chemical elements and energy needed for life, biological diversity and populations, weather and climate, environmental geology, earth resources, energy sources, soils and agriculture, environmental health and toxicology, air and water pollution, waste management, and environmental policy and sustainability. The course goal is to identify and explain the interconnectedness of the earth, environmental issues and potential solutions to environmental problems that will lead to a more sustainable environment. Three hours of lecture per week. MOTR PHYS 110EV	F - Fall S - Spring
EH	0108	Environmental Science w/lab	C3	4.00		An introductory course in environmental science. The general concepts of ecology and the impact by humans on the environment are covered. Emphasis will be on the attainment of a sustainable environment. Physical, chemical and biological topics related to environmental science will be covered: the use of the scientific method, the chemical elements and energy needed for life, biological diversity and populations, weather and climate, environmental geology, earth resources, energy sources, soils and agriculture, environmental health and toxicology, air and water pollution, waste management, and environmental policy and sustainability. The course goal is to identify and explain the interconnectedness of the earth, environmental issues and potential solutions to environmental problems that will lead to a more sustainable environment.	D - Demand
EH	0111	OSHA 10HR General Industry	C3	1.00		Provides students training on recognizing and preventing hazards in general industry workplace settings. Students will be introduced to OSHA standards as well as general industry safety and health workplace practices covered in CFR 1910. Students must attend all lectures and pass a written exam to obtain the OSHA 10-Hour completion card.	D - Demand
EH	0210	OSHA 30HR General Industry	C3	2.00		Emphasizes hazard identification, avoidance, control and prevention, value of safety and health, lockout/tagout procedures, machine guarding, ergonomics, fall protection, and safety and health programs. Students must attend all lectures and pass a written exam to obtain the OSHA 30-Hour completion card.	D - Demand
EH	0211	HAZWOPER	C3	3.00		This course is designed to complete the U.S. Occupational Health and Safety Administration (OSHA) regulatory requirements (29 CFR 1910.120) for working at or on Hazardous Waste Cleanup and Generation Facilities. This course exceeds the requirements of the 40-hour "Hazardous Waste Operations and Emergency Response" (HAZWOPER) as required by OSHA regulation for individuals working on an uncontrolled hazardous waste site. Students who successfully complete this course will be awarded certificates of completion. Prerequisite: Instructor permission required.	D - Demand
EH	0298	Topics in Environmental Health	C3	1.00	5.00	Designed to give instruction in some discipline of environment health not covered in other courses. Prerequisites to be determined by department.	D - Demand
EH	0300	Environmental Geology	C3	3.00		An introduction to our relationship to the earth's environment. The limitations of natural resources and discussion of consequences of the exploitation of natural resources are considered along with the demands of humanity upon the environment. Overview of natural environmental hazards, including volcanoes, earthquakes, subsidence landslides, floods, and asteroid impacts. Prerequisite: Five credits in physical science, physics, and/or chemistry. Cross-listed as GEOL 300.	D - Demand
EH	0304	Introduction to Geographic Information Systems	C3	3.00		Geographic Information Systems, GIS, involves the study of spatial (geographic) location of features on the Earth's surface and the relationships between them. The goal of this course is to introduce students to the principles of cartography and GIS as they are used to analyze spatial aspects of society and the human and physical environments. Particular attention will be focused on ecology, environmental health, and related fields Prerequisite: Junior Standing or consent of instructor. Cross-listed BIO 304 and GEOG 304.	D - Demand
EH	0311	Soils for Environmental Health and Safety	C3	2.00		The use of soil morphology to identify soils that can be used in the treatment and recycling of onsite wastewater. The protection of workers, the public health and the environment from soil pollutants. The protection of worker safety during trenching or excavation of the soil. Two hours of lecture per week. Prerequisites: BIO 101 or higher or EH 107 or higher.	FE - Fall-Even FO - Fall-Odd
EH	0312	Environmental Biology	C3	3.00		A study of how environmental factors interact with and impact living organisms and ecosystems. Emphasis is on global human ecology, environmental problems, sound environmental management practices and the sustainable use of natural resources. Three hours of lecture week. Prerequisites: BIO 101 or higher OR EH 107 or higher. Cross-listed as BIO 312.	FO - Fall-Odd SE - Spring-Even SU - Summer
EH	0352	International Environmental Health	C3	3.00		An in-depth study of environmental health issues in countries other than the United States of America. The approach of this course is to select a country to be studied and review the pertinent environmental health issues. Environmental health issues common to many countries, as well as issues that are unique to the selected country will be studied. The environmental health issues of the selected country will be studied in class and followed up with an extended field trip usually lasting about two weeks. Prerequisites: EH 312. Priority given to EH majors.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EH	0370	Environmental Health & Safety	C3	3.00		A survey of environmental health and safety issues, problems and protection measures, including public health disease prevention, injury prevention and environmental health hazard mitigation. Three hours of lecture per week. Prerequisite: BIO 101 or higher or EH 107 or higher. A chemistry course is recommended. Cross-listed as BIO 370 and HS 370.	F - Fall S - Spring SU - Summer
EH	0371	Environmental Toxicology	C3	3.00		An introduction to natural and man-made toxicants and their effects on public health and the environment. Toxicological effects ranging from the molecular level to the ecological level will be discussed. Three hours of lecture per week. Prerequisite: BIO 101 or higher OR EH 107 or higher. A chemistry course is recommended. Cross-listed with BIO 371.	SE - Spring-Even SO - Spring-Odd
EH	0372	Environmental Regulations	C3	3.00		A study of the regulations generally needed by professionals that work in the fields of environmental health and safety. Three hours of lecture per week. Prerequisite: BIO 101 or higher OR EH 107 or higher.	FO - Fall-Odd SE - Spring-Even
EH	0373	Solid and Hazardous Waste Management	C3	3.00		Introduction to the problems and potential solutions related to the generation, disposal, recycling, reuse, and prevention of solid and hazardous wastes. Emphasis will be on solid and hazardous waste management for a sustainable society. Prerequisite: BIO 101 or higher OR EH 107 or higher. A chemistry course is recommended.	FE - Fall-Even SO - Spring-Odd
EH	0374	Industrial Hygiene	C3	3.00		The anticipation, recognition, evaluation, prevention, and control of those environmental factors or stresses arising in or from the workplace which may cause sickness, impaired health and well-being, or significant discomfort among workers or among citizens of the community. Three hours of lecture per week. Prerequisites: BIO 101 or higher OR EH 107 or higher. A chemistry course is recommended.	FE - Fall-Even FO - Fall-Odd
EH	0375	Disease Vector Control	C3	1.00		Identification and control of organisms that serve as reservoirs and vectors of diseases to humans. One hour of lecture per week. Prerequisite: BIO 101 or higher OR EH 107 or higher. Cross-listed as BIO 375.	FE - Fall-Even SO - Spring-Odd
EH	0376	Water Quality Management	C3	3.00		Concepts, methods and practices for water quality management, water treatment, wastewater treatment, storm-water management, recreational water management and remediation of groundwater for the protection of the environment and public health. Two hours of lecture and 2 hours of lab/field work per week. Prerequisite: BIO 101 or higher OR EH 107 or higher. A chemistry course is recommended.	FE - Fall-Even SO - Spring-Odd
EH	0377	Food Safety	C3	3.00		The concepts, methods, practices, and regulations that help ensure a safe food supply. This information is useful for the environmental health professional working as a health agency regulator or as a quality control agent in the food industry. Two hours of lecture, two hours of lab/field work per week. Prerequisites: BIO 101 or higher OR EH 107 or higher. A chemistry course is recommended.	FE - Fall-Even FO - Fall-Odd
EH	0378	Occupational Health and Safety	C3	3.00		An introduction to the concepts, principles, and methods generally employed by occupational health and safety officers in the performance of their duties. This course is intended to provide students the classroom background to begin preparation for professional certification in safety. Three lectures per week. Prerequisite: BIO 101 or higher OR EH 107 or higher. A chemistry course is recommended.	FE - Fall-Even FO - Fall-Odd
EH	0379	Career Planning for Environmental Health and Safety	C3	1.00		A survey of the various professions, certifications and organizations associated with the field of environmental health and safety. The student will plan for a successful internship and career as an environmental health and safety professional. One hour of lecture per week. Prerequisites: BIO 101 or higher OR EH 107 or higher AND BAS or BS Environmental Health major.	FO - Fall-Odd SE - Spring-Even
EH	0380	Epidemiology	C3	3.00		Introduction to the concepts, principles, and methods generally useful in the surveillance, description, analysis and investigation of disease outbreaks. Three hours of lecture per week. Prerequisites: BIO 101 or higher or EH 107 or higher. Cross-listed as BIO 380 and HS 380.	F - Fall S - Spring
EH	0382	Epidemiological Statistics	C3	1.00		The continuation of EH/BIO 380 Epidemiology by the further introduction of statistical methods that are useful in the analysis of disease outbreak or injury data. One hour of lecture per week. Prerequisite: BIO/EH/HS 380 or concurrent enrollment.	FO - Fall-Odd SO - Spring-Odd
EH	0404	Applications in Geographic Information Systems	C3	3.00		The goal of this course is to allow students to apply skills in spatial analysis to problems in social, physical, ecological, environmental health, and related areas of the social and natural sciences. Students will engage in all aspects of a GIS project with emphasis placed on employing various techniques of spatial statistics. Skills learned will range from GIS project design and data collection to the production of a written deliverable, complete with a series of digital map(s). Three lectures per week. Prerequisite: BIO/EH/GEOG 304 or content of instructor. Cross-listed as BIO 404 and GEOG 404.	D - Demand
EH	0410	Hazardous Incident Management	C3	2.00		The identification, prevention, preparation for, and response to environmental health and safety emergency situations. Emergency situations discussed will include chemical biological, radiological and terrorism hazards. Emergency management systems will be covered. Two hours of lecture per week. Prerequisite: BIO 101 or higher OR EH 107 or higher.	SE - Spring-Even SO - Spring-Odd
EH	0411	Hazardous Material Safety	C3	2.00		Provides information regarding the identification of hazardous materials and their potential impact on human health, safety and the environment. The material in this course will enable managing hazardous materials in ways to provide worker safety, protect health and protect the environment. Two hours of lecture per week. Prerequisite: BIO 101 or higher OR EH 107 or higher. A chemistry course is recommended.	FO - Fall-Odd SE - Spring-Even

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
EH	0480	Environmental Epidemiology	C3	3.00		The study of the distribution and determinants of health-related states or events in specified populations that are influenced by physical, biological, chemical, and psychosocial factors in the environment. Both communicable and non-communicable diseases associated with environmental factors will be studied. Prerequisite: BIO/EH 101 or BIO 105 or BIO 110 or BIO 121 or BIO 108 and BIO 109. A chemistry course and EH 380 are recommended	D - Demand
EH	0481	Environmental Risk and Safety Management	C3	3.00		The concepts, principles, methods, and techniques useful to the environmental health professional in risk assessment, risk management, and risk communications for the protection of the environment, public health, and worker safety. Three hours of lecture per week. Prerequisite: BIO 101 or higher OR EH 107 or higher.	SE - Spring-Even
EH	0495	Field Experience in EH&S	C3	1.00	4.00	Field experience in compliance with the Environmental Health Accreditation Council (EHAC) requirements to provide an opportunity to observe and practice environmental health and safety concepts in a real-world setting. A proposal between the student and the cooperating facility/organization must be submitted for approval to the EHS Program Director prior to the semester of enrollment. The field experience must take place in the semester of enrollment. Each credit hour requires 90 work hours. A minimum of 2 credit hours (180 work hours) is required prior to graduation. Prerequisite: Environmental Health & Safety major with at least 10 credit hours of EH courses and approval of EHS Program Director, Department Chair and School Dean as needed.	F - Fall S - Spring SU - Summer
EH	0496	Independent Research in Environmental Health and Safety	C3	1.00	3.00	Under faculty supervision, the student will perform in-depth research and report on a specific topic from the field of environmental health and safety that has not been covered sufficiently in a current course. Prerequisites: Environmental Health major; 12 hours of EH courses or permission of the instructor; Department Chair approval.	F - Fall S - Spring
EH	0498	Special Topics in Environmental Health	C3	1.00	5.00	Designed to give instruction in some discipline of environment health not covered in other courses. For upper division majors. Prerequisites to be determined by department.	D - Demand
EH	0499	Independent Study in Environmental Health & Safety	C3	1.00	6.00	Individual work, under the supervision of a faculty member, that allows students to explore various topics in Environmental Health and Safety that are not research- or internship-based. Potential topics could include, but are not limited to, advanced study of other course topics, developing new laboratory skills, and exploring new software. Registration approval will be based on a completed course proposal. Prerequisite: Instructor and Department Chair approval.	D - Demand
ENG	0080	Basic Composition	C1	3.00		For students with an English ACT score of 17 or less or a Writing Placement Exam (WPE) score which indicates a need for developmental composition. Students will write at least six major papers with special attention given to mechanics, grammar, syntax, paragraphing, and organization. No credit toward baccalaureate degree.	F - Fall S - Spring
ENG	0101	College Composition I (Writing Intensive)	C1	3.00		An introduction to the principles of college-level writing and critical thinking. Students will write a number of essays for a variety of purposes and audiences. Successful completion of the course permits the student to enroll in ENG 102. Students demonstrating exceptional ability as indicated by Writing Placement scores may take ENG 111. Prerequisite: English ACT score 18 to 28 or ENG 0080 with a grade of 'D' or higher. MOTR: ENGL 100.	F - Fall S - Spring SU - Summer
ENG	0102	College Composition II (Writing Intensive)	C1	3.00		ENG 101 and ENG 102 are courses designed to be taken in sequence. ENG 102 emphasizes writing based on research. Prerequisite: ENG 101 or ENG 111. MOTR: ENGL 200	F - Fall S - Spring SU - Summer
ENG	0111	Advanced College Composition (Writing Intensive)	C1	3.00		For students whose Writing Placement scores demonstrate exceptional proficiency. With a grade of 'C' or better in English 111, a student also automatically receives three hrs. credit for ENG 101, thereby satisfying the six hour composition requirement. Students receiving a 'D' in ENG 111 must take ENG 102. Prerequisite: English ACT of 29 or higher.	F - Fall
ENG	0202	Writing and Research in English	C1	3.00		A required gateway course for English B.A. and B.S.E. majors. An introduction to the aims and methods of writing and scholarship in the discipline. Prerequisite: ENG 102 or ENG 111.	F - Fall S - Spring
ENG	0216	Creative Writing	C1	3.00		Writing of prose, poetry, and drama. A study of the writer's roles and technical approaches to literature in order to develop creative writing skills. Prerequisite: ENG 102 or ENG 111.	F - Fall
ENG	0240	The Short Story	C1	3.00		In-depth study of short fiction from approximately 1800 to present. Emphasizes close reading/study of text-both form and content. Draws upon classic and contemporary works from a range of times, philosophies, cultures, styles and techniques. Prerequisites: ENG 101 and ENG 102 OR ENG 111. MOTR: LITR 100F.	F - Fall S - Spring SU - Summer
ENG	0250	Introduction to Literature	C1	3.00		An introduction to literary analysis and the major literary genres, including the examination of literary themes and techniques common in fiction, poetry, and drama. Prerequisite: ENG 101, or ENG 111. (Meets Area F.2 General Education requirement.) MOTR: LITR 100	F - Fall S - Spring
ENG	0251	Black Literature	C1	3.00		Provides an in-depth exploration of Black literature from its earliest manifestations to the present, examining an array of genres and forms and engaging with textual, critical, political, and theoretical issues related to cardinal literary movements, such as, but not limited to, folk tales, spirituals, slave narratives, The Négritude Movement, the Harlem Renaissance, Social Realism and African "Traditionalism," the Black Arts Movement of 1960s, and the Third Renaissance of 1980s-90s. We will also examine some of the defining debates and phenomena within Black cultural histories. MOTR #:LITR 105AA Prerequisites: ENG 101: College Composition I, and ENG 102: College Composition II, or ENG 111: Advanced College Composition.	F - Fall S - Spring SU - Summer

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ENG	0252	Ethnicities in American Lit	C1	3.00		Features a broad study of writings by Hispanic, Black, Jewish, Middle-Eastern, and Asian communities, as well as American Indian ethnic groups. Other underrepresented ethnicities and identities may also be included. The course examines an array of genres and forms engaging with textual, critical, political, and theoretical issues related to historically marginalized groups and the rich literary traditions they have created. MOTR #:LITR 105 Prerequisites: ENG 101: College Composition I, and ENG 102: College Composition II, or ENG 111: Advanced College Composition.	F - Fall S - Spring SU - Summer
ENG	0253	Women's Literature	C1	3.00		Provides an introduction to the writings by and about women, considering the nature and voice of these contributions within their social, cultural, and historical contexts. MOTR #: LITR 106 Prerequisites: ENG 101: College Composition I, and ENG 102: College Composition II, or ENG 111: Advanced College Composition.	F - Fall S - Spring SU - Summer
ENG	0261	World Literature: Ancient - 16th Century	C1	3.00		Selected literature from the ancient world through the Renaissance, excluding British and American literature. Prerequisite: ENG 101 or ENG 111. MOTR: LITR 200A	F - Fall S - Spring
ENG	0262	World Literature: 16th Century - Present	C1	3.00		Selected literature from the Renaissance to the present, excluding British and American literature. Prerequisite: ENG 101 or ENG 111. MOTR: LITR 200M	F - Fall S - Spring
ENG	0271	British Literature: Medieval - 18th Century	C1	3.00		Survey of British literature from its beginnings through the eighteenth century. Prerequisite: ENG 101 or ENG 111. MOTR: LITR 102A	F - Fall S - Spring
ENG	0272	British Literature: 18th Century - Present	C1	3.00		Survey of British literature from the Romantic Movement to the present. Prerequisite: ENG 101 or ENG 111. MOTR: LITR 102B	F - Fall S - Spring
ENG	0281	American Literature: Beginning - 19th Century	C1	3.00		A survey of American literature from its beginning to the Civil War. Prerequisite: ENG 101 or ENG 111. MOTR: LITR 101A	F - Fall S - Spring
ENG	0282	American Literature: 19th Century - Present	C1	3.00		A survey of American literature from the Civil War to the present. Prerequisite: ENG 101 or ENG 111. MOTR: LITR 101B	F - Fall S - Spring
ENG	0298	Topics in English	C1	1.00	3.00	Studies in a variety of areas not covered in regular courses. Topic open. Prerequisite: ENG 101 or 111.	D - Demand
ENG	0301	Introduction to English Linguistics	C1	3.00		The scientific study of the English language, from ca. 1960 to the present, covering such topics as phonology, morphology, syntax, language acquisition, regional and social variation, and usage. Prerequisite: ENG 202.	F - Fall
ENG	0307	Film Perspectives	C1	3.00		Study of film as a narrative medium, with emphasis on understanding the elements of film and analyzing films from a variety of perspectives. Prerequisites: ENG 102 or ENG 111.	F - Fall
ENG	0310	Professional Writing	C1	3.00		An advanced course focused on the writing demands of professional occupations. Prerequisite: ENG 102 or ENG 111.	F - Fall
ENG	0312	Advanced Professional Writing	C1	3.00		Intended as a continuation of ENG 310, this course covers the types of on-demand writing done by professional and technical writers. The course includes job search and self-promotion strategies required of such writers. Emphasis is on writing with technology. Coursework will include writing for websites and other media, analyses of professional models, and compiling a professional writing portfolio. Prerequisite: ENG 310 or permission of instructor.	S - Spring
ENG	0313	Technical Writing	C1	3.00		An advanced course focused on the practical demands of on-the-job writing, designed primarily for upper-level students preparing for careers in science, technology, or social science. Prerequisite: ENG 102 or ENG 111.	S - Spring
ENG	0315	Advanced Essay Writing	C1	3.00		An advanced course in the principles of prose style, focusing on the academic essay. Recommended for all students, especially those entering the professions or aspiring to become writers. Prerequisite: ENG 102 or ENG 111.	S - Spring
ENG	0316	Creative Writing: Poetry	C1	3.00		An advanced course in the writing of poetry, including analysis and emulation of professional models and workshop editing of original student writings. Prerequisite: ENG 102 or ENG 111 and ENG 216 or permission of instructor.	SO - Spring-Odd
ENG	0317	Creative Writing: Fiction	C1	3.00		An advanced course in the writing of fiction, including analysis and emulation of professional models and workshop editing of original student writings. Prerequisite: ENG 102 or ENG 111 and ENG 216 or permission of instructor.	SE - Spring-Even
ENG	0319	Teaching Writing in the Middle and Secondary School	C1	3.00		For prospective teachers of English. Composition theory and pedagogy. Prerequisite: ENG 102 or ENG 111.	F - Fall
ENG	0325	Children's Literature	C1	3.00		A reading, lecture, and observation course for elementary education students, including evaluation of children's literature, its historical development, and its uses in the elementary school. Does not count toward the English B.A. and secondary English B.S.E. majors. Prerequisite: ENG 102 or ENG 111.	F - Fall S - Spring
ENG	0330	Young Adult Literature	C1	3.00		An extensive reading course for English education majors including evaluation of adolescent literature, some methodology for classroom use, and a major unit on minority literature. Prerequisite: ENG 102 or ENG 111.	S - Spring
ENG	0333	Literary Paris	C1	3.00		An examination of the historic role of Paris in literary production and of the literature produced in this city. Emphasis will be placed upon the city as a locus for the literary productions that shape American, British, and World literatures. Coursework will include a practical orientation to the city, an introduction to French culture, and an in-depth examination of some of those authors whose work was shaped by Parisian experiences. The course includes a mandatory trip to Paris. Prerequisite: ENG 202. Co-Requisite: FREN 101 or previous French language experience as determined by the instructor.	D - Demand S - Spring
ENG	0361	Studies in World Literature	C1	3.00		A course enabling concentrated study of carefully focused topics in world literature through critical reading and discussion of, and writing about, a range of world literary texts, primarily texts in translation. Content of any particular course offering to be determined by instructors' proposals, subject to review by the departmental World Literature Committee and approval by the departmental Curriculum Committee. May be retaken as different topics for a maximum of 12 credit hours. Prerequisite: ENG 202.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ENG	0371	Studies in British Literature	C1	3.00		A course enabling concentrated study of carefully focused topics in British literature through critical reading and discussion of, and writing about, a range of British literary texts. Content of any particular course offering to be determined by instructors' proposals, subject to review by the departmental British Literature Committee and approval by the departmental Curriculum Committee. May be retaken as different topics for a maximum of 12 credit hours. Prerequisite: ENG 202	F - Fall S - Spring
ENG	0381	Studies in American Literature	C1	3.00		A course enabling concentrated study of carefully focused topics in American literature through critical reading and discussion of, and writing about, a range of American literary texts. Content of any particular course offering to be determined by instructors' proposals, subject to review by the departmental American Literature Committee and approval by the departmental Curriculum Committee. May be retaken as different topics for a maximum of 12 credit hours. Prerequisite: ENG 202.	F - Fall S - Spring
ENG	0393	Studies in Professional Writing	C1	3.00		A course enabling concentrated study of focused topics in professional writing through reading of, discussion of, and writing about a range of texts about and models of professional writing and rhetoric. Content of any particular course offering to be determined by instructors' proposals, subject to review and approval by the departmental Curriculum Committee. May be retaken as different topics for a maximum of 6 credit hours. Prerequisite: ENG 310: Professional Writing or permission of instructor.	F - Fall S - Spring
ENG	0400	History of the English Language	C1	3.00		A study of the ancestors of Modern English and the effect of other languages, peoples, and cultures upon the development of English. Phonology, morphology, syntax, and usage of the language throughout its history. Prerequisite: ENG 202.	S - Spring
ENG	0450	Shakespeare	C1	3.00		A study of selected comedies, histories, tragedies, romances, and poems. Prerequisite: ENG 202.	F - Fall
ENG	0480	Literary Theory and Criticism	C1	3.00		A study of major schools of criticism and the major representatives of each school. Prerequisite: ENG 202.	SO - Spring- Odd
ENG	0491	Internship in English	C1	1.00	8.00	Practical experience using writing skills in a professional environment. All internships must conform with MSSU institutional policy regarding the number of hours work per credit and contractual agreements with cooperating facility. Three-hour internships may be repeated. Prerequisites: ENG 102 or ENG 111; Advanced standing with a GPA of 3.0, and approval of a departmental committee.	F - Fall S - Spring SU - Summer
ENG	0495	Senior Seminar	C1	3.00		Intensive study of one or more literary authors, genres, and/or historical periods, culminating in a substantial research paper. Topic open. Prerequisite for English majors: ENG 202. For senior English majors or for others by permission of department head.	F - Fall S - Spring
ENG	0498	Advanced Topics in English	C1	0.00	3.00	For advanced English majors or by permission of department head. Topic open. Prerequisite: ENG 102 or ENG 111.	D - Demand
ENG	0499	Independent Study	C1	1.00	3.00	Individually directed study in selected areas for advanced English majors. Prerequisite: ENG 102 or ENG 111; a GPA of 3.0 in English. Enrollment must be approved by adviser, department head, and school dean.	D - Demand
ENT	0200	Entrepreneurship and Opportunities	C2	3.00		Students will be introduced to the concept of an entrepreneurial mindset. Students will learn how to use that mindset to explore problems and issues. Students will use this entrepreneurial mindset to learn the basics of business opportunity analysis in new business ventures and existing businesses. Students will use an opportunity discovery canvas as an initial tool to examine problems and opportunities. Competitive advantage will be examined, and students will learn to utilize competitive advantage to launch and grow a business. Prerequisites: ENG 101 and ENG 102.	
ENT	0202	Business Opportunities and Innovation	C2	1.00		A course concentrating on analyzing the feasibility of starting or expanding a business venture. Topics include developing strategies for various types of existing business ventures and new startups, product positioning, the purchase of existing businesses, franchising, and determining and creating a competitive advantage for products and services.	F - Fall
ENT	0203	Legal Aspects for Entrepreneurs	C2	1.00		Covers the formation, advantages and disadvantages of corporations, partnerships, sole proprietorships and limited liability companies as the different forms of legal ownership for new businesses. Government regulations, business licenses, intellectual property considerations, types of business insurance, and other legal considerations will be explored.	F - Fall
ENT	0204	Initial Capitalization	C2	1.00		A course to help prepare the entrepreneur for presenting their "initial capital" needs to the appropriate audience in obtaining financing for their new business.	S - Spring
ENT	0206	Entrepreneurial Computerized Accounting	C2	1.00		A course to prepare the entrepreneur for applying computerized accounting technology to a small business situation. QuickBooks for Windows will be used for the course.	S - Spring
ENT	0207	Entrepreneurial Accounting Foundations	C2	1.00		A course to teach entrepreneurs accounting concepts so they will have background knowledge of the how and why of financial statement preparation as related to managing small businesses.	F - Fall
ENT	0208	Entrepreneurial Accounting Reports	C2	1.00		A course to acquaint entrepreneurs with the various accounting and financial records needed to successfully operate a small business.	F - Fall
ENT	0210	The Management Process for Entrepreneurs	C2	1.00		A course to acquaint the entrepreneur with basic theories and principles of management as they relate to an entrepreneurial and newly formed business. Using E-commerce in traditional companies will be evaluated. Small business survival by gaining the competitive edge will be stressed.	S - Spring
ENT	0212	Human Resource Issues for Entrepreneurs	C2	1.00		This course is designed to help the students and owners of small businesses improve their human relations skills needed in running a business. The discovering of one's management style and the development of new management skills will be covered.	S - Spring
ENT	0214	Entrepreneurial Pricing Strategies	C2	1.00		This course will concentrate on the pricing of products for a small business for profit, and the development of pricing strategies and sales promotion techniques that will allow businesses to attract customers for the buying process. The emphasis will be on pricing strategies for goods and/or services.	S - Spring

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ENT	0215	Entrepreneurial Retail Management	C2	1.00		This practical course will concentrate on acquainting the student with various techniques of inventory/merchandise planning and controls; merchandising strategies and salesmanship; physical layout and location analysis.	S - Spring
ENT	0305	Entrepreneurial Financial Analysis	C2	1.00		A course for preparing analysis on a new or existing business in the areas of business operating cycle, quality indicators, financial ratios, permanent working capital, and cash flow analysis. A financial analysis model will be explored to determine cash flow from profits, operational and non-operational sources.	S - Spring
ENT	0309	New Venture Taxation	C2	1.00		A course to acquaint entrepreneurs with the tax concerns of the different forms of business organizations. Federal and state tax documents necessary for a small business to operate will be examined. Consequences of noncompliance with taxing authorities will also be explored.	F - Fall
ENT	0310	Entrepreneurial Marketing	C2	3.00		Introduces students to marketing concepts and strategies relevant for start-up and early stage entrepreneurs. As there is no universal marketing solution for all entrepreneurs, this course is designed to help students develop a flexible way of thinking about marketing problems. Topics include customer discovery, product and service demand, positioning, value proposition, maintenance and growth of a customer base, distribution channels, pricing and revenue. Prerequisite: ENT 200.	F - Fall
ENT	0311	Entrepreneurship Strategy	C2	1.00		Entrepreneurial Strategy is a course to help small business owners and those wanting to start a small business develop and implement management strategies for efficiency and to learn and practice the important functions of planning and organizing a small business. Emphasis is on entry strategies and using the balanced scorecard to set internal strategies for the entrepreneurial venture.	S - Spring
ENT	0313	Entrepreneurial Marketing Strategies	C2	1.00		This course will introduce the entrepreneur to the complexities of advertising for smaller businesses. The entrepreneur will learn to develop the marketing goals of a business and select a marketing mix to communicate those ideas to the marketplace. The course will discuss the utilization of modern Internet-based promotional strategies.	S - Spring
ENT	0320	Legal Aspects for New Ventures	C2	3.00		Introduces students to the different legal entities of business formation, as well as examine the advantages and disadvantages of corporations, partnerships, sole proprietorships and limited liability companies. Liability and tax issues will also be a focus of each of these entities. Government regulations, business licenses, intellectual property considerations, types of business insurance, and other legal considerations will also be explored. Finally, legal obligations and ethics will be examined from a small business perspective. Prerequisite: ENT 200.	S - Spring
ENT	0321	Business Planning for Entrepreneurs	C2	1.00		A course to make students aware the proper techniques to use in preparing and presenting a business plan, which will provide the necessary goals and directions for creating, managing, and gaining profit from a business of their own.	F - Fall
ENT	0340	Managerial Accounting for New Ventures	C2	3.00		Teaches entrepreneurs accounting concepts so they will have background knowledge of the how and why of financial statement preparation as related to managing a small business. Students will learn how to apply accounting and financial records in order to analyze the performance of a small business. Federal and state tax documents and the implication on an entity's taxes of the different forms of business organizations will also be explored. Finally, students will gain a better understanding of the consequences of noncompliance with taxing authorities. Prerequisite: ENT 200.	F - Fall
ENT	0350	Small Business Management	C2	3.00		Takes the student through the organizational steps that entail starting, operating, and growing a small business. Students will examine concepts and processes related to business planning, marketing strategy, developing human resources, financial planning, and risk management for small businesses. Prerequisite: ENT 200.	F - Fall
ENT	0360	Financial Management for New Ventures	C2	3.00		Helps prepare the entrepreneur for presenting their "initial capital" needs to the appropriate audience in obtaining financing for their new business. Students will learn how to prepare an analysis on a new or existing business in the areas of business operating cycle, quality indicators, financial ratios, permanent working capital, and cash flow analysis. A financial analysis model will be explored to determine cash flow from profits, operational and non-operational sources of cash. Students will also learn how to apply computerized accounting technology to a small business situation. QuickBooks Online will be utilized for this course. Prerequisite: ENT 200.	S - Spring
ENT	0370	Advancing Black Entrepreneurship	C2	3.00		Students will learn how black entrepreneurs have historically been hidden figures of the business world yet critical to the economic development of urban communities. This course will examine case studies that focus on contemporary black entrepreneurs. Students will learn how these individuals overcome structural challenges specific to black entrepreneurs, create successful ventures, and reinvest in local communities. Prerequisites: Junior standing and ENG 0101/ENG 0102.	S - Spring
ENT	0380	Social Entrepreneurship	C2	3.00		Introduces students to the concept of social entrepreneurship that address societal problems worldwide that have not been satisfactorily addressed by government or the market place. Students will explore innovative, entrepreneurial approaches that address social problems within the United States and internationally and across diverse domains, such as education, economic development, the environment, health, and human rights. Prerequisites: Junior standing and ENG 0101/ENG 0102.	F - Fall
ENT	0401	New Venture Formation	C2	3.00		Students, as officers or employees, will be required to complete the following tasks generally inclusive with creating, and managing a small business: identify a viable product/service and target market; develop an organizational structure for the company; write a business plan; maintain internal cost and accounting procedures; develop advertising and marketing strategies; and harvest the business. Prerequisite: ENT 321.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ENT	0402	Managing Innovation and Technology	C2	3.00		Students work in a consulting capacity problem solving for entrepreneurial companies that may be located in a business innovation center or referred by the Small Business Development Center. Students work with problems related to marketing, economic and competitive environment, managerial issues, and other business requirements in which students will combine business and consulting skills in a way that leads to innovation and sustainable growth in the small businesses. Prerequisite: ENT 321 or consent of the instructor.	F - Fall
ENT	0410	Ideation and Lean Innovation	C2	3.00		Teaches students the psychology of how to work within resource constraints to turn creativity into an innovative business idea. Using the lean start-up approach, students learn how to leverage customers to create a business model canvas and validate their business idea. Through this iterative process, students learn how to fast prototype, when to pivot, and use market feedback to refine their business idea. Prerequisites: ENT 310 and ENT 350.	S - Spring
ENT	0430	New Venture Planning	C2	3.00		Gives students the opportunity to examine various business plans of ventures in different business life cycles. Students will write their own business plan for both internal and external audiences. Students will be introduced to various business planning tools, including the Business Model Canvas and Lean Canvas. Prerequisites: ENT 310 and ENT 350.	F - Fall
ENT	0440	Entrepreneurship Analysis	C2	3.00		Students work in a consulting capacity problem solving for entrepreneurial companies that may be located in a business innovation center or referred by the MO Small Business Development Center at Missouri Southern State University. Students work on conducting a SWOT analysis for the small business and will develop solutions related to marketing, financial management or management issues. Students will combine business and consulting skills in a way that leads to innovation and/or sustainable growth in the small business. Students will also work on projects that help enhance and improve local or regional entrepreneurial ecosystems as requested by the Center for Entrepreneurship at Missouri Southern State University. Prerequisites: ENT 310 and ENT 350.	F - Fall
ENT	0450	New Venture Formation	C2	3.00		Designed to provide students with the opportunity to propose a new venture and complete the following tasks necessary to create and manage a small business: identify a viable product/service and target market; develop an organizational structure for the company; write a business plan; maintain internal cost and accounting procedures; develop advertising and marketing strategies; and harvest the business. Business Model Canvas and Value Proposition Canvas will be explored as they relate to the student's new venture. Prerequisites: ENT 410 and ENT 430 or consent of the instructor. This class should be taken in the last semester of senior year.	S - Spring
ENT	0491	Internship in Entrepreneurship	C2	1.00	3.00	In consultation with the coordinating professor, the student is engaged in first-hand experience with a small business or another entrepreneurial support organization. A portfolio of assigned work shall be collected, examined, and evaluated during the semester. Prerequisites: 65 hours, 3.0 GPA and department approval.	F - Fall S - Spring SU - Summer
ENT	0499	ENT Independent Study	C2	1.00	3.00	In consultation with the coordinating professor, the student is engaged in directed research and study in topics related to entrepreneurship. Assignments and a final project/paper will be turned in at the end of the semester. Prerequisites: Instructor permission.	F - Fall S - Spring SU - Summer
ESL	0051	Level 1: Introduction to Grammar	C1	3.00		Students focus on basic grammar structures in English at the independent word, phrase, and simple sentence level. Emphases include concrete, abstract, count and non-count nouns, pronouns, adjectives, adverbs, prepositions, regular and irregular verbs. Subject verb agreement and verb tensing is stressed. The course emphasizes use and understanding of these structures.	F - Fall
ESL	0052	Level 1: Beginning Listening and Speaking	C1	3.00		Students focus on basic speaking and listening skills, including practice in language production and understanding. Primary focus of the course is pronunciation of American English phonemes and morphemes with additional work to assist students' communication needs common situations. Topics include general conversation, interviewing, requests, questions and answers, and expressing opinions.	F - Fall S - Spring
ESL	0053	Level 1: Beginning Reading	C1	3.00		Students focus on basic reading skills, stressing reading strategies and vocabulary development. Primary focus stresses reading skills necessary to move on to higher level reading courses in the IEP. Topics include general purpose and recreational reading, reading speed and comprehension strategies, vocabulary and idiomatic expression development.	F - Fall S - Spring
ESL	0054	Level 1: Beginning Composition	C1	3.00		This course is designed to help the ESL learner master English syntax at the sentence level, with an introduction to basic paragraph form. Emphasis is on competency in clearly expressing ideas through developing various sentence structures. Students learn development of main and supporting ideas, simple and compound sentence structure.	F - Fall S - Spring
ESL	0057	Level 1: Beginning English Skills	C1	3.00		Students learn to navigate the American classroom system on the university level. Students explore relationships in America by participating in discussions, on campus activities and conversations with native English speakers as well as successful IEP students in higher levels. University policies and classroom expectations are a main focus. Emphasis is placed on skills needed to be successful in the American university environment.	F - Fall S - Spring
ESL	0061	Level 2: Basic Grammar	C1	3.00		Students focus on basic grammar structures in English at the sentence level. Emphases include verb forms and tensing structures, subject/verb agreement, parts of speech, use of adjective, adverb and prepositional phrases, noun and pronoun forms, and active/passive voices. Sentence construction is stressed, including complex sentence structures. The course emphasizes use and understanding of these structures.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ESL	0062	Level 2: Speaking and Listening	C1	3.00		Students focus on basic speaking and listening skills, including practice in language production and understanding. Primary focus of the course is basic level conversation in American Standard English, with additional work to assist students' communication needs for survival English. Topics include conversation, requests, questions and answers, and formulaic exchanges such as greetings, introductions and shopping.	F - Fall S - Spring
ESL	0063	Level 2: Reading Skills	C1	3.00		Students focus on basic reading skills, stressing reading strategies and vocabulary development. Primary focus stresses reading skill development and reading fluency (speed and comprehension). Topics include general purpose and recreational reading, vocabulary and idiomatic expression development.	F - Fall S - Spring
ESL	0064	Level 2: Writing in English	C1	3.00		This course is designed to help the ESL learner master English syntax at the phrase, clause and sentence level, with an introduction to basic paragraph form. Emphasis is on competency in expressing clearly complex ideas through developing various sentence structures and types. Students learn development of primary and secondary ideas. Class writing assignments are linked, when possible, to authentic purposes for writing.	F - Fall S - Spring
ESL	0067	Level 2: Developing Basic English Skills	C1	3.00		Students focus on four basic English skills: reading, writing, speaking and listening, and grammar. Primary focus stresses the skills most important at a beginning level: vocabulary development, correct grammatical structures, written communication strategies, negotiating meaning and avoiding misunderstandings, and participation in common, everyday communications, questions and answers, and opinions.	SU - Summer
ESL	0072	Level 3: Speaking and Listening	C1	3.00		Students focus on basic and intermediate speaking and listening skills, including practice in language production and understanding. Primary focus of the course is conversation in American Standard English, with additional work to assist students' communication needs in American higher education. Topics include general conversation, interviewing, requests, questions and answers, and expressing opinions.	F - Fall S - Spring
ESL	0073	Level 3: Reading and Vocabulary	C1	3.00		Students focus on basic and intermediate reading skills, stressing reading strategies and vocabulary development. Primary focus stresses reading skills necessary in the general environment of American higher education by way of an introduction to American culture. Topics include general purpose and recreational reading, reading speed and comprehension strategies, vocabulary and idiomatic expression development.	F - Fall S - Spring
ESL	0074	Level 3: ESL Composition	C1	3.00		This course is designed to help the ESL learner master English syntax at the sentence and paragraph level, with an introduction to basic academic essay form. Emphasis is on competency in expressing clearly complex ideas through developing various types of paragraphs. Students learn development of main and supporting ideas.	F - Fall S - Spring
ESL	0077	Level 3: Intermediate ESL Skills	C1	3.00		Students focus on four intermediate English skills: reading, writing, speaking and listening, and grammar. Primary focus stresses the skills most important at an intermediate level: vocabulary building, correct grammatical structures for communicative language production, and participation in common, everyday communications, questions and answers, and expressing opinions.	D - Demand
ESL	0082	Level 4: Academic Speaking and Listening	C1	3.00		Students focus on advanced speaking and listening skills appropriate to American higher educational settings, including language production and understanding. The course emphasizes academic lecture discourse and note taking skills; discussion leadership and participation styles; researching, analyzing and expressing opinions on a variety of academic topics. Requires a placement test or approval of the IEP director.	F - Fall S - Spring
ESL	0083	Level 4: Academic Reading	C1	3.00		Students focus on reading skills necessary for university academic work, stressing reading strategies and vocabulary development. Primary focuses are understanding difficult texts and vocabularies, increasing reading speed and encouragement of recreational reading in English. Topics include essay and academic texts; careful reading, skimming and scanning skills, and summarizing. Requires a placement test or permission of the IEP director.	F - Fall S - Spring
ESL	0084	Level 4: ESL Composition	C1	3.00		This course is designed to help the ESL learner master English syntax at the essay and formal paper level, with introduction to basic citation form. Emphasis is on academic discourse styles in development of the essay and other types of classroom written work. Topics include development of a thesis through essay organization and writing clearly under the pressure of time. Requires a placement test or permission of the IEP director.	F - Fall S - Spring
ESL	0087	Level 4: Advanced ESL Skills	C1	3.00		Students focus on four advanced English skills: reading, writing, speaking and listening, and grammar. Primary focus stresses the skills most important at an advanced level: vocabulary building in technical, professional and academic areas, correct grammatical structures for business and academic language production, and participation in university level communications, discussions, formal questions and expressing opinions.	D - Demand
ESL	0092	Level 5: Advanced Speaking and Listening	C1	3.00		Students focus on the principles of oral communication: advanced speaking and listening skills essential for success in collegiate coursework. These skills include, but are not limited to the following: academic note-taking skills, academic presentation skills, skills for leading a discussion and fielding questions, advanced pronunciation skills guided by self-monitoring and self-assessment, effective use of research for a formal presentation, and critical assessment skills for evaluating research material. Material evaluated will be derived from the following: academic lectures, dictionary basics, pronunciation (vowel basics, consonant basics, syllables and word endings, stress in words, rhythm in phrases and sentences), thought groups and focus words, and models of professional and well-researched presentations.	F - Fall S - Spring SU - Summer

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
ESL	0093	Level 5: Advanced Reading	C1	3.00		This course prepares students for the intensive reading requirements of a university classroom. Various forms of academic texts are analyzed with objectives of improving reading comprehension through identifying authors' writing styles and communicative intents. Additional emphases are placed on building vocabulary, taking notes while reading, and incorporating reading as a necessary study skill. Concepts of reading for various styles of exam questions is also discussed. Prerequisite: ESL 0083 or placement test for new admits.	F - Fall S - Spring
ESL	0097	ESL Topics	C1	0.00	8.00	Short term courses for persons desiring short study of English while in the U.S. Non-gradable.	D - Demand
ESL	0130	Studying for the TOEFL	C1	2.00		This course focuses on the tools good students use to prepare for the TOEFL examinations. English competence and a number of other factors affect student performance, including test anxiety, assessment misunderstanding, unfamiliarity with key vocabulary, poor study habits and poor strategies. The goal of this short course is to introduce the most helpful things to prepare for the TOEFL and, by extension, other language assessments such as the Michigan Test Battery.	D - Demand
FIN	0101	Introduction to Personal Financial Planning	C2	3.00		Introduction to the concepts and tools necessary for effective management of personal financial health. Includes goal-setting, investment decisions, obtaining and using credit, insurance, and retirement planning. Also provides exposure to various business careers and to comparable decisions that business owners and managers make.	F - Fall SU - Summer
FIN	0320	Pension Planning	C2	3.00		Pension Planning is the establishment, implementation, and management of private retirement plans. Topics include: the history of private pension plans in the United States, the debate over defined benefit versus defined contribution plans, tax considerations in pension planning, important aspects of various types of pension plans, funding of pension plans, terminating pension plans, and investment issues for pension plans. Prerequisites: ECON 201, ECON 202, and ACCT 201. Co-requisite: GB 301.	D - Demand
FIN	0330	Principles of Insurance	C2	3.00		Survey of the fundamentals of insurance, including risk management, interpretation of policies, property insurance, liability insurance, health insurance, and life insurance. Prerequisites: ECON 201 and ECON 202.	F - Fall
FIN	0350	Financial Management	C2	3.00		Study of the financial operating environment and financial analysis; risk and valuation; time value of money; capital budgeting; cost of capital and leverage; working capital management; and dividend policy. Prerequisites: ECON 201, ECON 202, and ACCT 202.	F - Fall S - Spring SU - Summer
FIN	0370	Estate Planning	C2	3.00		The study of the efficient conservation and transfer of wealth, consistent with the client's goals. The course will consider the legal, tax, financial, and non-financial aspects of this process. Topics covered will include trusts, wills, probate, advanced directives, charitable giving, wealth transfers, and related taxes. Prerequisites: FIN 350, ACCT 375, and GB 301.	D - Demand
FIN	0400	Bank Management	C2	3.00		Provides an introduction to the commercial bank industry, its organization, structure, and regulation. The lending and investment functions of banking are examined along with liability and capital management issues, including de nova banking and merger/acquisitions. Its' purpose is to offer an overview of commercial banks and their delivery role in the financial services industry. Prerequisites: ECON 300 and FIN 350.	F - Fall
FIN	0411	Investments	C2	3.00		Principles underlying investment analysis and policy; salient characteristics of governmental and corporate securities; policies of companies and investing institutions; relations of investment policy to money markets and business fluctuations; and security price-making forces. Prerequisite: FIN 101.	F - Fall
FIN	0420	Security Analysis	C2	3.00		A broad introduction to basic stock selection using "fundamental" analysis whereby "over" and "under" valued stocks are to be identified. The class will construct a common stock portfolio of 0 to 25 stocks. Other topics covered will include: basic schools of investment thought, diversification, quality of earnings, and factors affecting equity ownership. Prerequisite: FIN 350 or permission.	D - Demand
FIN	0421	Portfolio Management	C2	3.00		Theories of diversification, portfolio construction and portfolio management; fundamental analysis of securities; investment goals and strategies; economic and industry analysis; decision making for the Youngman Portfolio. Prerequisite: FIN 411.	S - Spring
FIN	0422	Portfolio Management II	C2	3.00		Theories of diversification, portfolio construction and portfolio management; fundamental analysis of securities; economic and industry analysis; financial software competencies; derivatives; decision making for the Youngman Portfolio. Prerequisite: FIN 421.	D - Demand
FIN	0435	Financial Analysis	C2	3.00		This applied course will familiarize students with the analytical and empirical tools used by financial managers to evaluate and forecast financial performance and perform project analysis and valuation. Topics will include the discounted cash flow analysis; project risk analysis; cost of capital; forecasting financial statements; enterprise valuation; and valuation using financial derivatives. Prerequisites: FIN 350, MGMT 237.	F - Fall SU - Summer
FIN	0440	Advanced Financial Planning: Cases and Applications	C2	3.00		This course will integrate material presented in the financial planning track coursework. Students will be engaged in critical thinking and decision making regarding personal financial management topics in the context of the financial planning process. Prerequisites: ACCT 375, FIN 320, and FIN 330. Co-requisites: FIN 370 and FIN 411.	D - Demand
FIN	0450	Financial Strategy	C2	3.00		Financial planning, capital budgeting under constraints of mutual exclusiveness and capital rationing, leverage (both operating and financial), debt financing, common stock (including dividend policy), preferred stock, leasing, mergers, LBOs using a case study approach. Prerequisite: FIN 350.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
FIN	0491	Internship in Finance	C2	1.00	6.00	An internship for senior Finance students with an opportunity to observe and participate in actual business operations within the community. All internships must conform to institutional policy regarding the number of hours of work, the number of credit hours, and written agreements with the cooperating business or agency. Prerequisites: 65 hours, 3.0 GPA, and department approval. Repeatable up to six credit hours. Graded credit/no credit.	D - Demand
FIN	0498	Advanced Topics in Finance	C2	1.00	3.00	For upper-division students. Topics to be announced each time the course is offered. Examples of seminars offered in the past are: 498-Seminar in Business Cycles, and 498-Seminar in Public Finance.	D - Demand
FIN	0499	Independent Study in Finance	C2	1.00	6.00	Individually directed readings, research and discussion in selected areas of Finance for advanced majors. Scope, depth, area of concentration and credit to be arranged upon entry into course. Offered by arrangement. Prerequisites: Permission and a minimum 3.0 GPA. Repeatable up to six credit hours.	D - Demand
FIN	0535	Financial Analysis	C2	3.00		This applied course will familiarize students with the analytical and empirical tools used by financial managers to evaluate and forecast financial performance and perform project analysis and valuation. Topics will include the discounted cash flow analysis; project risk analysis; cost of capital; forecasting financial statements; enterprise valuation; and valuation using financial derivatives. Prerequisites: FIN 350 and MGMT 237.	F - Fall SU - Summer
FIN	0550	Applied Managerial Finance	C2	3.00		A study of the financial operating environment of a firm. Students will learn how to interpret and evaluate financial performance; how to analyze capital budgeting decisions, including cash flows, financing options, cost, and risk; how to forecast and develop financial plans; and how to manage the growth of a firm.	
FIRE	0110	Firefighter I	C3	6.00		Focuses on a basic hands-on approach to firefighting, Hazardous Materials Awareness and Hazardous Materials Operations, which promotes both skill competency and an understanding of the basic fireground activities. Students will complete numerous fireground-speed evolutions, and rolling responses, which encourage them to apply their skills to a variety of scenarios. Prerequisites: Students must possess NIMS IS 100, 200, 700 and 800.	F - Fall SU - Summer
FIRE	0120	Firefighter II	C3	6.00		Fire Fighter II focuses on an intense hands-on approach to firefighting, Hazardous Materials Awareness and Hazardous Materials Operations, which promotes both skill competency and an understanding of the advanced fireground activities. Students will complete numerous fireground-speed evolutions, and rolling responses, which encourage them to apply their skills to a variety of scenarios. Prerequisite: Students must have successfully completed FIRE 110.	F - Fall
FREN	0300	Advanced French	C1	3.00		The third semester of French language instruction, honing proficiency in listening, speaking, reading, and writing, and continuing instruction in the study of French-speaking cultures. A student may repeat this course to a maximum of 9 credit hours. Prerequisite: FREN 204 or equivalent level of proficiency.	F - Fall S - Spring
FREN	0309	French Language (Consortium)	C1	1.00	5.00	French Composition offered by MSU, MSSU, MWSU, SEMO, or UCMO. Syllabus and delivery platform (ITV, hybrid, or online) vary depending on the offering university. Prerequisite: FREN 204 or equivalent level of proficiency.	D - Demand
FREN	0399	French Study Abroad	C1	1.00	12.00	Academic credit(s) will be granted to individuals who complete one or two semesters of a university sponsored study abroad program in a French speaking country. Course(s) taught in French and completed abroad that are listed as upper division general electives on the student transcript may be amended as French Study Abroad credit(s) to fulfill up to 12 hours of French upper division elective credit. Prerequisite: Must have completed 60 hours prior to the study abroad experience and FREN 204 or its equivalent. The proposed courses for the study abroad experience must be approved in advance by the academic adviser and the department head.	
FREN	0409	French Literature (Consortium)	C1	1.00	5.00	French Civilization and Literature I or II offered by MSU, MSSU, MWSU, SEMO, or UCMO. Syllabus and delivery platform (ITV, hybrid, or online) vary depending on the offering university. Prerequisite: FREN 204 or equivalent level of proficiency.	D - Demand
FREN	0429	French Culture (Consortium)	C1	1.00	5.00	French Cinema offered by MSU, MSSU, MWSU, SEMO, or UCMO. Syllabus and delivery platform (ITV, hybrid, or online) vary depending on the offering university. Prerequisite: FREN 204 or equivalent level of proficiency.	D - Demand
FREN	0491	Internship in French	C1	1.00	8.00	Off-campus work experience in areas related to professional goals of students. For advanced students in French. Application must be made during the first half of one semester for the following semester and must be approved prior to enrolling. Students work under joint supervision of a faculty member and a representative of the organization providing the intern experience. A student may repeat the course to a maximum of 8 hours credit. Prerequisite: A minimum of 18 hours in French with a minimum 3.0 GPA; approval of department head before enrolling. Some internships may have specific prerequisites. Guidelines for the internship program are available in the department's offices and must be followed.	D - Demand
FREN	0498	Advanced Topics in French	C1	1.00	8.00	Advanced topics not normally included in regular offerings. Prerequisites are determined by the department and stipulated in the syllabus for each specific offering.	D - Demand
FREN	0499	Independent Study in French	C1	1.00	3.00	Individual directed study in selected areas for advanced majors in French. Prerequisites: A minimum of 90 hours – 18 of which must be in French – with a cumulative GPA of 3.0. The proposed study must be approved by instructor, advisor, department head, and school dean prior to student enrollment.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
GB	0115	CAPS Business Industry Partner Experience	C2	1.00		Introduces Missouri Southern CAPS students to business careers and the role of a business professional. The Business Industry Partner Experience is a course which will help the student discern their interest in the business profession and guide them towards the right specialty. The first few weeks establishes a base of understanding specific industry standards and procedures and basic terminology related to the field. Professional skills will be introduced throughout the semester. The remainder of the semester is spent observing and working alongside professionals in a variety of work settings, which may include the fields of business, marketing, entrepreneurship, human resources, accounting, engineering, and computer science. Prerequisite: Admission to the Missouri Southern CAPS program.	
GB	0120	Business Enterprise	C2	3.00		Designed to provide students with a fundamental knowledge of operating a business. A key objective the course is to provide answers to rudimentary questions applicable to operating any business. The course will provide a foundation for professional skill development, prepare them for internships and future employment.	
GB	0298	Topics in General Business	C2	1.00	8.00	Special topics in General Business. Topics to be announced each time the course is offered.	D - Demand
GB	0301	Legal Environment of Business I	C2	3.00		Common law principles and statutes, particularly the Uniform Commercial Code, as they relate to American business. Includes the court systems and procedures, a brief overview of criminal law and tort law, contracts, personal property and bailments, sales, commercial paper and secured transactions. Special emphasis on Missouri case-law and statutes. Lectures supported by actual case decisions and case digests.	F - Fall S - Spring
GB	0302	Legal Environment of Business II	C2	3.00		Common law principles and statutes, particularly the Uniform Commercial Code, as they relate to American business. Includes consumer protection, government control and regulation, insurance, bankruptcy, intellectual property, agency and employment, business organizations, real property, and estates. Prerequisite: Junior standing.	F - Fall
GB	0320	Business Communication	C2	3.00		Principles of writing effective business messages to communicate effectively in the business environment. Emphasis on contemporary issues and the employment process. Prerequisites: ENG 101 and 102 or ENG 111 or permission of instructor.	F - Fall S - Spring SU - Summer
GB	0321	Business Statistics I	C2	3.00		Methods of collection, analysis, interpretation, and presentation of data related to business. Topics include frequency distribution, measures of central tendency and dispersion, regression and correlation analysis, probability concepts, sampling distributions, estimation procedures, and hypothesis testing. Computer statistical packages will be utilized in analysis and application of problems. Prerequisites: MATH 125 or higher and MGMT 237 or CIS 305 or IET 205.	F - Fall S - Spring SU - Summer
GB	0322	Business Statistics II	C2	3.00		Methods of statistical analysis relating to business decision-making and research in business and economics. Emphasizes sampling theory, parametric tests of hypotheses, analysis of variance, multiple regression, non-parametric tests of hypotheses, and other selected statistical techniques. Computer statistical packages (and spreadsheet packages) will be utilized in analysis of problems. Prerequisite: GB 321.	S - Spring
GB	0337	Excel Skills for Professionals	C2	3.00		This PC-based course teaches advanced skills in Microsoft Excel. Students will have the opportunity to take the Microsoft Office Specialist Excel Expert Certification Exam. This certification is valuable as a skill set for the workplace. Students will learn basic data visualization skills. Prerequisites: MGMT 237 Using Information Systems, or, Microsoft Office Specialist Excel Associate Certification, or consent of instructor.	F - Fall S - Spring
GB	0405	Statistical Quality Control	C2	3.00		Theory and methods used in statistical quality control. Emphasizes basic statistical analysis, variables control charts, attributes control charts, interpretation of control charts, estimation of process parameters, gage capability, acceptance sampling, and service quality. Students will be encouraged to use spreadsheets to solve SPC problems. Prerequisite: GB 321 or consent of instructor.	S - Spring
GB	0415	Administration of Business and Marketing Education Programs	C2	3.00		Prepares the teacher candidate to successfully begin, expand, and continue career and technical business, marketing and information technology education programs in a middle and high school setting. Through a study of principles, techniques, and methods, this course will prepare the teacher candidate to plan, lead, organize, deliver, supervise, and evaluate a variety of community-based opportunities for student learner within a career and technical education program. Teacher candidates will also develop strategies to effectively coordinate work experiences for student learners. Extensive use of computer technology, including the internet, will be required for research and completion of course projects. For business education majors only. Taught online as part of the Missouri Alliance for Collaborative Education (MACE) agreement with Northwest Missouri State University. Must see Business Education Advisor to enroll. Prerequisite: Junior Block (EDUC 321, 329, and 423), may be taken concurrently.	F - Fall
GB	0491	Internship in General Business	C2	1.00	6.00	An internship for senior General Business students with an opportunity to observe and participate in actual business operations within the community. All internships must conform to institutional policy regarding the number of hours of work, the number of credit hours and written agreements with the cooperating business or agency. Prerequisites: 65 hours, 3.0 GPA, and department approval. Repeatable up to six credit hours. Graded credit/no credit.	D - Demand
GB	0498	Advanced Topics in General Business	C2	1.00	3.00	Special topics in General Business. For upper-division students. Topics to be announced each time the course is offered. Prerequisite: Senior standing or permission. Seminar topics offered in the past include office machines, career orientation, and human relations.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
GB	0499	Independent Study in General Business	C2	1.00	6.00	Individually directed readings, research, and discussions in selected areas of general business for advanced majors. Scope, depth, area of concentration, and credit to be arranged upon entry into course. Offered by arrangement. Prerequisites: Permission and 3.0 GPA. Repeatable up to six credit hours.	D - Demand
GB	0525	Revenue Management	C2	3.00		Focuses on strategies related to pricing and product availability decisions to maximize profitability. Analytics and models are used to solve for profit-maximizing business strategies. Topics include price optimization, price differentiation, market segmentation, and capacity allocation.	F - Fall
GB	0530	Data Visualization	C2	3.00		Provides hands-on experience in data visualization. It introduces students to design principles for creating meaningful displays of quantitative and qualitative data to facilitate managerial decision-making. Students will learn to use business intelligence tools, such as Power BI and Tableau, for creating applications and dashboards in the context of fact-based decision-making.	F - Fall
GB	0540	Business Forecasting Using Time Series Analysis	C2	3.00		Focuses on statistical and analytical tools for analyzing data that are observed sequentially over time. Students will learn time series analysis as both science and an art of making rational predictions based on previous records.	S - Spring
GB	0550	Narrative and Persuasion Using Data Analysis	C2	3.00		Outlines how to create a structured narrative using a data set. The course explores the theory and skills to present a cohesive story to field expert and non-experts. Students will learn the effective integration of business writing and visualizations.	S - Spring
GEOG	0111	World Regional Geography	C1	3.00		Survey of the peoples of the earth and how their activities are influenced by climate, topography, natural resources, and culture with class time devoted to discussion of important topical areas in each region. MOTR: GEOG 101	F - Fall S - Spring
GEOG	0120	Introduction to Physical Geography	C1	3.00		A study of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized. Prerequisite: MATH 20 with grade of "SC" or higher or higher math or math ACT of 19 or higher math ACT MOTR: GEOG 100.	F - Fall S - Spring
GEOG	0121	Introduction to Physical Geography with Lab	C1	4.00		An introductory lecture and laboratory course of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized. MATH 20 with grade of "SC" or higher or higher math or math ACT of 19 or higher math ACT. MOTR: GEOG 100L	S - Spring
GEOG	0257	Introduction to Urban Studies	C1	3.00		Introductory survey of the interdisciplinary field of urban social science which examines the scientific study of urbanization, culture, and society both in the United States and globally. MOTR#: URBN 202	F - Fall S - Spring
GEOG	0298	Topics in Geography	C1	1.00	4.00	Study and analysis of a selected topic in Geography.	D - Demand
GEOG	0302	Environment and Society	C1	3.00		An examination of environmental problems in the context of human societies from different regions of the world with a focus on their scientific bases, causes, and potential solutions. Prerequisites: junior standing or consent of instructor. Cross-listed as INTS 302.	D - Demand
GEOG	0304	Introduction to Geographic Information Systems	C1	3.00		Geographic Information Systems, GIS, involves the study of spatial (geographic) location of features on the Earth's surface and the relationships between them. The goal of this course is to introduce students to the principles of cartography and GIS as they are used to analyze spatial aspects of society and the human and physical environments. Particular attention will be focused on ecology, environmental health, and related fields Prerequisite: Junior Standing or consent of instructor. Cross-listed as BIO 304 and EH 304.	D - Demand
GEOG	0306	Introduction to Global Health	C1	3.00		Introduces students to the main concepts of the global health field and the critical links between global health and social and economic development. Students will get an overview of the principles and goals of global health, the burden of disease, and key measures to improve global health. Prerequisite: BIO 101 or higher BIO course with a grade of 'C'; or higher OR EH 101 or higher EH course with a grade of 'C' or higher AND junior standing OR consent of instructor. Cross-listed with INTS 306 and SOC 316.	F - Fall S - Spring
GEOG	0310	Human Geography	C1	3.00		This course focuses on spatial approaches to understanding the ongoing organization and reorganization of human cultural, economic, political, and urban activities at various spatial scales, such as the local context, regional context, and the international context. Prerequisite: Junior standing or consent of instructor.	D - Demand
GEOG	0311	Geopolitics in Film and Popular Culture	C1	3.00		Examines important geopolitical themes, such as: national identity, the rise of extremism, colonialism, and imperialism through various visual media. Students will compare fictional and documentary films, as well as other examples of popular culture, in order to develop a sensibility for how geopolitical constructs are shaped and reinforced by various popular media. Prerequisites: Completion of General Education Core Curriculum Requirements in Areas 1A and 1B, at least 3 hours from Area 5, and junior standing or consent of instructor.	D - Demand
GEOG	0330	Topics in Geography and Environmental Affairs	C1	3.00		Topics will vary by the specialization of instructor. This course will emphasize topics not included in existing courses. Repeatable for up to 6 credit hours as different topics. Prerequisite: junior standing OR consent of instructor AND completion of Area A and B of the General Education program.	D - Demand
GEOG	0404	Applications in Geographic Information Systems	C1	3.00		The goal of this course is to allow students to apply skills in spatial analysis to problems in social, physical, ecological, environmental health, and related areas of the social and natural sciences. Students will engage in all aspects of a GIS project with emphasis placed on employing various techniques of spatial statistics. Skills learned will range from GIS project design and data collection to the production of a written deliverable, complete with a series of digital map(s). Three lectures per week. Prerequisite: BIO/EH/GEOG 304 or content of instructor. Cross-listed as BIO 404 and EH 404.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
GEOG	0491	Internship in Geography	C1	1.00	3.00	Extensive off-campus experience providing opportunity for students to gain hands-on practice working with local governmental agencies and non-profits assisting in collecting, administering, and presenting a variety of spatial data. Site supervisor(s) will develop a contractual agreement(s) that provides specific learning experiences for the internship. Prerequisites: approval of department chair and/or faculty supervisor and grade of "C" or better in GEOG 101 plus 6 additional hours of Geography, 3 of which may be taken concurrently with the internship.	D - Demand
GEOG	0498	Advanced Topics in Geography	C1	1.00	4.00	Study and analysis of a selected topic in Geography. Prerequisite: Will be based on course demands as determined by instructor in consultation with the Department Chair. At the minimum GEOG 498 will require 3 hours of Geography and junior standing or consent of instructor.	D - Demand
GEOG	0499	Independent Study	C1	1.00	3.00	For students who wish to do an in-depth study of some specialized topic or who wish to pursue a topic not considered in the departments course offerings. The individualized project will be directed by an instructor/adviser from the geography faculty in consultation with the student. Repeatable up to six credit hours.	D - Demand
GEOL	0120	Introduction to Geology	C1	4.00		Materials of the earth, structures and geologic features of the surface in relation to the processes and forces producing them. Laboratory study of minerals and rocks and topographic and geologic maps. Additional one-day field trips may be required. Three lectures, one three-hr. lab per week. Prerequisite: MATH 20 or higher level math or Math ACT of 19 or higher. MOTR: GEOL 100L	F - Fall S - Spring
GEOL	0211	Fundamentals of Earth and Space Science	C1	4.00		Materials of the earth, geologic features and landscapes of the earth's surface in relation to the processes producing them; interrelationships between geologic processes and the earth's atmosphere and oceans; geologic description of the solar system; basic concepts in astronomy and meteorology. Laboratory study of rocks and minerals, landscape features as revealed in maps and stereo photos, weather maps, and data, astronomical observations and earth-sun-solar system interrelationships. One-day field trips and some night-time astronomical observations may be required. This course is designed primarily for students specializing in elementary education. Prerequisite: PHYS 120 or PHYS 121, or consent of instructor. Three lectures and one 3-hr laboratory per week.	F - Fall S - Spring SU - Summer
GOLD	0100	Introduction to Unit Leadership	C1	3.00		Introduces students to foundations of the U.S. Army and the Show-Me GOLD Program. Students learn how critical thinking, time management, goal setting, and communication are critical to effective leadership. This course also provides a basic understanding of map reading, land navigation, Troop Leading Procedures, and Operations Orders. Learning Objectives are reinforced during drill weekends in a hands-on performance-oriented environment. Prerequisite: none.	F - Fall
GOLD	0101	Introduction to Tactical Leadership	C1	3.00		Introduces students to foundations of the U.S. Army and the Show-Me GOLD Program. Students learn how critical thinking, time management, goal setting, and communication are critical to effective leadership. This course also provides a basic understanding of tactics, Troop Leading Procedures, and Operations Orders. Learning Objectives are reinforced during drill weekends in a hands-on performance-oriented environment. Prerequisite: none.	S - Spring
GOLD	0201	Intermediate Unit Leadership	C1	3.00		provides an in depth examination of map reading and land navigation. It also explains how to convey a plan via an Operations Order. It also explores communication techniques including military correspondence, verbal and nonverbal communication, and team development. Students will examine what it means to be a professional in the U.S. Army in regards to leadership and ethics. Learning Objectives are reinforced during drill weekends in a hands-on performance-oriented environment. Prerequisites: GOLD 0102 or Experiential Learning Credit (Current Army National Guard or previous Active Duty Army may qualify for experiential learning).	F - Fall
GOLD	0202	Intermediate Tactical Leadership	C1	3.00		Provides an in-depth examination of thorough planning utilizing the Troop Leading Procedures and backwards planning. It also explores how to convey a plan via an Operations Order. It also explains the fundamentals of offensive operations. Learning Objectives are reinforced during drill weekends in a hands-on performance-oriented environment. Prerequisites: GOLD 0201 or Experiential Learning Credit (Current Army National Guard or previous Active Duty Army may qualify for experiential learning).	S - Spring
GOLD	0230	Military History	C1	3.00		Explores the military history of the United States of America. Students will analyze the value of military history the principles of war on modern and future battlefields. Students will also explore the strategy, tactics, and technologies from the Revolutionary War to Operations Iraqi and Enduring Freedom. Prerequisites: None	F - Fall
GOLD	0298	Topics in Military Science	C1	3.00		Designed to give instruction in some area of Military Science not covered in other courses. Course provides a study of Military Leadership through a focused analysis of a particular military leader, using the Army Leadership Requirements Model, assigned readings, forum discussions and a final paper. The topic or area of interest varies from year to year. Prerequisites: GOLD 101 and/or consent of the instructor.	D - Demand
GOLD	0301	Advanced Unit Leadership	C1	3.00		Explores advanced leadership at the unit level. Topics include Risk Management, Military Problem Solving, Troop Leading Procedures, Backwards Planning, Operations Orders, Communication Techniques, Team Development, and Ethics. Learning Objectives are reinforced during drill weekends in a hands-on performance-oriented environment. Prerequisites: GOLD 0202 or Experiential Learning credit (Current Army National Guard or previous Active Duty Army may qualify for experiential learning).	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
GOLD	0302	Advanced Tactical Leadership	C1	3.00		Explores advanced level tactical operations and how leaders can apply their traits and attributes to achieve their mission. Tactical operations topics include the offense, the defense, stability operations, and defense support to civil authorities. This course also heavily emphasizes military history and military justice processes. Learning Objectives are reinforced during drill weekends in a hands-on performance-oriented environment. Prerequisites: GOLD 301 or Experiential Learning credit (Current Army National Guard or previous Active Duty Army may qualify for experiential learning).	S - Spring
GOLD	0401	Platoon Leadership	C1	3.00		Highlights the multiple dimensions of Platoon Leader responsibilities to include proper roles and responsibilities, practical risk management, Army evaluations, personal career management, and the Army communications and coordination processes. It explores the Army Inspection programs and explains how to properly manage and conduct inventories as a Platoon Leader. It also analyzes conducting investigations. Learning Objectives are reinforced during drill weekends in a hands-on performance-oriented environment. Prerequisites: GOLD 302 or Experiential Learning credit (Current Army National Guard or previous Active Duty Army may qualify for experiential learning).	F - Fall
GOLD	0402	Company and Staff Leadership	C1	3.00		Highlights the multiple dimensions of Company and Staff level leader responsibilities. It will introduce students to Army systems, their capabilities, and how to apply their use to the Army Training Management Process. It will also provide a deep exploration of the Military Decision Making Process. Learning Objectives are reinforced during drill weekends in a hands-on performance-oriented environment. Prerequisites: GOLD 401 or Experiential Learning credit (Current Army National Guard or previous Active Duty Army may qualify for experiential learning).	S - Spring
GOLD	0491	Internship in Military Science	C1	1.00	3.00	This course is intended to provide the student with "real-world professional" experience as a Full Time Staff member of the Missouri Army National Guard by working with the Show-Me GOLD program and other local units. All internships must conform to institutional policy regarding the number of hours of work, the number of credit hours and written agreements with the cooperating business or agency. Students interested in pursuing an internship must start the application process the semester before they intend to work. Prerequisite: 60 hours, 3.0 GPA minimum, and department approval. Repeatable up to six credit hours.	D - Demand
GOLD	0498	Advanced Topics in Military Science	C1	3.00		Designed to give advanced instruction in some area of Military Science not covered in other courses. Course provides a study of Military Leadership through a focused analysis of a particular military leader, using the Army Leadership Requirements Model, assigned readings, forum discussions and a final paper. The topic or area of interest varies from year to year. Prerequisites: GOLD 101, GOLD 201, GOLD 202 and GOLD 298 and/or consent of the instructor.	D - Demand
GOLD	0499	Independent Study in Military Science	C1	1.00	3.00	Under faculty supervision, the student will perform in-depth research and report on a specific topic from the field of Military Science that has not been covered sufficiently in a current course. Prerequisites: Upper division standing with an overall GPA of 3.0 or above.	D - Demand
HIST	0110	United States History 1492-1877	C1	3.00		Survey of the United States from colonial times to 1877. Meets the General Education requirement for all majors. Prerequisite: 17 or higher on the ACT Reading section or 15 hours completed with a GPA of 2.5 or higher. MOTR: HIST 101	F - Fall S - Spring
HIST	0120	United States History 1877 to Present	C1	3.00		Survey of the economic, social, and political development of the United States from 1877 to the present. Meets the General Education requirement for all majors. Prerequisite: 17 or higher on the ACT Reading section or 15 hours completed with a GPA of 2.5 or higher. MOTR: HIST 102	F - Fall S - Spring
HIST	0130	Western Civilization to 1500	C1	3.00		Survey of the development of Western Civilization from its origins through the Renaissance. May be used to meet the Core 42 requirement in Area 5A or 5C. MOTR: WCIV 101	F - Fall S - Spring
HIST	0140	Western Civilization since 1500	C1	3.00		Survey of Western societies from the age of exploration to the retreat of European colonialism. Major emphasis on the development of the nation-state, the impact of industrialization and revolutions, European imperialism, and the two world wars. May be used to meet the Core 42 requirement in Area 5A or 5C. MOTR: WCIV 102	F - Fall S - Spring
HIST	0150	Asian Civilizations	C1	3.00		Introductory survey of the history and culture of traditional and modern Asia, focusing on the distinctive culture areas of monsoonal Asia, i.e., South, Southeast, and East Asia. Some attention will also be given to Asian culture areas outside this zone.	F - Fall
HIST	0160	History of Latin America	C1	3.00		Historical overview of Latin America, from the Spanish and Portuguese to the present day, by examining the major themes and events in the region. Particular emphasis will be placed on the Indian and African background of Latin American history and the ways in which these groups helped shape Latin American society. Topics covered will include the conquest of Latin America, Spanish administration, the independence movements of the nineteenth century, nation building, and revolutionary movements of the twentieth century. MOTR #: OCIV 101	F - Fall
HIST	0180	Modern Global History; 1450-Present	C1	3.00		Developments within the major world civilizations over the last six hundred years, with a special focus on the ways in which different world regions have come into contact with one another. Important topics include changes in the global balance of power, the impact of new technologies, changes in political and religious outlook, the impact of revolutions & world wars, movement and exchange of human populations, and the diffusion and exchange of biological species. MOTR: HIST 202	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
HIST	0201	Introduction to Historical Research	C1	3.00		A formal introduction to the discipline of history and the skills needed for studying it. Emphases include basic research techniques, critical reading of primary and secondary sources, and the recommended styles and strategies for writing research papers. Required of all History B.A. and all Social Studies (History emphasis) B.S.E. majors as a prerequisite for upper-division History courses. Prerequisite: HIST 110 or 120 or 130 or 140.	F - Fall S - Spring
HIST	0202	Introduction to Public History	C1	3.00		This course provides an introduction to the ways history is conceptualized and presented outside of the classroom: in libraries, museums, national parks, theme parks, films, and on the internet. Special emphases will include an introduction to the various professions of the field, the historical thought-processes required to interpret the past for the public, and the unique challenges public historians face as they balance competing debates about how the past should be preserved and remembered. Prerequisite: any 100 level History course.	FO - Fall-Odd
HIST	0210	Introduction to African-American History I	C1	3.00		Survey of the African-American history in the United States from colonial times through the late nineteenth century. Meets the General Education requirement for all majors. MOTR # HIST 101AA Prerequisite: 17 or higher on the ACT Reading section or 15 hours completed with a GPA of 2.5 or higher..	
HIST	0217	Middle Eastern History	C1	3.00			D - Demand
HIST	0220	Introduction to African-American History II	C1	3.00		Survey of the African-American history in the United States from the late nineteenth century to the present. Meets the General Education requirement for all majors. MOTR #: 102AA Prerequisite: 17 or higher on the ACT Reading section or 15 hours completed with a GPA of 2.5 or higher.	F - Fall S - Spring
HIST	0298	Topics in History	C1	1.00	3.00	Special historical topics are examined. Students are encouraged to submit areas of personal interest to guide in the selection of the topics.	D - Demand
HIST	0301	Food Culture and Exchange in World History	C1	3.00		An examination of how changes in methods of procuring, producing, distributing, and consuming food have shaped world history. Special emphases include: how the need for food has shaped societies, how new foods have transformed societies and relations between societies, how foodways change over time, and how new eating choices impact society. Prerequisite: Any History course at the 100-level.	FE - Fall-Even
HIST	0303	Contemporary World Civilizations	C1	3.00		A systematic and comparative introduction to the contemporary history of major world civilizations, with a special emphasis on historical developments that have influenced more than one civilization or cultural region. Required of international studies majors; open to all others. Prerequisite: 3 hours of history.	S - Spring
HIST	0313	East Asian Civilizations I	C1	3.00		Survey of the history of pre-modern East Asia to 1600, focusing particularly on China, Japan, and to a lesser extent, Korea. Course will emphasize the development of East Asian cultures, societies, and political structures and will use a comparative analysis in seeking to understand the history of the region. Prerequisite: HIST 150.	D - Demand
HIST	0314	East Asian Civilizations II	C1	3.00		Survey of the history of modern East Asia from 1600, focusing particularly on China, Japan, and to a lesser extent, Korea. Course will emphasize the impact of the West and the problems of modern development, using a comparative analysis in seeking to understand the history of the region. Prerequisite: HIST 150.	D - Demand
HIST	0316	South Asian Civilizations	C1	3.00		Survey of the history of South Asia from prehistoric times to the present. Course will emphasize the development of South Asian cultures, societies, and political structures. Prerequisite: HIST 150.	D - Demand
HIST	0317	Middle Eastern History	C1	3.00			D - Demand
HIST	0320	The Civil Rights Movement	C1	3.00		A study of the African-American struggle for civil rights. While surveying the period from the end of Reconstruction to the present day, this course will focus primarily on events from 1954-1968. Prerequisite: HIST 120.	D - Demand
HIST	0325	The American West	C1	3.00		Explores the conquest of the American West by Spanish, French, and American settlers and its effects on the native inhabitants of the region. The development of the mythic west will also be examined. Prerequisite: HIST 110 or 120.	D - Demand
HIST	0332	World War II	C1	3.00		An in-depth study of the American experience during World War II. Prerequisite: HIST 120.	SE - Spring-Even
HIST	0342	Latin American Revolutions	C1	3.00		Latin American Revolutions addresses the causes and consequences of 20th century uprisings in Bolivia, Mexico, Cuba, Guatemala, Nicaragua, El Salvador, Chile, and Columbia. Emphasis will be placed on the tactics and personalities of revolutionary leaders as well as the needs and reactions of their supporters. Prerequisite: HIST 160.	D - Demand
HIST	0343	The U.S. and the Cold War	C1	3.00		A study of the 20th century struggle for global influence between the United States and the Soviet Union. Prerequisite: HIST 120.	FE - Fall-Even
HIST	0344	America in Vietnam	C1	3.00		A political, diplomatic, military, and social study of the U.S. involvement in Vietnam from 1945 to 1975. Prerequisite: HIST 120.	SO - Spring-Odd
HIST	0345	Age of Jefferson and Jackson	C1	3.00		Early political development in the United States. Evolution of the presidency over the first years of the new government, the triumph of Jeffersonian ideas, social trends, and the rise of nationalism. Prerequisite: HIST 110 or 120.	FE - Fall-Even
HIST	0350	Civil War and Reconstruction	C1	3.00		Causes of the Civil War, slavery, and reform movements before the Civil War. Traces the development of reconstruction and political developments of the era. Prerequisite: HIST 110 or 120.	SO - Spring-Odd
HIST	0353	The Gilded Age and Progressive Era	C1	3.00		A study of political, economic, social and cultural trends in the United States from the end of Reconstruction up to the Great Depression. U.S. foreign relations, including participation in the Spanish American War and World War I will also be considered. Prerequisite: HIST 120.	D - Demand
HIST	0360	History of Missouri	C1	3.00		Missouri's growth from its early settlement to the present. Emphasis on political, economic, institutional, and social development. Prerequisite: HIST 110 or 120.	D - Demand
HIST	0365	Colonial North America	C1	3.00		Discovery, conquest, and development from 1492-1781. The imperial struggles between Spain, France, England, and various Native Americans will be emphasized, along with the social, cultural, and economic growth of the European colonies. Prerequisite: HIST 110 or 120.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
HIST	0369	Nineteenth Century Europe	C1	3.00		A survey of the major alterations of European society during the nineteenth century. Emphasis on industrialization, imperialism, revolutions, rise of socialism/communism, middle-class liberal capitalism, and individual national events. HIST 130 or 140 recommended before taking this class.	D - Demand
HIST	0370	Twentieth Century Europe	C1	3.00		A survey approach with emphasis on World Wars I and II, the League of Nations, the United Nations, totalitarian systems, and current European/world problems. HIST 130 or 140 recommended before taking this class.	D - Demand
HIST	0371	The Holocaust	C1	3.00		An examination of the destruction of the European Jews from 1933 to 1945, with special attention to the social, political, and scientific context of the Holocaust. Special attention to European anti-Semitism, the rise of German Nazism, the development of a policy of mass murder, and the operation of ghettos and death camps. HIST 130 or 140 recommended before taking this class.	D - Demand
HIST	0380	British History Since 1660	C1	3.00		British peoples and institutions from the Restoration to the present. Emphasis on the development of Parliamentary government, the rise and fall of the world's first industrial economy, life among various social classes, and changes in Britain's role as a European and global power. Prerequisite: HIST 130 or 140.	D - Demand
HIST	0390	History of Germany	C1	3.00		Social, political, military, and economic history of Germany, with major concentration on the post-1519 period. Emphasis on the decline of the Medieval Empire, princely absolutism, national unification, Weimar Republic, Third Reich, and post World War II. HIST 130 or 140 recommended before taking this class.	D - Demand
HIST	0395	Reacting to the Past	C1	3.00		Structured around simulations called Reacting to the Past (RTTP). RTTP consists of elaborate games set in the past, in which students are assigned roles informed by classic texts in the history of ideas. During each of these four games students will adopt the role of an individual or interest group involved in the event each game is centered around. To play these games, students need to construct arguments from the provided texts and then support their positions through reasoned, sometimes impassioned, writing and speeches. As they take control of an unfolding historical drama and struggle for their characters to prevail, they will become deeply engaged, both intellectually and emotionally, with the subject matter. The games selected will come from geographically and chronologically diverse periods. Satisfies an upper-level Global History requirement, is intended to give students a broad view of significant historical events while teaching them to research, analyze, and interpret history in unique and impactful ways. Prerequisite: HIST 110, 120, 130 or 140.	F - Fall
HIST	0404	Topics in the History of Gender and Sexuality	C1	3.00		Selected topics in the historical experiences of people related to their gender and/or sexuality. This course will always include a global element – whether it be comparative or specially focused on a geographic area outside of North America.	SE - Spring-Even
HIST	0409	Seminar Early American History	C1	3.00		In-depth study of a narrowly focused topic in American History chosen from colonial times to 1877. Topics will be chosen by the faculty in American History. This course may be retaken with a different topic for a maximum of six credit hours. Prerequisite: HIST 120.	D - Demand
HIST	0410	Seminar in Modern American History	C1	3.00		In-depth study of a narrowly focused topic in American History chosen from the time period 1877 to the present. Topics will be chosen by the faculty in American History. This course may be retaken with a different topic for a maximum of six credit hours. Prerequisite: HIST 120.	D - Demand
HIST	0415	Topics in Black History	C1	3.00		Understanding African American history is indispensable for understanding American history. This is true because African Americans have made extraordinary contributions to American culture and society, including but not limited to, social movements to achieve full participation in that society.	F - Fall
HIST	0430	Modern Europe History Seminar	C1	3.00		Focuses on selected topics from Modern European History (1789-present). The course follows a seminar structure. Every week, students will read a selection of texts related to the semester's specified topic/theme, which they will discuss during class meetings. Prerequisites: HIST 140.	F - Fall
HIST	0435	The Era of the French Revolution and Napoleon	C1	3.00		An examination and analysis of events in France and their impact on Europe from 1789 to 1815. Interplay of ideas and people and the quest for a political settlement under a constitutional monarchy, republic, and empire. Prerequisite: HIST 130 or 140.	D - Demand
HIST	0440	European Intellectual History	C1	3.00		Intellectual, cultural, and social developments in Europe from the Italian Renaissance to the present. Examination of the rise of scientific thought, the Enlightenment, Romanticism, nationalism, political ideologies, social reforms, and existentialism. HIST 130 or 140 recommended before taking this course.	D - Demand
HIST	0474	Colonial Latin America	C1	3.00		Colonial Latin America will provide a historical overview of Latin American from the Spanish and Portuguese conquest until independence in the 1820s, by examining the major themes and events in the region. Particular emphasis will be placed on the Indian background to Latin American history and the ways the natives helped shape Latin American society. Topics covered will include the conquest of Latin America, imperial rivalries, Spanish administration, Indian labor, and the independence movements of the 19th century. Prerequisite: HIST 130 or 140.	D - Demand
HIST	0475	Modern Latin America	C1	3.00		Historical overview of Latin America since independence, examining major themes, events, and issues in the region. Particular emphasis on ways in which Latin American peoples have struggled to resist, adapt, and take advantage of the social forces influencing their nations' urbanization, populism, social revolution, development, peasant rebellion, the position of women in society, and the Church. Prerequisite: HIST 130 or 140.	D - Demand
HIST	0476	Latin American History Seminar	C1	3.00		Focuses on selected topics from Latin American History (1492-present), focusing primarily on the Modern era (post-ca. 1800). As a seminar, each week students will read a variety of texts (including journal articles, primary sources, and monographs) on a specific theme (such as indigenous peoples, frontier expansion/administration, Latin American-U.S. relations, and others). Class time will be devoted to discussion and analysis of those texts, and students will regularly take the lead in guiding discussion. Prerequisite: HIST 160.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
HIST	0480	Public Perceptions of the Past	C1	3.00		Covers selected topics in the way the past is remembered and interpreted by the modern public. Students will learn how various factors, such as nationalism, regionalism, political culture, debates over public education, and other contemporary events shape the way publics remember the past and use it to facilitate the creation of their community identity. HIST 202 is recommended before taking this class. Prerequisites: Any 100 level HIST course or consent of instructor.	D - Demand
HIST	0483	Archival Collections & Methods	C1	3.00		Serves as an introduction to the field of archives and records management. Students will learn the history of archives as a profession, core archival principles and methodologies, as well as the practical application of those principles and methodologies in modern archives. HIST 202 is recommended before taking this class. Prerequisites: Any 100 level HIST course or consent of instructor.	S - Spring
HIST	0488	History of Nutrition, Wellness, and the Social Determinants of Health: A Lion Co-op Experiential	C1	3.00		Provides students with a historical evolution of the concepts of nutrition and wellness, as well as the social determinants of health. Students will explore how Americans' understanding of what it means to be well has changed over time and how it is often intertwined with cultural values such as class, race, gender, and religion. Ultimately, students will explore how these concepts of wellness inform responses to the problem of food insecurity in American society and in the Four States region. Because this is a Lion Co-op Experiential Learning course, it will also provide students with community engagement and service learning opportunities in a non-profit setting.	
HIST	0490	Professional Seminar	C1	1.00		For senior History BS and BA majors (and interested BSE E26 and E27 majors). As summative component of the degree, this course requires students to revise previous research into a professional presentation, complete professional development assignments, complete senior assessment and survey, and meet weekly with other History majors to discuss important issues in professional development in the discipline. In addition, students will be provided with opportunities to work with faculty to define and achieve career goals in History. Prerequisites: HIST 201 or HIST 202 and senior standing major in HI00, HI01, ES26, or ES 27.	
HIST	0491	Internship in History	C1	1.00	8.00	Practical, professional training in archival skills and museum management in an area historical museum, archival institution or historic site, under the supervision of a faculty member and a professional from the participating institution. No more than three hours may be counted toward a major or minor. Prerequisite: Junior standing or above and departmental approval. Repeatable up to eight credit hours.	D - Demand
HIST	0492	Research Internship in History	C1	1.00	3.00	Student arranges with a professor to participate in independent research related to an on-going research project grounded in the historical discipline. Prerequisites: HIST 201 and consent of professor.	D - Demand
HIST	0493	History Certificate Exit Exam	C1	0.00		An exit exam for all the HIST and related certificates. Prerequisites: open only to students enrolled in a certificate affiliated with the HIST program, with department chair approval.	
HIST	0497	Seminar in Historical Research	C1	3.00		Topics pertaining to an era or historical problem of special interest to the instructor and students. Emphasis on student's ability to research, assimilate, and present new areas of knowledge. Prerequisite: Junior standing, HIST 201, ENG 102, and 6 hours upper-division history.	F - Fall
HIST	0498	Advanced Topics in History	C1	1.00	3.00	Advanced topics not covered in other history offerings. Emphasis on student's ability to research, assimilate, and present new areas of knowledge. Prerequisite: Junior or Senior status.	D - Demand
HIST	0499	Independent Study	C1	1.00	3.00	Individualized project directed by the instructor/adviser with approval of department head, and school dean. Advanced standing in the major field and a minimum GPA of 3.0 are required. Repeatable up to six credit hours.	D - Demand
HNRS	0101	Honors Forum	MI	2.00		An open and interdisciplinary forum to introduce first-year Honors students to the principles and practices of scholarly inquiry and active learning. Students will read a variety of texts concerning personal and academic challenges inherent in a college environment. In doing so, they will define themselves both as students and as individuals while becoming active participants in the MSSU community and as citizens of a twenty-first century global community.	F - Fall S - Spring
HNRS	0201	Service Learning	MI	1.00	4.00	By engaging the Honors Scholar as a volunteer in an unfamiliar, public service-oriented institution, this course experience is designed to expose the student to the concepts of self and cognitive awareness and to lead the student through a critical analysis of the dominant paradigms of thought encountered during the service.	F - Fall S - Spring
HNRS	0298	Special Topics	MI	1.00	3.00	An interdisciplinary Honors course. Topics to be announced each time the course is offered and approved by the Honors Director. Emphasis on discussion, group activities and projects. Prerequisite: HNRS 101.	D - Demand
HNRS	0390	Honors International Study	MI	3.00		A directed reflective analysis of an international study experience in either a domestic or foreign culture wherein the Honors Scholar is engaged in service and/or learning which requires an understanding of the world views and principal paradigms which shape that culture. The course is designed to equip the student to articulate with maturity and sophistication the values of a service and/or learning experience in a foreign culture. Prerequisite: Approved international study experience prior to course.	F - Fall S - Spring
HNRS	0400	Research Seminar	MI	3.00		Introduces Honors students to a wide range of research practices and methodologies in order to prepare them for their senior thesis projects. Students will be exposed to the language of research; ethical principles and challenges; the elements of the research process; research design; and a combination of quantitative, qualitative, and mixed methods approaches. Prerequisites: sophomore standing, good standing in the MSSU Honors Program.	F - Fall S - Spring
HNRS	0490	Senior Portfolio	MI	1.00		Students will meet regularly with Honor Program faculty to assess their progress toward completing their Honors thesis projects and meeting the terms of the Honors contract they signed with their faculty mentor. Prerequisites: junior or senior standing, good standing in the MSSU Honors Program..	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
HNRS	0495	Honors Seminar	MI	3.00		Intensive seminar course for upper-division Honors students, culminating in a substantial research paper. Topics to be announced each time the course is offered and approved by Honors Director. Prerequisite: HNRS 101 and 201. Honors 495 may be repeated once for credit when topic varies.	D - Demand F - Fall S - Spring
HNRS	0498	Advanced Special Topics	MI	1.00	3.00	An Honors course for upper-division Honors students. Topics to be announced each time the course is offered. Prerequisite: Honors 101 and Honors 201.	D - Demand
HNRS	0499	Independent Study	MI	1.00	3.00	Course structured by the instructor with approval of the Director of the Honors Program. Prerequisite: member in good standing of the Honors Program. Registration must be approved by the student's advisor, department head, and school dean.	F - Fall S - Spring SU - Summer
HS	0101	Introduction to Health Professions	C3	1.00		An introductory course to inform students contemplating a career in health care on the issues affecting the delivery of healthcare, the roles of various members of the health care system, and the educational and licensure requirements. One hour lecture.	F - Fall S - Spring
HS	0102	CPR/AED Training	C3	1.00		Designed to teach students how and when to provide cardiopulmonary resuscitation (CPR), and automated external defibrillation (AED) in safe, timely, and effective manner. Content presented in this course will follow American Heart Association Guidelines. Prerequisite: none,	F - Fall S - Spring SU - Summer
HS	0103	First Aid CPR/AED Training	C3	1.00		Designed to teach students how and when to provide first aid, cardiopulmonary resuscitation (CPR), and automated external defibrillation (AED) in safe, timely, and effective manner. Content presented in this course will follow American Heart Association guidelines. Prerequisite: none.	F - Fall S - Spring SU - Summer
HS	0104	Advanced Cardiac Life Support	C3	1.00		ACLS builds on the foundation of lifesaving basic life support (BLS) skills, emphasizing the importance of continuous, high-quality CPR. This advanced course highlights the importance of high-performance team dynamics and communications, systems of care, recognition and intervention of cardiopulmonary arrest, immediate post-cardiac arrest, acute dysrhythmia, stroke, and acute coronary syndromes (ACS). Content provided in this course will follow American Heart Association guidelines. Prerequisite: HS 102 or HS 103 or current AHA BLS card.	F - Fall S - Spring SU - Summer
HS	0105	Pediatric Advanced Life Support	C3	1.00		The goal of the PALS course is to improve the quality of care provided to seriously ill or injured children, resulting in improved outcomes. The PALS course uses a series of videos and simulated pediatric emergencies to reinforce the important concepts of a systematic approach to pediatric assessment, basic life support, PALS treatment algorithms, effective resuscitation, and team dynamics. Curriculum in this course will follow American Heart Association guidelines. Prerequisite: HS 102 or HS 103 or current AHA BLS card.	F - Fall S - Spring SU - Summer
HS	0106	Trauma Life Support	C3	1.00		Traumatic injuries make up a considerable number of health care situations. This course is designed in a lecture, skill and scenario with the intent of the students to gain knowledge, understanding, practical skills and critical thinking opportunities to utilize the information learned in practical applications. Prerequisite: EMS department approval required and HS 102 or HS 103 or current CPR.	F - Fall S - Spring SU - Summer
HS	0107	Pediatric Education for Pre-hospital Professionals	C3	1.00		Comprehensive training course designed to provide the foundational education, skills and confidence to efficiently and effectively care for the pediatric patients in the pre-hospital setting. Prerequisites: EMS department approval required and HS 102 or HS 103 or current CPR.	F - Fall S - Spring SU - Summer
HS	0108	Advanced Medical Life Support	C3	1.00		Designed to teach students to manage the most common pre-hospital medical conditions by offering a systematic. "Think outside of the box" methodology. By offering a differential diagnosis based assessment provides providers a more diagnostic based approach to quickly develop the most appropriate treatment plans. Prerequisite: EMS department approval required, HS 104, and HS 102 or HS 103.	F - Fall S - Spring SU - Summer
HS	0109	Advanced Cardiac Life Support for Experienced Providers	C3	1.00		The goal of the classroom-based, instructor-led ACLS EP course is to improve outcomes in complex cardiovascular, respiratory, and other emergencies (e.g., metabolic or toxicologic) by expanding on core ACLS guidelines and encouraging critical thinking and decision-making strategies. Through instruction and active participation in case-based scenarios, learners enhance their skills in the differential diagnosis and treatment of pre-arrest, arrest, and post-arrest patients. The ACLS EP course is intended for those who must respond to cardiovascular emergencies and special resuscitation situations in the workplace, and who are mandated to have the highest level of training in order to perform their jobs. Prerequisites: EMS department approval required and HS 104 and HS 102 or HS 103 or current AHA ACLS card.	F - Fall S - Spring SU - Summer
HS	0110	Introduction to Health Science	C3	3.00		Introduces Missouri Southern CAPS students to health science careers and the role of a health care professional. Components of the course include a Health Sciences learning community, freshman orientation (UE 100 course), and CPR integration for clinical participation. Meets the UE 100 requirement at MSSU and CPR for health care professionals. Restricted to students in the Missouri Southern CAPS program.	
HS	0111	Medical Terminology	C3	3.00		The language of medicine, especially as related to radiology, through a comprehensive study of the more common medical roots, prefixes and suffixes. Relates medical roots to everyday English words. A survey of medical diseases and surgical terms is included. This particular course is recommended for pre-radiology students. Three hours lecture per week. Cross-listed as RAD 111.	F - Fall S - Spring SU - Summer
HS	0112	Introduction to Electrocardiography (ECG) Interpretation	C3	1.00		The goal of the classroom-based, instructor-led ECG course is to improve outcomes in complex cardiovascular emergencies through the understanding of ECG's what an ECG means in actual cardiovascular function and encouraging critical thinking and decision-making strategies. This course is intended for those who must respond to cardiovascular emergencies and special resuscitation situations in the workplace, and who are mandated to have the highest level of training in order to perform their jobs. Prerequisites: EMS department approval required and HS 102 or HS 103 or AHA/Red Cross CPR.	F - Fall S - Spring SU - Summer

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
HS	0115	CAPS Health Science Industry Partner Experience	C3	1.00		Introduces Missouri Southern CAPS students to health science careers and the role of a health care professional. The Health Sciences Industry Partner Experience is a course which will help the student discern their interest in the healthcare profession and guide them towards the right specialty. The first few weeks establishes a base of understanding HIPAA, hospital standards and procedures, OSHA regulations and basic medical terminology. Professional skills will be introduced throughout the semester. The remainder of the semester is spent observing professionals in a variety of work settings including hospitals, clinics, pharmacies, labs, and other healthcare facilities. Prerequisite: Admission to the Missouri Southern CAPS program.	
HS	0210	Success in Health Profession Programs	C3	1.00		This is an introductory course to assist students in preparing to be successful in one of the health profession majors. The course will help students develop their critical thinking, problem solving and the test taking skills necessary to succeed in these programs. Students learn to assess their own character and skills in preparation for entering a health career program.	S - Spring SU - Summer
HS	0222	Entry Into Practice Credentialing	C3	3.00	9.00	Healthcare professionals demonstrate competence following the completion of an accredited professional program through the attainment of credentials for entry into practice. Achievement of the qualification(s) requires additional preparation beyond the classroom and passing a board-administered examination. This course awards credit for achieved entry-into-practice credentials. Prerequisites: Earned degree in a healthcare field (Respiratory Therapy, Radiology, Dental Hygiene, and Paramedicine).	
HS	0298	Topics in Health Sciences	C3	0.50	4.00	Designed to give instruction in the area of Health Sciences not currently covered in existing courses. Prerequisites to be determined by the department.	D - Demand
HS	0305	Intercultural Communication	C3	3.00		Analysis of variables influencing communication among peoples from different cultures. Emphasis on developing interpersonal skills needed in multicultural encounters. Prerequisite: COMM 100. Cross-listed as COMM 305.	F - Fall S - Spring SU - Summer
HS	0310	The Patient Experience	C3	2.00		This course is a study of the patient experience in healthcare. It examines the role of healthcare workers and organizations in creating the experience, interactions between healthcare workers and patients involved in the experience, patient perceptions of the experience, and the importance of the patient experience across the continuum of healthcare. Prerequisite: Junior or Senior standing.	F - Fall
HS	0312	Biomedical Ethics	C3	3.00		A comprehensive investigation of ethical problems relating to health care and the practice of medicine, including study of such issues as euthanasia and the right to die, abortion, confidentiality, patient rights and professional responsibilities, allocation of medical resources, and medical experimentation. Prerequisites: ENG 101 and 102 or ENG 111. Cross-listed as PHIL 312.	F - Fall S - Spring SU - Summer
HS	0315	Managed Care/Population Health	C3	2.00		Presents the concepts of Population Health and Managed Care. The shifting healthcare model in the United States is explored. The expected changes and outcomes associated with a community-based healthcare model focused on managing health in a population as opposed to treating illness is presented. The course is intended to: 1. Provide the student with knowledge and vision to understand the changing direction of healthcare in the United States, 2. Enable the student to understand opportunities and challenges for new "Managed Care" and "Population Health" concepts, of the future, and 3. Motivate the student to develop and explore opinions, ideas, and strategies for success in a shifting healthcare environment.	S - Spring
HS	0340	Theory & Practice Teaching Health Science	C3	3.00		Provide the methodological basis for making pedagogical decisions concerning lesson design and presentation. Microteaching provides an opportunity to practice methods and techniques for teaching. Short teaching episodes are prepared, taught, and analyzed via video-tape. The basic concern is with the demonstration of effective teaching skills as enumerated in the outline.	D - Demand
HS	0350	Fundamentals of Organizational Management	C3	3.00		A study of the fundamentals and functions of organizational management including planning, decision making, organization, leading, and controlling from individual and group behavior perspectives. Prerequisites: Junior standing and ENG 101/102 or equivalent. Cross-listed as MGMT 350.	F - Fall S - Spring SU - Summer
HS	0355	Healthcare Quality and Patient Safety	C3	3.00		A study of Healthcare Quality Management, Patient Safety, Healthcare Risk Management, and Healthcare Governance. The course focuses on Quality Management and Patient Safety in healthcare organizations and builds on content learned in MGMT 0354 "Quality Management" and HS 0360 "Health Policy". It emphasizes unique aspects of Quality Management in healthcare including accreditation and regulation. It explores the relationship of quality and patient safety with Risk Management and Governance in healthcare; and, the scope, role, purpose, and function of Risk Management and Governance in healthcare organizations. Prerequisites: MGMT 0354 and HS 0360 or Department Chair permission.	F - Fall
HS	0360	Health Policy	C3	3.00		A study of how policy and law create and shape the structure within which health care and public health exist and operate in our society; and the many ways health policy impacts the health of individuals, populations, and society. Prerequisites: Junior standing or permission of department.	F - Fall S - Spring
HS	0365	Health Communication	C3	3.00		The field and study of health communication is vast and at times ambiguous. This course will examine the multitude and dimensions of what is health communication and provide students with the opportunity to define health communication. A review of health communication through an examination of theoretical frameworks, communication techniques and technologies that promote the health of individuals, communities, and populations will be used to provide students with a working knowledge of the importance and influence of communicating health. Additionally, this course will look at how health messages are created and how they influence us as they appear in our lives, from media as well as from relationships with others, both personal and otherwise. Prerequisite: COMM 100 Cross-listed as COMM 365.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
HS	0370	Environmental Health and Safety	C3	3.00		A survey of environmental health and safety issues, problems and protection measures, including public health disease prevention, injury prevention and environmental health hazard mitigation. Three hours of lectures per week. Prerequisite: BIO 101 or higher or EH 107 or higher. A chemistry course is recommended. Cross-listed as BIO 370 and EH 370.	F - Fall S - Spring SU - Summer
HS	0380	Epidemiology	C3	3.00		Introduction to the concepts, principles, and methods generally useful in the surveillance, description, analysis and investigation of disease outbreaks. Three hours of lecture per week. Prerequisites: BIO 101 or higher or EH 107 or higher. Cross-listed as EH 380 and HS 380.	F - Fall S - Spring
HS	0390	Health Care Systems	C3	3.00		This course incorporates a discussion of the three major health care systems that have evolved in the United States, the impact of diseases on systems development, how financing has influenced the structure, and effect on access to care. Three lecture hours a week. Prerequisites: ECON 101 or 180, PSC 120, PSY 100, or SOC 110.	F - Fall S - Spring SU - Summer
HS	0402	Evidence Based Practice	C3	3.00		This course focuses on preparing students to engage in evidence-based practice. Students will learn to study current literature and evaluate research. Additionally students will gain the skills necessary for integrating new information into his/her role as a health care provider. Three hours of lecture per week. Prerequisites: GB 321, Math 310, PSY 320, or SOC 350.	F - Fall S - Spring SU - Summer
HS	0410	Healthcare Marketing	C3	3.00		This course offers an introduction to strategic planning and marketing in healthcare organizations. Students will be given relevant marketing knowledge that will enhance their ability to lead through changing and challenging times in healthcare industry. Students will discover how marketing in the digital age can affect a patient's medical journey. Prerequisite: HS 0350 or MGMT 0350.	F - Fall S - Spring
HS	0412	Managing and Leading Long-term Care for the Aging	C3	3.00		Provides students with an overview of the healthcare sector, "Long-term Care", focusing on care for the aging population. The course provides in-depth instruction regarding the multiple aspects of long-term care. The instruction is intended to be broad enough to benefit all students interested in healthcare management, administration, and leadership, while being in-depth enough to significantly advance the learning of future long-term care managers, administrators, and leaders and help prepare them for successful careers in this rapidly expanding and important segment of healthcare. Prerequisites: HS 0360 Health Policy and Junior or Senior standing.	F - Fall
HS	0420	Healthcare Management	C3	2.00		This course is a study of the principles and methods of healthcare management. The course presents the student with challenges the healthcare industry and healthcare providers face and explores the role and value of healthcare management in addressing these challenges to continuously improve healthcare quality, service, safety, and cost. Prerequisites: HS/MGMT 0350 and Junior or Senior standing.	S - Spring
HS	0422	Healthcare Info Management	C3	2.00		A study of the use of healthcare data, documentation, and information to support decision-making, patient care and healthcare operations. Prerequisite: Junior or Senior standing.	F - Fall
HS	0424	Healthcare Financial Management	C3	2.00		This course is a study of the Healthcare Revenue Cycle and principles of healthcare financial management. Course content and instruction will cover Payers and Payment Models, Claims Submission and Reimbursement, Benchmarking, Reporting, and a look ahead to the future of healthcare finance. Prerequisites: FIN 0350 and Junior or Senior standing.	F - Fall
HS	0444	Advanced Professional Credentialing	C3	3.00	12.00	Healthcare professionals demonstrate competence in specialty areas of practice through the attainment of credentials beyond the minimum required for entry into practice. Achievement of the qualification(s) requires advanced training and preparation, and passing a board-administered examination. This course awards credit for achieved advanced credentials. Prerequisites: Earned degree in a healthcare field (Respiratory Therapy, Radiology, and Paramedicine).	
HS	0481	Healthcare Leadership Internship	C3	3.00		An 8-week internship in an actual healthcare setting. The student will select an internship opportunity from options listed below, apply, and interview with the internship partner institution during the fall semester of their senior year. The partner institution (not MSSU) will select the student for their internship position(s). The internship period will be the first 8 weeks of the spring semester of the students senior year. Goals and expectations of the student and partner institution will be communicated to the student and partner institution prior to the beginning of the internship. Evaluations of the student performance and internship will be completed at the mid-point and conclusion of the internship. Coupled with the Healthcare Leadership course this internship will serve as part of a capstone experience for the Healthcare Administration senior student. Students are responsible for providing proof of vaccinations and/or other testing as required by the partner institutions. Prerequisites: HS 0420 and HS 0424. Co-requisite: HS 0482.	S - Spring
HS	0482	Healthcare Leadership	C3	2.00		A study in leadership principles, models, challenges, responsibilities, and application. Course content and instruction will present these components of leadership as well as the value and role of leadership as they relate to healthcare administration. Prerequisites: HS 0355 and HS 0420 and HS 0424 and Senior standing. Co-requisite: HS 481.	S - Spring
HS	0499	Independent Study	C3	1.00	3.00	Individually directed study for advanced majors in the areas of health science. The adviser with approval of the department head structures the independent study course. Prerequisite: Upper division standing with an overall GPA of 3.0 or above. The adviser, the department head, and the dean of the school must approve registration in the course.	D - Demand
HS	0510	Organizational Behavior in Healthcare	C3	3.00		Provides a systems overview of the organizational structure and behavior of individuals in healthcare institutions, along with an examination of the role of managers, clinicians and other leaders. The course applies organizational, behavioral, and social science practice and theory to healthcare organizations.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
HS	0520	Human Resources Management in Healthcare	C3	3.00		Integrates key human resource functions that play a significant role in a successful health care environment. Human Resources (HR) in health care is an ever-changing environment with the proliferation in new technologies, social media, and shifting models for providing care. This course will provide a framework focusing on each human resource function to help professionals navigate and be able to pivot an organization in this ever-changing environment. Students will discover the nature of work and human resources; compensation and benefits; workforce planning; recruitment, selection and retention; creating a diverse work environment; training and development; employee appraisal and discipline; and union management relations.	S - Spring
HS	0530	Managerial Epidemiology	C3	3.00		A comprehensive introduction to the application of the principles and tools of epidemiology to the management of health services. The tools of epidemiology are important for purposes of planning, monitoring, and evaluation of population health. With shift in healthcare policy and system changes a focus on population health is required in addition to individual health. Managing the health of populations requires an understanding of the factors that influence population health, as well as how those factors are associated with health care organizations and systems performance. The methods of managerial epidemiology can be applied to healthcare planning and quality of care, financial management and evidence-based decision making. Prerequisites: admission to MHA program or permission of instructor.	F - Fall
HS	0540	Health Law for Healthcare Administrators	C3	3.00		A study of U.S. health law. The course is not designed to educate law students. It is designed to educate current and future health administrators and leaders. Foundational knowledge and understanding of health law are essential for health administrators and leaders. The purpose of this course is to provide students with this essential knowledge and understanding as part of their preparation for successful careers in health administration and leadership positions.	F - Fall
HS	0550	Healthcare Negotiation and Conflict Resolution	C3	3.00		Offers students the skills and knowledge of negotiation, multi-dimensional problem solving, and meta-leadership, as well as conflict analysis, management, intervention, and resolution. Through our review of the literature, simulation exercises, and lecture-discussion, we will examine the field and explore its application to complex, multi-professional public health and health care settings and issues. The course is offered with the hope that its content and lessons will become a valuable building block in the professional repertoire of participating students, whether it be for crisis management or better accomplishing the everyday objectives that attracted us to the important work of health care.	S - Spring
HS	0560	Social Determinants of Health in the U.S. and World	C3	3.00		Provides a framework for educating healthcare professionals by integrating key components from the Social Determinants of Health (SDoH) model with the socio-cultural aspects of health, healing and illness from the Medical Sociology literature. SDoH are the "non-medical factors that influence health outcomes;" these include "conditions in the environments in which people are born, live, learn, work, play, worship, and age" and the wider set of forces and systems that shape our daily lives (Healthy People 2020). For decades, sociologists have acknowledged the myriad of social factors that contribute to health-related outcomes. Further, the inclusion of SDoH variables has been associated with efforts to identify health disparities, and recent strategies to decrease such inequalities, within and across populations. Explores macro-level (and "upstream") social influences on health opportunities and constraints in order to support professionals in health sector occupations assume a holistic approach to systems of healthcare delivery – both in the U.S. and across the world. Towards this end, students will have the option to participate in a short study-abroad immersive experience at the end of the 8-week summer semester, as an informal "capstone" to the course and to our program. Otherwise, students will have the option to research and write a literature review / term paper and create a PowerPoint presentation (as the final exam).	SU - Summer
IB	0310	International Business	C2	3.00		This course provides an introduction and overview of the international organizations and the effects of the foreign environment on international business. The course will focus on cultural differences theories of international trade and economic development; international finance; marketing internationally and practical applications of starting and maintaining international business relationships. This course is the prerequisite for higher level International Business courses. Prerequisites: ENG 101 and 102 or ENG 111.	F - Fall S - Spring
IB	0352	International Human Resource Management	C2	3.00		Provides students an overview of human resource management (HRM) issues from the perspective of multinational enterprises. Students will explore how national differences influence HRM practices across the multinational enterprise network. This course covers issues specific to international staffing, such as; human resource planning, recruitment, selection, orientation, evaluation, and compensation in in the multinational enterprise context. Prerequisite: IB 310.	F - Fall
IB	0390	Doing Business in Europe	C2	3.00		Provides an overview of the European business environment. Topics covered include institutional characteristics of European markets; origins, development, and framework of European integration; and Europeanization of business management. Students will examine opportunities and challenges unique to firms operating in Europe. Prerequisites: ENG101 and ENG 102 (or ENG 111).	S - Spring
IB	0395	Doing Business in Latin America	C2	3.00		Provides students with an understanding of the challenges in conducting business in Latin America. Topics include economic and regulatory structures, demographics, political and cultural issues, business customs, and market analyses. Prerequisites: ENG101 and ENG 102 (or ENG 111).	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
IB	0400	International Marketing	C2	3.00		This course provides students with an understanding of the principles and practices of international marketing by studies of the international marketing environment, international marketing strategies, international marketing management, and international marketing organization for international companies. Prerequisites: IB 310 and MRKT 300.	F - Fall
IB	0410	International Management	C2	3.00		Students examine management principles and practices as they relate to the management of multinational enterprises. Emphasis is placed on the fundamentals of cross-cultural management and global business strategy. Prerequisites: IB 310 and MGMT 350, or instructor's permission.	S - Spring
IB	0430	International Trade Finance	C2	3.00		This course focuses on the environment in which the international financial manager operates. Students study the risks of doing business overseas and the tools available to minimize those risks. Foreign exchange risk, political risk, foreign investments and international financing, working capital management, accounting, and control are examined within this context. Prerequisites: IB 310 and FIN 350.	F - Fall
IB	0460	Global Supply Chain Management	C2	3.00		Focuses on the development of logistics management skills related to global supply chains. The students will study the international business environment as it relates to transportation modes and methods, trade agreements and trade zones, legal and security transportation issues, international conventions, and import and export regimes. Particular attention will be given to supply chain management as part of the firm's strategic positioning, cultural interactions and quality considerations as well as to the importance of third party logistics providers. Prerequisite: IB 310 or instructor permission.	S - Spring
IB	0491	Internship in International Business	C2	1.00	6.00	An internship for senior International Business students with an opportunity to observe and participate in actual business operations within the community. All internships must conform to institutional policy regarding the number of hours of work, the number of credit hours, and written agreements with the cooperating business or agency. Prerequisites: 65 hours, 3.0 GPA, and department head approval. Repeatable up to six credit hours. Graded credit/no credit.	D - Demand
IB	0498	Advanced Topics in International Business	C2	0.00	3.00	Special topics in international business. For upper-division students. Topics to be announced each time the course is offered.	D - Demand
IB	0499	Independent Study in International Business	C2	1.00	6.00	Individually directed readings, research, and discussion in selected areas of International Business for advanced majors. Scope, depth, area of concentration, and credit to be arranged upon entry into course. Offered by arrangement. Prerequisites: 65 hours, 3.0 GPA, and department head approval. Repeatable up to six credit hours.	D - Demand
IB	0510	Global Strategy	C2	3.00		Examines strategic decision making in a global environment. Students will study how significant institutional, economic, and social differences across nations provide the central opportunity in global strategy. Issues such as formulating and executing international business strategy, building capabilities, international market entry, and management of global activities are examined.	F - Fall
IET	0105	Professional Skills	C2	3.00		Introduces students to skills and resources that will help them be successful in their academic and professional career. Emphasis is provided in the areas of using research facilities and tools available on campus, understanding and valuing ones personality and the personalities of others, effective communication, professional ethics, teams, as well as introductory concepts in "lean". Meets the University Experience requirement (UE 100). Three one hour lectures per week. Prerequisites: None.	F - Fall S - Spring
IET	0110	Engineering Graphics I	C2	3.00		Provides the foundation to Engineering Graphics, a technique of creating accurate representations of designs for manufacturing. Students will create Engineering Drawings that clearly define requirements for engineered items in accordance with ANSI and ISO drawing standards. Autodesk Inventor, a feature-based parametric modeling software, will be utilized for creating 2D sketches, 3D parts, and drawings. Prerequisites: None. Two hours lecture and two hours lab per week.	F - Fall S - Spring
IET	0115	Engineering Graphics II	C2	3.00		Focus is on the study of the use of Geometric Dimensioning and Tolerancing in the design and manufacturing of parts. Students will gain fundamental knowledge of dimensioning and tolerancing methods needed to ensure clear part specifications and design intent is communicated to manufacturing. The use of parametric CAD and CAM software reflects the industrial application within this course. Two hours lecture and two hours lab per week. Prerequisites: Students must have IET 110 and MATH 30 or higher with a grade of "C" or better.	S - Spring
IET	0205	Computer Applications and Cost Analysis	C2	3.00		Provides experiences on software tools commonly used in industry such as electronic spreadsheets, diagram creators, and data analytics tools. Applications include MS Excel, MS Visio, and MS Power BI. Throughout the course, fundamentals of cost analysis are covered. Three hours lecture per week. Prerequisites: student must have a Math ACT score of 19 or higher, or MATH 0020 (or higher) with a grade of 'C' or better.	F - Fall S - Spring
IET	0271	Engineering Technology Seminar I	C2	0.00		Industrial Engineering Technology majors must attend final project presentations in one of the following courses: IET 320, IET 425, IET 471, IET 450, MET 304 or other courses pre-approved by the department head. Prerequisite: none.	F - Fall S - Spring
IET	0272	Engineering Technology Seminar II	C2	0.00		Industrial Engineering Technology majors must attend final project presentations in one of the following courses: IET 320, IET 425, IET 471, IET 450, MET 304 or other courses pre-approved by the department head. Prerequisite: IET 271.	F - Fall S - Spring
IET	0298	Topics in IET	C2	1.00	3.00		
IET	0300	Engineering Economics	C2	3.00		Basics of engineering economics. Assessment of economic viability of a project. Evaluation of decision alternatives using different economic criteria. Three one-hour lectures per week. Prerequisites: students must have MATH 120 or higher (not MATH 135) with a grade of 'C' or higher OR Math ACT score of 27 or higher AND IET 205.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
IET	0301	Project Management Fundamentals and Applications	C2	3.00		Introduction to the principles and managerial processes involved with Project Management. Students will gain understanding of fundamental project management skills and how they relate to projects in class room settings, internships, and companies. Students will be introduced to Microsoft Project Software and its applications to managing project constraints, planning, scheduling and distributing of project resources and efficiently publishing project information. The course content is aligned with the Project Management Body of Knowledge developed by the Project Management Institute. Three hours lectures per week. Prerequisites: IET 205 or MGMT 237 or permission of instructor.	S - Spring
IET	0305	Basic Electricity and Electronics	C2	3.00		This course provides an introduction into the principals of electricity/electronics with an emphasis on applications, problem solving, and laboratory experiments. Topics covered will include AC and DC circuits, Series and Parallel circuits, electrical components, magnetism, power and Instruments and measurements. Two hours lecture and two hours lab per week. Prerequisites: Students must have Math 130 or higher (not MATH 129, 131, or 135) with a grade of 'C' or higher or a Math ACT score of 27 or higher.	S - Spring
IET	0310	Production Planning and Control	C2	3.00		The course is designed to provide the theory and application of production and inventory management philosophies and techniques. The topics covered in this course will be discussed in light of the framework suggested in the APICS curriculum guides so that this can serve as a foundation for students preparing for certification exams. Applications will be illustrated through the use of computers. Three one hour lectures per week. Prerequisites: Students must have MATH 120 or higher with a grade of "C" or better or Math ACT score of 27 or higher and IET 205 or CIS 305.	F - Fall
IET	0315	Probability & Statistics for Engineers	C2	3.00		This course is designed for students majoring in Industrial Engineering Technology. Topics include: descriptive statistics, hypothesis testing, probability and the normal curve, inferential statistics, confidence intervals, and computer applications. Prerequisites: students must have MATH 130 or higher (not MATH 129, 131 or 135) with a grade of 'C' or better or a Math ACT score of 27 or higher.	D - Demand
IET	0320	Applied Statistical Quality Control	C2	3.00		Provides participants with the basic skills and research methods to analyze organizational systems. Topics include quality principles, analytical approaches to problem solving, control charts, capability analysis, flow charts, histograms, and measurement systems analysis. Computer based solution techniques are used where appropriate. Three one-hour lectures per week. Prerequisites: Math 310 or GB 321 or PSY 320, or IET 315, or PSC/SOC 350 or instructor permission.	F - Fall
IET	0350	Industrial Supervision	C2	3.00		A study of the role of the supervisor. The focus is on key skills needed for effective supervision—e.g., planning, organization, measurement, motivation and leadership. To effectively supervise a group, there are foundational principles that must be integrated into the key skills including, professional and ethical responsibilities, communication, and change management. Three one hour lectures per week. Prerequisites: Junior Standing.	S - Spring
IET	0355	Work Measurement/Ergonomics	C2	3.00		Covers work measurements and methods. The course will focus on the use of standards, value engineering, methods design, workstations, time studies, and ergonomics. Three one hour lectures per week. Prerequisites: student must have MATH 120 or higher (not MATH 135) with a grade of 'C' or better OR a Math ACT score of 27 or higher AND IET 205.	F - Fall
IET	0380	Principles of Lean	C2	3.00		This course provides an overview of lean tools and techniques. Students will have opportunities to apply some of the concepts such as 5S or Kaizen as project work to aspects of their work or life in general. Prerequisites: Junior standing.	F - Fall
IET	0383	Power Generation including Pneumatic and Hydraulics	C2	3.00		The course provides an introduction into the principles of power generation using hydraulics and pneumatics. Emphasis is placed on conceptual understanding of methods of power generation as well as distribution and transformation as it relates to hydraulic systems, applications, problem solving, and laboratory experiments. Two hours lecture and two hours lab per week. Prerequisites: students must have MATH 130 or higher (not MATH 129, 131 or 135) with a grade of 'C' or better or a Math ACT score of 27 or higher.	F - Fall
IET	0425	Design Experiments	C2	3.00		Learn basic statistical concepts of designing and analyzing experiments. Applications from various manufacturing as well as non-manufacturing fields will be illustrated throughout the course. Computer software packages to implement the methods presented will be illustrated extensively and used for homework assignments and a term project. This course is also part of the requirements for the Six Sigma Black Belt certification. Writing Intensive. Prerequisites: students must have IET 320 or permission of instructor.	S - Spring
IET	0450	Facilities Management and Planning	C2	3.00		This course is designed to give the students a comprehensive understanding of the issues involved in the design of an industrial production system. It will cover the problems in plant location, product analysis, process design, equipment selection, material handling, and plant layout. Three one hour lectures per week. Prerequisites: DDET 110, IET 300, IET 310, and IET 355 (may take IET 310 and IET 355 concurrently with IET 450).	F - Fall
IET	0470	Six Sigma Methodology	C2	3.00		This course is about developing a broad understanding of Six Sigma principles and practices. DMAIC project management methods and practical data analysis techniques are covered. Three one hour lectures per week. Prerequisites: IET 320 or permission of instructor.	S - Spring
IET	0471	Senior Design	C2	3.00		Provides students the capstone design experience in industrial engineering technology. Students apply their technical and non-technical knowledge to broadly defined industrial problems. The design activity includes identification of problem and objective, data collection, data analysis, and solution generation. Students will have to balance corporate expectations with academic requirements. Students are expected to spend considerable time outside of class time on project work. Corequisite: IET 470. Prerequisites: IET 310, IET 320, IET 355, IET 380, IET 425 (IET 425 may be taken concurrently) or permission of instructor.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
IET	0491	Internship in Industrial Engineering Technology	C2	1.00	3.00	This course is intended to provide the student with "real-world professional" experience in the area of Industrial Engineering Technology by working with an external organization. The Engineering Technology department has several placement opportunities available to students. Students interested in pursuing an internship must start the application process the semester before they intend to work. Prerequisites: 60 hours, 3.0 GPA minimum, and department approval. Repeatable up to six credit hours. Graded credit/no credit.	F - Fall S - Spring
IET	0494	Career Success	C2	1.00		This class is designed to prepare seniors for the transition from the university environment to the real world of work. It will cover topics such as: career development, employer expectations, job research, resume development, interviewing skills, and transition issues. One hour lecture per week. Prerequisites: Senior Standing.	F - Fall S - Spring
IET	0498	Advanced Topics in IET	C2	1.00	3.00	Special topics in Industrial Engineering Technology.	D - Demand
IET	0499	Independent Study in Industrial Engineering Technology	C2	0.00	4.00	Course structured by the instructor with approval of the department head of Engineering Technology. Prerequisites: Student must have completed 15 hours of Engineering Technology course work with a major GPA of 3.0 or higher. Registration must be approved by the student's advisor, department head, and school dean.	D - Demand
INTS	0201	Introduction to International Studies	C1	3.00		An introduction to the interdisciplinary study of global issues. The student will receive a variety of ideas, insights, and images of the world, and will discuss a number of topics including methodologies of global studies and career options. Required of International & Political Affairs (IPA) majors; open to all others.	F - Fall
INTS	0217	Middle Eastern History	C1	3.00		During the semester we will examine the roots of the conflicts in the Middle East and the long history of the wars and controversies that have enveloped the nations in that area of the world. This course is designed to give the student an entry point into understanding the immensely complicated political tensions, military CONFLICTS and disputes between the countries of the Middle East. The roots of regional conflicts are attributed to the rise of Zionism and ARAB nationalism towards the end of the 19th century. This conflict that embroils the Middle East is continues today and is a basis for much hatred and misunderstanding on the world stage. We will also examine how the world has come to view this divisive conflict and we will evaluate how we can come to terms with any progress in achieving any type of peace in the Middle East.	D - Demand
INTS	0298	Topics in International Studies	C1	3.00		Topics not normally included in another course. Prerequisites are determined by the Institute of International Studies and stipulated in the course syllabus.	D - Demand
INTS	0301	Global Arts and Cultures	C1	3.00		Transcultural study of the manifestations of the major art forms of the humanities: literature, theatre and film, painting and sculpture, music and dance. The course will stress critical exploration of the relation of the art forms to the cultures from which they emerge and comparative study of the nature and function of the art forms in traditions temporally or spatially distinct from each other, including Western and non-Western traditions. Required of International Studies majors; open to all others. Prerequisite: 3 credit hours from among core curriculum humanities courses.	F - Fall
INTS	0302	Environment and Society	C1	3.00		An examination of environmental problems in the context of human societies from different regions of the world with a focus on their scientific bases, causes, and potential solutions. Prerequisites: junior standing or consent of instructor.	S - Spring
INTS	0303	Contemporary World Civilizations	C1	3.00		A systematic and comparative introduction to the contemporary history of major world civilizations, with a special emphasis on historical developments that have influenced more than one civilization or cultural region. Required of International Studies majors; open to all others. Prerequisite: 3 hours of History.	S - Spring
INTS	0306	Introduction to Global Health	C1	3.00		Introduces students to the main concepts of the global health field and the critical links between global health and social and economic development. Students will get an overview of the principles and goals of global health, the burden of disease, and key measures to improve global health. Prerequisite: BIO 101 or higher BIO course with a grade of 'C'; or higher OR EH 101 or higher EH course with a grade of 'C' or higher AND junior standing OR consent of instructor. Cross-listed with GEOG 306 and SOC 316.	F - Fall
INTS	0308	Model United Nations	C1	3.00		A study of the United Nations and selected issues in recent global history from the perspective of a United Nations member state. Both the nation and topics studied will be determined by the agendas of the collegiate Model United Nations conferences in which Missouri Southern participates. Although the course is designed to prepare delegates for conferences, enrollment is not limited to Model UN participants. May be repeated for a total of 9 credit hours.	F - Fall
INTS	0310	Food, Culture, and Society	C1	3.00		Explores the ways in which food serves as a cultural expression of beliefs and values, shapes the identity of people groups around the globe, and connects diverse societies. Students will study and experience the major cuisines of the world through class lectures, by hearing from guest speakers, and by participating in the annual World Music & Cuisine Festival at MSSU. Students will also engage in readings and discussions on important food-related topics such as GMO foods, religion-based diet restrictions, the ethics of eating meat, food insecurity, and the ways in which our food system shapes and reflects societal inequality. Prerequisites: ENG 101 and ENG 102, or ENG 111, and COMM 100.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
INTS	0317	Middle Eastern History	C1	3.00		During the semester we will examine the roots of the conflicts in the Middle East and the long history of the wars and controversies that have enveloped the nations in that area of the world. This course is designed to give the student an entry point into understanding the immensely complicated political tensions, military CONFLICTS and disputes between the countries of the Middle East. The roots of regional conflicts are attributed to the rise of Zionism and ARAB nationalism towards the end of the 19th century. This conflict that embroils the Middle East is continues today and is a basis for much hatred and misunderstanding on the world stage. We will also examine how the world has come to view this divisive conflict and we will evaluate how we can come to terms with any progress in achieving any type of peace in the Middle East.	D - Demand
INTS	0320	Teaching English Abroad I	C1	3.00		Provides a practical and non-technical overview of the particular issues and considerations involved in teaching English as a Second Language in a cross-cultural context. Students will be introduced to foundational principles and techniques used to teach English globally, and will be prepared to survive – and even thrive – in an overseas English classroom. Emphasis will also be given to assessing overseas TESOL/TEFL job opportunities, communicating cross-culturally, adapting to living abroad, and other practical life-skills required to be a successful expatriate English teacher. Prerequisites: ENG 101 and ENG 102 or ENG 111, and COMM 100.	F - Fall
INTS	0321	Teaching English Abroad II	C1	3.00		Provides instruction in the “nuts and bolts” of teaching the core areas of English as a Second Language in a cross-cultural context. Participants will learn to develop effective lesson plans that will enable them to teach English grammar and vocabulary, as well as the skills of listening, speaking, reading, and writing. Participants will prepare for real-world overseas English teaching in a variety of ways: lesson planning with feedback from instructors and classmates, class presentations, interactive discussions, and more. Emphasis will be given to the implications of teaching English globally, serving as a “cultural ambassador,” and further opportunities for professional development in the world of TESOL/TEFL. Prerequisite: INTS 0320 Teaching English Abroad I.	S - Spring
INTS	0322	Teach English Abroad Practicum	C1	3.00		This practicum provides participants with the opportunity to apply knowledge, strategies, and skills acquired in INTS 320 and INTS 321 under the supervision of faculty members from MSSU's Intensive English Program (IEP). Participants observe IEP courses, participate in faculty-guided co-teaching of IEP courses, and instruct and tutor international students in the areas of ESL reading, writing, speaking, listening, and grammar. Required coursework includes but is not limited to: observations with reports, lesson planning assignments, self-evaluations, and one-on-one meetings with IEP faculty. Prerequisites: INTS 320 and INTS 321.	F - Fall
INTS	0330	Topics in Global Cultural Studies	C1	3.00		Topics will vary by the specialization of instructor. This course will emphasize topics not included in existing courses. Repeatable for up to 6 credit hours as different topics. Prerequisite: INTS 201: Introduction to International Studies.	D - Demand
INTS	0350	A Tale of Two Cities: London and Paris	C1	3.00		The course explores the society and culture of London and Paris and provides an in-depth look at the ethnic diversity, neighborhoods, urban regeneration, historical perspective, government, transportation, communications, and commerce of both global cities. The course requires a study abroad trip to London and Paris with students responsible for travel expenses. Enrollment by permission of the instructor.	D - Demand
INTS	0370	Globalization and Native Peoples	C1	3.00		Globalization and Native Peoples focuses on the increasingly interconnected nature of human cultures around our planet. In this class, students will examine the socioeconomic, cultural, and political processes that work to both advance and to harm the unique lifeways of the thousands of indigenous people living as political and ethnic minorities within different nations. The course will address the complex and often negative effects of multinational corporations seeking to exploit natural resources within the traditional lands of native peoples, as well as the local ecological and health impact of various agencies. The course will also explore the role of modern media, including the Internet's popular social network sites, in another aspect of globalization today. Finally, the opposing trends of a global monoculture vs. the active promotion or revitalization of native language, culture, beliefs, and values will be discussed. Prerequisite: ANTH 101 (or above) or INTS 201 or SOC 110 or special permission from the instructor. Cross-listed as ANTH 370.	S - Spring
INTS	0402	Senior Thesis in International Studies	C1	3.00		With a faculty supervisor, the student will explore and challenge a topic of global concern and produce a senior thesis and make an oral presentation. Prerequisite: Senior standing, permission of the Director of the Institute of International Studies, and applicable research course determined by the Director of the Institute of International Studies.	F - Fall S - Spring
INTS	0408	Model UN Club	C1	0.00		Enrolled students will participate in the American Model United Nations Conference. Topics will vary based upon the state(s) Missouri Southern State University is assigned to represent. Repeatable for up to 5 semesters. Prerequisite: INTS 308 Model UN or permission of instructor	F - Fall
INTS	0493	Global Citizenship Certificate Exit Exam	C1	0.00		An exit exam for the Global Citizenship Certificate based on the knowledge of global history, politics, geography, and cultures. Prerequisites: open only to students enrolled in the Global Citizenship Certificate with department chair approval.	F - Fall S - Spring SU - Summer
INTS	0498	Advanced Topics in International Studies	C1	0.00	3.00	For upper-division students. Topic to be announced each time the course is offered. Prerequisites are determined by the Institute of International Studies and stipulated in the course syllabus.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
INTS	0499	Independent Study in International Studies	C1	1.00	3.00	An independent course structured by the adviser with approval of the Director of the Institute of International Studies. Prerequisite: Must have completed 90 hours with a cumulative grade point average of 3.0 and have completed a minimum of 15 hours of International Studies courses. Project must be approved by adviser, by the course director, and by the Director of the Institute of International Studies prior to enrollment.	D - Demand
JS	0503	Criminal Justice Research Methods	C1	3.00		Examines the basic concepts of criminal justice. Students will learn both quantitative and qualitative research techniques necessary for systematic analysis of the criminal justice system, offender behavior, crime trends, and program effectiveness. Additionally, students will become familiar with existing sources of criminal justice data and will learn to assess the quality of that data, and learn to critically evaluate existing research. Lastly, students will be required to synthesize advanced scholarly, knowledge, critique theoretical concepts, and master disciplinary and inter- disciplinary skills in knowledge in the creation of research proposals. Cross-listed with CJ 305. Prerequisites: Junior level standing, 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0504	Social Science Research Methods	C1	3.00		An introduction and exploration into the ways in which social scientists conduct research including various designs, including interviewing, observation, survey design, and content analysis. Emphasis will be placed on quantitative analysis and the decisions faced by social scientists when designing and applying social research. The course will cover methods of problem and hypothesis formulation, data collection and instrumentation. There will also be an emphasis placed on ethical issues in research. Prerequisite: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0505	Statistical Analysis	C1	3.00		Provides a basis for understanding and evaluating statistical studies as well as teaching participants a wide variety of statistical analysis techniques. Topics include: Data collection, observational vs experimental studies, surveys, linear regression, and hypothesis testing involving proportions and means. The course includes applications in a variety of fields including: education, social science, criminal justice, medicine, biology, and business. Prerequisites: MATH 125 or higher; Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0506	Social Science Statistics	C1	3.00		Provides tools necessary to gather, describe, analyze, and present quantitative social science data. The focus will be on conducting univariate, bivariate, and multivariate analyses. Prerequisite: Junior level standing; MATH 125 or higher; PSC/SOC 340 Social Science Research Methods or consent of instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0509	Inequalities in America	C1	3.00		Americans embrace rhetoric with declarations of "all men are created equal", "liberty and justice for all", "equal protection of the law", and so forth. Despite these claims, the American experience is filled with systemic inequalities and injustices. Discrimination, whether implicit or explicit, individual or institutional, are part of the fabric of the American experience. This course will challenge students to develop a personal philosophy and individual analysis of their experiences with inequality and injustice in America. This interdisciplinary course will be taught by a group of faculty who will examine inequality and discrimination from various scholarly and research-driven perspectives. Prerequisite: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
JS	0511	International Justice Systems	C1	3.00		An analysis of crime and criminal justice systems in selected countries and cultures with an emphasis on the ways in which these cultures define and respond to criminal behavior. The primary objectives are to develop critical thinking skills and to understand the importance of taking an international perspective. Prerequisites: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0513	Family Violence	C1	3.00		Introduces the dynamics of family violence from a criminological and sociological perspective. Emphasis on the examination of the dynamic relationships between victims, offenders, other family members, service providers and the legal system. Prerequisites: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0514	Ethics in Criminal Justice	C1	3.00		An in-depth analysis of ethical issues and dilemmas confronted by criminal justice professionals, with special emphasis on the use of autonomous, discretionary authority for the fair and respectful treatment of all individuals experiencing criminal justice processes. Cross-listed with CJ 432. Prerequisite: Completion of 75 credit hours, cumulative GPA of 3.0, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0515	Victimology	C1	3.00		Introduces the study of victimization and tenuous the relationship between victims and the criminal justice system. Victims are historically the forgotten member of the criminal process. We will examine scope and historical development of victimology, the problems associated with victimization, the dynamic relationships between the victim and the offender, the victim and the criminal justice system, and the victim and society. Emphasis will be placed on evaluating policy stemming from society's increasing attention to the plight of victims. Prerequisite: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0516	Homeland Security	C1	3.00		Provides a broad overview of homeland security and homeland defense as undertaken in the United States since 9/11. Taking an interdisciplinary approach, we will examine the range of threats facing the U.S. originating from abroad as well as at home. Much of our focus will be on terrorism and how it threatens the United States. We will analyze the structure, capabilities, and functioning of the systems designed to detect, prevent, and disrupt such threats, the laws and policies that govern homeland security, and roles and responsibilities of the various intelligence and homeland security entities. We will examine offensive and defensive measures related to critical infrastructure, cyberattack, weapons of mass destruction (WMD), and others. In addition to gaining a broad, general understanding of this wide range of subjects, you will be introduced to asymmetric thinking, synthesize the growing body of literature in the discipline of homeland security, critique current practices and assumptions, and provide policy recommendations. Cross-listed with CJ 316. Prerequisite: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0517	Serial Murderers	C1	3.00		Provides students with an in-depth understanding of theoretical explanations for the phenomenon of serial murder. The course includes a historical and contemporary examination of serial murder typologies, taking into account motives, methods, victims, personal history, and crime scene characteristics of selected serial murderers in this country and countries around the world. Special emphasis is on developing critical thinking skills that are essential to serial murder investigations. Prerequisite: Completion of 75 credit hours, cumulative GPA of 3.0, and permission of the instructor.	SU - Summer

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
JS	0520	Crisis Communication	C1	3.00		Provides students insights regarding key concepts, theoretical perspectives, essential skills and abilities, and critical thinking and problem solving skills necessary for effective crisis communication within organizations. The course follows the crisis communication process through the stages of pre-crisis, crisis, and post-crisis. The pre-crisis stage discusses planning and environmental scanning. The crisis stage discusses communication strategies for image restoration. The post-crisis stage depicts crisis as an opportunity for organizational learning and for rebuilding or expanding public trust. The course uses a case study approach throughout. Cross-listed with COMM 410. Prerequisite: COMM 211 Introduction to Public Relations. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0521	Crime and Criminal Justice Policy	C1	3.00		This course provides an overview of the public policy process as it relates to issues of crime and criminal justice. Students will gain an understanding of the socio-political context of criminal justice public policy, the public policy process, and the challenges facing successful policy implementation that are unique to criminal justice. This course will focus on role of family, drugs, race, and science in shaping criminal justice policy. Additionally, the traditional components of the criminal justice system are covered as each relates to policy within that particular component and the system as a whole. Lastly, we will discuss past mistakes, current circumstances, and future directions in public policy regarding crime and criminal justice. Prerequisite: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0522	Seminar in Corrections	C1	3.00		Provides a critical examination of the development and implementation of correctional systems in the United States. We will examine the relationship between correctional theory and evidence-based policy highlighting retribution, deterrence, incapacitation, rehabilitation, and restorative justice. Students will be introduced to the inmate experience in both jails and prisons. We will examine issues pertaining to special populations including juveniles, women, minorities, sex offenders, the mentally ill, substance abusers, and intellectually disabled offenders, as well as legal issues in corrections. We will conclude with an in-depth look at community-based corrections with a focus on pretrial release, the viability of treatment perspectives, probation management and case planning, residential and non-residential sanctions, and reentry. Prerequisite: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0523	Restorative Justice	C1	3.00		Restorative practices are designed to repair harm, increase empathy and accountability on behalf of the wrong-doer, and restore, to the extent possible, the emotional and material losses of the harmed parties by providing a range of opportunities for dialogue, negotiation and problem-solving. This course provides an introduction and exposure to the principles of restorative practices and their application. This course will explore the needs and roles of key stakeholders to the conflict and examine the values and assumptions of the restorative practices' movement, including its spiritual and religious roots, and introduce students to some of the current programs at community, state and national levels. This class is designed to build skills in knowledge, analysis, critical thinking, communication, and implementation of restorative practices and principles. Prerequisites: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0540	The Civil Rights Movement	C1	3.00		A study of the African-American struggle for civil rights. While surveying the period from the end of Reconstruction to the present day, this course will focus primarily on events from 1954-1968. This graduate-level course may meet concurrently with HIST 320, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in 540 must have instructor permission, are required to complete all the graduate coursework, and may be able to count hours toward a graduate degree (but this is not guaranteed). Prerequisite for undergraduates: Junior level standing, a 3.2 GPA, and permission of the instructor.	

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
JS	0550	Judicial Politics and Processes	C1	3.00		The United States legal system examined from political and legal perspectives. Topics include the structure and organization of United States and Missouri courts, the judicial processes for civil and criminal cases, methods of judicial selection, modes of judicial decision making, and the behavior of judges, lawyers, and other actors in the judicial process. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0551	War and International Security	C1	3.00		Provides an overview of major theories of international security and discusses important debates in that field. Students will be exposed to topics such as the factors contributing to the onset of interstate and intrastate wars, trade interdependence and peace, economic develop and growth, domestic politics and security policy, regime types and their relationship to war, and international institutions and peace. Students will also consider the most pressing security issues and challenges of the 21st Century, including terrorism, the rise of new global powers, and climate change. Prerequisite: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0552	Public Policy	C1	3.00		Provides an introductory survey of the formulation, execution, and evaluation of public policy in the United States. Prerequisites: Junior standing, 3.2 GPA, and consent of instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0553	Constitutional Law II: Civil Rights and Civil Liberties	C1	3.00		Examines the civil rights and civil liberties of individuals through examination of United States Supreme Court decisions. Topics include religious liberty; freedom of speech and expression; the rights to property, privacy, and the vote; the guarantee of equal protection of the law; and protections against discrimination. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0554	Philosophy of Law	C1	3.00		Relates traditional themes of legal philosophy to the concerns of modern society. Through readings and discussions students will be exposed to controversial questions and imaginative use of cases and stories. Emphasis will be on understanding the evolution of theory within varied topics of law. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0555	International Politics and Cyber Security	C1	3.00		Focuses on cyberspace, cyber threats, and cyber conflict, specifically regarding the implications for the public and private sectors, national governments, non-governmental actors, and international politics. Topics include the creation and evolution of cyberspace, changes to the international system structure, new modes of conflict and cooperation, and strategies for international security in a digital world. Students will examine how current international relations theory accommodates cyberspace as a new venue of politics, and how cyber-politics alters traditional international politics, demanding new theoretical frameworks and empirical study. Students will also be exposed to the types of cyber threats and tactics used to infiltrate computer systems at all levels of society. Prerequisites: Junior level standing, 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0556	Law and Society	C1	3.00		Examines the sociological and political understanding of legal phenomena. Focus on the role of law in culture, social, and political conflicts in American society. Specific topics covered may vary to focus on current and salient legal issues.	

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
JS	0570	Social Welfare Policies and Services	C1	3.00		Describes the role of social policy in the organization and the delivery of social services. Presents frameworks for the analysis of policy development and impacts on vulnerable populations. Presents methods of influencing policy development and implementation. Students will develop skills in analyzing social conditions and understanding the role of values and ideologies in the formulation of the social policies and services developed to alleviate these social conditions. Students will learn how to plan for, develop, implement, and evaluate social welfare policies and services on the state and federal levels and assess their ability to promote social justice. Prerequisites: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0571	Social Justice Practice	C1	3.00		The study and experience in advocacy practice to affect social justice for marginalized populations. Students will examine social justice as it relates to the profession of social work. Students will conduct an in-depth examination of theories of social justice and apply these to vulnerable populations. Students will investigate the strategies and skills used by social workers to advocate and promote social justice for vulnerable populations. Key concepts include privilege, social and economic justice, environmental justice, and globalization. Prerequisites: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0580	Cults in the U.S.	C1	3.00		This course focuses on the study of cults and New Religious Movements in the United States today. The class will examine the nature of abusive fringe groups in modern society from a theoretical perspective, looking at the various definitions and classifications of these groups in sociology. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0581	Social Stratification	C1	3.00		Examination of differences in power, privilege and prestige based on socio-economic statuses and reflected in differing lifestyle or consumption patterns. Analysis of the effects of social inequality on people's lives within the United States by social class, as well as by race/ethnicity and gender. An overview of the complex array of social structures that comprise systems of inequality at local, national and international levels. Prerequisites: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0582	Juvenile Delinquency	C1	3.00		Analysis of the historical, environmental, and social background surrounding juvenile delinquency and associated behaviors. Examination of the behavioral content, scope of official delinquency, and contemporary explanations. Focus on the influences of family, school, peer groups and gangs, the juvenile justice system, and current policies and practices. Prerequisite: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
JS	0584	Penology Corrections	C1	3.00		Provides a critical examination of the development and implementation of correctional systems in the United States. We will examine the relationship between correctional theory and evidence-based policy highlighting retribution, deterrence, incapacitation, rehabilitation, and restorative justice. Students will be introduced to the inmate experience in both jails and prisons. We will examine issues pertaining to special populations including juveniles, women, minorities, sex offenders, the mentally ill, substance abusers, and intellectually disabled offenders, as well as legal issues in corrections. We will conclude with an in-depth look at community-based corrections with a focus on pretrial release, the viability of treatment perspectives, probation management and case planning, residential and non-residential sanctions, and reentry. Prerequisite: Junior level standing, a 3.2 GPA, and permission of the instructor. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0585	Seminar in Race, Class, Gender, and Crime	C1	3.00		Provides a critical examination of the meanings, history, correlates, and consequences of both privileges and social inequalities as they relate to the American criminal justice system. Particular focus will be given to the examination of race, ethnicity, gender, and social class. This graduate-level course may meet concurrently with an undergraduate course, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in the graduate course must have instructor permission, submit all required documentation, and are required to complete all the graduate coursework. Undergraduate students may be able to count hours toward a graduate degree (but this is not guaranteed).	
JS	0588	Food, Nutrition, and Social Justice: A Lion Co-op Experimental Learning Course	C1	3.00		Students will investigate the relationship between wellness and social justice issues. Students will explore how historical factors have shaped Americans' current attitudes toward and access to wellness by exploring how understandings of what it means to be well have changed over time and have often been intertwined with issues such as class, race, gender, and religion. This is an interdisciplinary course where students will be familiarized with the disciplinary methods of both history and kinesiology as they relate to the study of food, nutrition, and social justice. Because this is a Lion Co-op Experiential Learning course, it will provide students with community engagement, and service learning opportunities focused on health and wellness. This graduate-level course may meet concurrently with HIST/KINE 488, but students may not enroll in both the undergraduate and graduate courses simultaneously. Undergraduate students who enroll in 588 must have instructor permission, are required to complete all the graduate coursework, and may be able to count hours toward a graduate degree (but this is not guaranteed). Prerequisite for JS 588: Junior level standing, a 3.2 GPA, and permission of the instructor	
JS	0598	Topics in Justice Studies	C1	3.00		Topics will vary by the specialization of instructor. This course will emphasize topics not included in existing Justice Studies Master of Science courses. Repeatable for up to 6 credit hours.	F - Fall
JS	0600	Thesis	C1	3.00		This is an integrative course in which the student is expected to write a research paper that utilizes the research methods and subject matter studied in previous courses in the program. The course must be scheduled as a capstone project and should be taken as one of the last courses in the student's program. The Master's Thesis track within the Justice Studies program will have students conduct original research in the form of a thesis. During the process of writing a master's thesis, students will explore different ways of finding information, conduct a comprehensive literature review, define the scope of the project, develop a research question(s), present a theoretical framework, develop a research design, and communicate results and findings. The thesis course will take place over two consecutive semesters, requiring the initial preparation and approval of a prospectus (preliminary planning culminating in a thesis proposal), and the presentation and defense of the thesis by a Justice Studies committee. The Thesis Defense committee will consist of graduate faculty members in the Justice Studies department, including the student's primary Thesis Adviser, and two additional members. The chair and at least one other member must be members of the Justice Studies faculty. It is the responsibility of the student to assemble a committee of professors who have agreed to serve on the committee. The committee should be selected upon the basis of the member's knowledge of the subject of the thesis, the methodology that will be used, and their willingness to serve. Course may be repeated for up to 6 total credit hours.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
JS	0610	Service Project and Process Paper in Justice Studies	C1	3.00		This is an integrative course in which the student is expected to contact an agency or organization and discuss how to synthesize, integrate, and/or apply knowledge from previous coursework into a comprehensive culminating service project defined broadly within the Justice Studies discipline, which will benefit the agency or organization and broader community. In addition, a process paper outlining the goals, rationale, and outcome of the project will be completed by the student. The course must be scheduled as a capstone project and should be taken as one of the last courses in the student's program. The Service Project and Process Paper in Justice Studies course will take place over two consecutive semesters, requiring the initial preparation and approval of a prospectus (preliminary planning culminating in a project proposal), and the presentation and defense of the proposal by a Justice Studies committee. The Service Project and Process Paper in Justice Studies Defense committee will consist of graduate faculty members in the Justice Studies department, including the student's primary Capstone Adviser, and two additional members. The chair and at least one other member must be members of the Justice Studies faculty. It is the responsibility of the student to assemble a committee of professors who have agreed to serve on the committee. The committee should be selected upon the basis of the members' knowledge of the subject of the thesis, the methodology that will be used, and their willingness to serve. Course may be repeated for up to 6 total credit hours.	F - Fall S - Spring
JS	0699	Independent Study in Justice Studies	C1	1.00	3.00	Independent Study in Justice Studies will allow the student to explore a topic of interest under the close supervision of a faculty member. The course may include directed readings, applied work, assisting a faculty member with a research project, carrying out an independent research project, or other activities deemed appropriate by the instructor. Prerequisite: Permission of the instructor and Justice Studies Advisory Committee.	F - Fall S - Spring
KINE	0101	Introduction to Physical Activity	C3	1.00		Designed to assist students in developing proficiency in a physical activity to increase the likelihood of lifetime participation. Non-repeated activities may be taken a maximum of three times for credit.	F - Fall S - Spring SU - Summer
KINE	0103	Lifetime Wellness	C3	2.00		Designed to provide students with the knowledge and self-management skills that will assist them in adopting healthy lifestyles. The course will encompass all areas of wellness including but not limited to: physical, emotional, social, and intellectual.	F - Fall S - Spring SU - Summer
KINE	0113	Wellness for the Health Professional	C3	2.00		Contemporary information about the beneficial effects of a healthy lifestyle and how to implement and live such a lifestyle. Required and limited to students studying in the Department of Kinesiology.	F - Fall S - Spring
KINE	0114	Fitness Programming and Assessment	C3	2.00		Designed to teach introductory theory and technique in exercise programming and testing. Techniques for conducting physical fitness assessments are studied. Tests of cardio-respiratory fitness, muscular strength and endurance, joint flexibility, and body composition. Prerequisite: KINE 103 or KINE 113.	F - Fall S - Spring
KINE	0116	Introduction to Kinesiology and Assessment	C3	3.00		Designed to teach introductory theory and technique in assessment, exercise programming, and injury prevention. Techniques for safely conducting physical fitness assessments are studied in the following areas: Cardiorespiratory fitness, muscular strength and endurance, joint flexibility, and body composition. This course will also serve as an introduction to the MSSU Kinesiology department. Job exploration in the field will also be emphasized. Prerequisite or corequisite: KINE 103.	
KINE	0135	History and Philosophy of Physical Education	C3	3.00		Exploring the historical heritage of Physical Education and Sport from ancient civilizations to modern America. Analysis of contributions of significant philosophers. Investigation of various societal trends and scientific developments that have affected Physical Education and Sport, including technology, and development of instructional models. Prerequisite: KINE 113 or concurrently enrolled.	S - Spring
KINE	0150	Rules and Officiating of Team Sports	C3	3.00		Knowledge and skills for officiating basketball, volleyball, softball, baseball, and football; officiating laboratory required in some areas.	D - Demand
KINE	0160	Personal and Community Health	C3	2.00		Study of the major risk factors determining health status, with special consideration given to principles and practices of good health for individual and community concerns, including personal and community assessments, body mechanics, nutrition, legal and illegal substances, responsible sexual behavior, mental health, and the cause and prevention of disease.	D - Demand
KINE	0170	Drug Education	C3	2.00		Examine the dimensions and problems of drug use and abuse in our society. Basic information on drug classifications, as well as specific content areas dealing with pharmacology, legislation, drug testing, drug education, and prevention efforts will be covered. Key societal influences will be addressed including drugs in the workplace, in sports, in medicine, and throughout our culture.	D - Demand
KINE	0220	First Aid and Sport Safety	C3	2.00		Designed to offer students the knowledge and skills necessary to sustain life, in an emergency situation, by minimizing the consequences of injury and sudden illness until medical help arrives. Strategies for providing a safe environment for athletes and injury prevention will also be presented. Students receive certification through the American Red Cross in First Aid, CPR and AED adult and pediatric.	F - Fall S - Spring SU - Summer
KINE	0240	Professional Exploration in Kinesiology	C3	3.00		Provides an orientation to the field of Exercise Science. Students will gain a greater understanding of careers within a variety of Exercise Science fields and will begin preparation for entry into these professions. Outside class professional interactions, experiential and service learning are required.	F - Fall S - Spring
KINE	0251	Lifetime Activities and Dance	C3	3.00		Designed around the study of skills and instructional strategies involved in selected lifetime activities commonly found in the public school physical education curriculum. Enrollment restricted to Physical Education candidates.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
KINE	0252	Team & Ind. Sports Instruction	C3	3.00		Knowledge, skill development, skill analysis, assessment, and pedagogy of selected team and individual sport activities commonly found in the school physical education curriculum. Students are expected to demonstrate a minimum level of proficiency in various activities. Enrollment restricted to Physical Education candidates. Prerequisite: KINE 113.	S - Spring
KINE	0255	Dance & Recreational Pursuits	C3	2.00		Students will develop and refine the content knowledge and pedagogical skills needed for instructing dance, rhythms, and lifelong leisure activities. Prerequisite: KINE 113.	F - Fall S - Spring
KINE	0275	Introduction to Archery and Air Rifle	C3	2.00		Students will learn the basics of shooting safety, nomenclature, form and scoring. This course will focus on basic compound and recurve bows, and air rifles. Course includes classroom lecture and indoor range practical application of safe shooting techniques.	S - Spring
KINE	0292	Theory and Technique of Strength Training	C3	2.00		Designed to assist health promotion professionals with designing and implementing strength training programs and with weight room management. Required and limited to students studying in the Department of Kinesiology. Prerequisite: KINE 113.	F - Fall S - Spring
KINE	0295	Orientation to Health Promotion and Wellness	C3	1.00		Provides an orientation to health promotion. Students will gain a greater understanding of careers within a variety of health promotion professions and will begin preparation for entry into these professions. A 10 clock-hour field-based component is a requirement of this course. Limited to Health Promotion and Wellness majors. This course provides students with the skills and knowledge necessary to design, organize, and implement appropriate health promotion programs. Required and limited to students seeking a degree in Health Promotion and Wellness. Prerequisites: KINE 103 or KINE 113.	F - Fall S - Spring
KINE	0298	Topics in Kinesiology	C3	0.00	4.00		
KINE	0305	Aging and Health	C3	2.00		Designed to explore the physiological process of aging and the role of interventions. Students will conduct assessments and participate in activities appropriate for the aging population. Prerequisite: KINE 103 or KINE 113, PSY 100, BIO 101 or higher, and ENG 101 and ENG 102 (can be concurrent), or ENG 111 (can be concurrent).	S - Spring
KINE	0310	Theory and Technique of Elementary Physical Education I	C3	3.00		Designed to provide pedagogical knowledge and application necessary for instruction of physical education with the elementary school child. Emphasis on motor skill instruction and analysis, curricular design, lesson planning, and class management. Enrollment restricted to Physical Education majors. Prerequisite: KINE 251 or KINE 252.	F - Fall
KINE	0311	Physical Education for the Elementary School	C3	2.00		Provides elementary education candidates with the skill, content and pedagogical knowledge necessary to design and implement an interdisciplinary physical education program. Emphasis is on development of the total child through physical activity. Prerequisite: EDUC 329 or concurrent enrollment in EDUC 329.	F - Fall S - Spring
KINE	0312	Theory and Technique of Elementary Physical Education II	C3	3.00		Designed to provide pedagogical knowledge and practical experience for instruction in the elementary school physical education setting. Emphasis on motor learning, physical fitness assessment, unit planning, and lifetime activity and sport instruction. Includes a 12-15 hour field experience. Prerequisite: KINE 310.	S - Spring
KINE	0321	Theory and Technique of Secondary Physical Education	C3	3.00		Offers pedagogical considerations necessary to develop teaching methodologies relative to lesson plan construction, class organization, and evaluation of students. Teaching sessions will provide the opportunity to experience a variety of teaching methods and organizational styles. Enrollment restricted to Physical Education majors. Prerequisite: KINE 251 or KINE 252.	S - Spring
KINE	0325	Practicum in Sports Medicine	C3	2.00		Designed to provide the student the opportunity to observe and participate in athletic training procedures performed on athletes in the MSSU athletic training facility. (80 hours). Can be repeated once for additional credit. Prerequisites: ENG 101 and ENG 102 (can be concurrent) or ENG 111 (can be concurrent, KINE 220 and permission of instructor.	F - Fall S - Spring
KINE	0332	Theory and Technique of Movement and Rhythms	C3	3.00		Designed to develop content knowledge and pedagogical skill in the area of dance and rhythmic activities developmentally appropriate for the PK-6 elementary physical education curriculum. Emphasis on movement concepts through activities involving creative dance, singing games, dances of American origin, international folk dances, and a variety of rhythmic activities. Students are expected to demonstrate a minimum level of proficiency in activities. Prerequisite: KINE 251 or 252.	F - Fall S - Spring
KINE	0340	Motor Learning	C3	3.00		Study of how humans learn to control and coordinate voluntary motor movements. Course will provide practitioners with knowledge of the neuroscience of motor learning, and skills to design instructional sessions for a wide range of learners. This course will provide understanding of how physical, intellectual, social, and emotional factors affect the acquisition of motor skills. Prerequisites: KINE 103 or 113 AND ENG 102 or ENG 111.	F - Fall S - Spring SU - Summer
KINE	0342	Biomechanical Analysis of Movement	C3	3.00		A bio-mechanical approach to the study of forces on the human body with an emphasis on performance improvement, injury prevention, and rehabilitation in sport and exercise. Prerequisite: BIO 180 or BIO 201 or BIO 221, ENG 101 and ENG 102 (may be concurrent) OR ENG 111 (may be concurrent), KINE 103 or 113, MATH 125 or higher.	F - Fall S - Spring
KINE	0345	Statistics in Kinesiology	C3	2.00		Designed to introduce students to the techniques of measuring and evaluating performance. Includes preparation and administration of skills, fitness, and written tests along with statistical procedures for data analysis. Prerequisites: ENG 102 or ENG 111, and KINE 103 and KINE 116, and MATH 125 or higher.	F - Fall S - Spring
KINE	0351	Exercise Interventions	C3	3.00		Designed around the study of skills and instructional strategies involved in selected lifetime activities commonly found in health and fitness environments. Enrollment restricted to Health Promotion and Wellness majors. Prerequisites: KINE 103 or KINE 113 and KINE 114.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
KINE	0352	Administration in Health Promotion	C3	3.00		Prepares students for administration of health promotion programs/interventions, exploring such areas as leadership, professional ethics, decision-making, capacity building and collaboration. Health promotion theories, models, and evidence-based strategies will be examined and applied to the process of planning, implementation and evaluation of health promotion programs. Required and limited to students seeking a degree in Health Promotion and Wellness or certificate in Population Health. Prerequisites: KINE 103 or 113, ENG 102 or 111, KINE 295.	F - Fall S - Spring
KINE	0355	Lifetime Sports Academy Practicum	C3	1.00		A one-week practicum designed to provide students with practical teaching experience of children in lifetime sports and recreational activities. The Lifetime Sports Academy is held annually on the campus of Missouri Southern State University during the second week of June and is open to all elementary-aged children. Required of Physical Education majors. Can be repeated once for additional credit.	SU - Summer
KINE	0365	Psychological Aspects of Physical Education	C3	2.00		Behavior exhibited in the learning of skills and physical performance related to psychological concepts connected with the demands of physical activities. Particular attention given to self-efficacy, motivation, and participation and their effect on physical performance and personal wellness.	F - Fall
KINE	0366	Social Aspects of Physical Education	C3	2.00		Knowledge of the sociological aspects of physical activity relevant to physical education in schools. Particular attention given to the role of physical activity in social, ethical, and moral development of citizens.	S - Spring
KINE	0367	Socio-Psychological Aspects of Physical Education	C3	3.00		Behavior exhibited in the learning of skills and physical performance related to sociological and psychological concepts connected with the demands of physical activities. Particular attention is given to self-efficacy, motivation, and participation and their effect on physical performance and personal wellness. Prerequisite: KINE 113 or KINE 103.	F - Fall S - Spring
KINE	0370	Physical Education and Health for the Elementary School Teacher	C3	2.00		Provides elementary education candidates with the skill, content and pedagogical knowledge necessary to design and implement an interdisciplinary physical education and school health program. Emphasis is on development of the total child through physical activity. Prerequisite: A biology course and 60 hours.	F - Fall S - Spring
KINE	0375	Physical Activity for Special Populations	C3	3.00		Provides information and strategies to assist professionals in designing and implementing appropriate physical activity programs for individuals with disabilities. Course includes out of class and off-campus activities. Prerequisites: KINE 103 or KINE 113; PSY 100; ENG 102 or ENG 111.	F - Fall S - Spring
KINE	0380	Research Methods in Health and Exercise Science	C3	3.00		Provides an introduction to different types of research, current research practices in health and exercise science, and applied experiences with designing research studies. Learning experiences include analyzing and interpreting research, designing a research study, writing a research proposal, and implementation. Prerequisites: KINE 345 OR PSY 320.	F - Fall S - Spring
KINE	0385	Nutrition for Human Development	C3	3.00		Students will examine nutrition associated with human development and performance. Emphasis on the physiological and biochemical basis of nutrient absorption and utilization. Particular attention will be given to evaluating and developing strategies for optimal nutrition at various life stages. Prerequisite: any biology or chemistry course,	F - Fall S - Spring SU - Summer
KINE	0386	Food Preparation	C3	3.00		The application of principles of food service production and management, including production, service and food sanitation and safety. The management of human resources, food, equipment and facilities to provide a quality product and service to customers will be taught in the lecture and applied in the laboratory portion of the course. Prerequisites: KINE 385 and EH 377.	S - Spring
KINE	0387	Diet and Disease	C3	3.00		Focuses on assessing the nutritional status of individuals and on the biochemical and pathophysiological bases of diseases and conditions that requires specialized nutrition support or medical nutrition therapy. Students will examine food patterns as they relate to the prevention and management of common non-communicable disease and develop skills using the Nutrition Care Process. Prerequisites: KINE 385, and BIO 201 or BIO 221 or BIO 180.	F - Fall
KINE	0395	Practicum in Wellness	C3	3.00		Students will gain experience in planning, implementing, and evaluating various aspects of health promotion programs. Knowledge of wellness programs will be enhanced by the development and refinement of skills appropriate to the discipline. Out of class opportunities will include working with organizations within the community. A 20 clock-hour field-based component is a requirement for this course. Prerequisites: KINE 295 and KINE 352 and KINE 103 or 113, and ENG 102 or ENG 111. Instructor approval.	F - Fall S - Spring
KINE	0396	Practicum in Coaching	C3	3.00		The student will gain practical experience in planning, implementing and evaluating various components of coaching in a variety of team and individual sports. Prerequisite: 60 hours AND permission of the department chair. Fee required.	
KINE	0431	Physiology of Exercise	C3	3.00		Designed for students already having prerequisite knowledge of human physiology. Emphasis is on human responses to varying levels of physiological conditioning and environment within which the exercise is taken. Course content includes physiological principles to better understand human physiology under exercise stress. Prerequisites: KINE 103 or 113, and BIO 201 or 221 or 180, and KINE 342 and KINE 385.	F - Fall S - Spring
KINE	0432	Physiology of Exercise Laboratory	C3	2.00		Provides hands on experience in assessing certain physiological, anthropometric, and performance related measurements. Prerequisites: ENG 101 and ENG 102 or ENG 111 AND KINE 103 or 113, AND KINE 431 (concurrent or prerequisite).	F - Fall S - Spring
KINE	0434	Clinical Physiology of Exercise Laboratory	C3	3.00		Provides hands on experience in assessing certain physiological, anthropometric, and performance related measurements. Emphasis is placed on research methods used in the field of Exercise Physiology. Prerequisites: KINE 103 or KINE 113, AND BIO 180, BIO 201 or BIO 221, AND KINE 380 or BIO 390. Prerequisite or co-requisite: KINE 342 and KINE 431.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
KINE	0435	Exercise Prescription	C3	3.00		Designed to enhance students' ability to understand the underlying physiology of health, disease, fitness, and performance and understand how exercise might be prescribed to healthy, clinical, and special populations. Emphasis is on exercise prescription to improve health and fitness, prevent of chronic disease, and train for performance. Prerequisites: KINE 116, KINE 431, and KINE 432.	F - Fall S - Spring
KINE	0438	Applications in Physical Education	C3	1.00		This course is designed to prepare physical education teacher candidates for the transition from student to the professional semester and the teaching profession. Emphasis will be on writing in the profession, creating a professional learning log, discussion in preparation of the student teaching experience, pedagogy and assessments, creating a 21st century assessment plan, preparation of a personal professional portfolio, research and critical discussion of current issues, trends and expectations within the profession. Recertification in American Red Cross Adult & Pediatric First Aid/CPR/AED is required. Restricted to Physical Education candidates the semester prior to student teaching. There will be additional supply costs associated with this course. Prerequisites: Jr. Block or concurrent enrollment.	F - Fall S - Spring
KINE	0450	Prevention & Care of Injuries	C3	3.00		Designed to provide knowledge related to the prevention, care and rehabilitation of athletic related injuries. Students receive certification through the American Red Cross in Basic Life Support (BLS). Prerequisites: KINE 220 (course may not be taken simultaneously) and KINE 342 or permission of the department chair.	F - Fall S - Spring
KINE	0475	Applications in Exercise Science Research	C3	3.00		Students design and conduct individual research projects in the field of Exercise Science. Projects will include a review of scholarly literature, collection of data, analysis of data and interpretation of results. Students will communicate their research in both an APA format paper and an oral presentation, including a poster presentation. Prerequisites: KINE 103 or KINE 113, KINE 380 or BIO 390. Prerequisite or corequisite: KINE 342 and KINE 432.	
KINE	0488	Community Nutrition, Lion Co-op Experiential Learning	C3	3.00		Will provide students with community engagement, and service learning opportunities focused on health and wellness. This is an interdisciplinary course where students will participate in both in interdisciplinary team project and a discipline specific project that is focused on the goals and objectives of the Lion Co-op and on expanding their understanding of the role of social determinants in health and wellness. Prerequisites: KINE 103, ENG 102/111 and MATH 125 and minimum of 60 hours.	
KINE	0491	Internship in Kinesiology	C3	3.00	6.00	Extensive internship (120 hrs) providing the opportunity for students to be an integral component of a wellness, health, or exercise facility. Students and on-site supervisor will develop a contractual agreement that provides specific learning experiences for the internship in accordance with the student learning objectives. Prerequisites: Health Promotion and Wellness or Exercise Science major, cumulative GPA of 2.5, 60+ hours, KINE 240 with a grade of C or higher, application submitted at least one semester in advance with approval of department.	F - Fall S - Spring SU - Summer
KINE	0498	Seminar in Health or Physical Education	C3	1.00	3.00	A thorough study of an advanced problem in health or physical education for selected students. Prerequisites: senior standing, and permission of department head.	F - Fall S - Spring
KINE	0499	Independent Study	C3	1.00	3.00	Research of a problem or field of study relating to kinesiology. Material, content, credit, and schedule to be arranged by the department head. Prerequisites: senior standing, 3.0 GPA in major, and permission of department head.	F - Fall S - Spring
LDSP	0301	Foundations of Leadership	C2	3.00		Introduces the student to the study of leadership and the founding principles of what a leader is. Current and emerging theoretical and practical knowledge for understanding leadership topics include behavior, motivation, coaching, negotiation, strategy, crisis, and change leadership. Prerequisites: ENG 101 and ENG 102 or ENG 111.	F - Fall S - Spring
LOGT	0340	Principles of Transportation	C2	3.00		Principles of Transportation examines forms of transportation and institutional factors that influence transportation decisions; regulation, public policy, and other governmental variables are reviewed in detail. An introduction to physical distribution's interaction with transportation is explored.	S - Spring
LOGT	0345	Business Logistics	C2	3.00		A survey of the management of logistic functions in the firm, including physical supply and distribution activities such as transportation, storage facilities, inventory control, materials handling, warehousing, financing, and organization.	F - Fall S - Spring
LOGT	0360	Supply Chain Management	C2	3.00		A survey of basic supply chain management structures within and between organizations. Emphasis on collaboration and planning related to major functional areas required to organize the flow of products and services.	S - Spring
LOGT	0491	Logistics Professional Internship	C2	1.00	3.00	Intended to provide the student with "real-world professional" experience in the area of Logistics by working with an external organization. All internships must conform to institutional policy regarding the number of hours of work, the number of credit hours and written agreements with the cooperating business or agency. Students interested in pursuing an internship must start the application process the semester before they intend to work. Prerequisite: 60 hours, 3.0 GPA minimum, and department approval. Repeatable up to six credit hours. Graded credit/no credit.	D - Demand
MATH	0020	Beginning Algebra	C2	3.00		The real number system, solving and graphing linear equations and inequalities, applications of linear equations, and systems of linear equations. No credit toward baccalaureate degree.	F - Fall S - Spring SU - Summer
MATH	0025	Accelerated Beginning Algebra	C2	2.00		Linear equations and inequalities with applications, graphing linear equations, systems of linear equations and inequalities, exponents. Other topics may be covered as time permits. Designed as a preparation for intermediate algebra for those students already having mastered real number arithmetic and solution of basic linear equations. No credit toward baccalaureate degree. Prerequisite: One year of high school algebra and score of at least 16 on the ACT Mathematics Section or qualifying score on the Mathematics Placement test.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MATH	0030	Intermediate Algebra	C2	3.00		Factoring, solving quadratic equations, operations on polynomials, operations on rational expressions, solving rational equations, operations on radicals, solving radical equations. Prerequisite: A Math ACT score of 19 (or higher) or Math 020 or Math 25 with a grade of 'C' or better. No credit towards a baccalaureate degree.	F - Fall S - Spring SU - Summer
MATH	0119	Math for Elementary Teachers I	C2	3.00		The real number system and its subsystems, relations and functions, numeration systems. Relevant topics from Math 30 are included in the course. Prerequisite: A Math ACT score of 19 (or higher) or MATH 020 with a grade of 'C' or better.	F - Fall S - Spring
MATH	0120	Math for Elementary Teachers II	C2	3.00		A continuation of MATH 119. Geometric concepts in two and three dimensions, measurement, constructions, similarity, probability and statistics. This course satisfies the general education mathematics requirement for elementary education majors. Prerequisite: MATH 119 with a grade of 'C' or higher or permission of department.	F - Fall S - Spring SU - Summer
MATH	0125	Contemporary Mathematics	C2	3.00		An introduction to various areas of mathematics, such as geometry, statistics, set theory, algebra and other topics. Relevant topics from MATH 030 are included in the course. Satisfies the general education mathematics requirement. Prerequisites: A Math ACT score of 19 (or higher) or MATH 020 with a grade of 'C' or higher. Note: MATH 125 does not satisfy the prerequisites for MATH 130. MOTR: MATH 120	F - Fall S - Spring SU - Summer
MATH	0129	Finite Mathematics	C2	3.00		This course is designed for majors in the School of Business. The main topics for the course include: Functions and graphs (linear, polynomial, exponential, and logarithmic), linear programming, sets and probability, and an introduction to statistics. All topics emphasize applications in a business environment. Prerequisite: A Math ACT score of 22 (or higher) or MATH 030 with a grade of 'C' or better.	D - Demand
MATH	0130	College Algebra	C2	3.00		A study of functions and their graphs; including linear and quadratic, polynomial, rational, exponential, and logarithmic functions. The primary purpose of this course is to assist students in preparing for Calculus. Prerequisites: A Math ACT score of 22 (or higher) or MATH 030 with grade of 'C' or higher. Note: MATH 125 does not satisfy the prerequisite for MATH 130. MOTR: MATH 130	F - Fall S - Spring SU - Summer
MATH	0135	Trigonometry	C2	3.00		Trigonometric functions and applications, right triangle trigonometry, radian measure and applications, graphing trigonometric functions, using and verifying trigonometric identities, using sum, difference, half, and double angle formulas, solving trigonometric equations, inverse trigonometric functions, the law of sines and the law of cosines. The primary purpose of this course is to assist students in preparing for Calculus. Prerequisite: A Math ACT score of 22 (or higher) or MATH 030 with grade of 'C' or higher.	F - Fall S - Spring SU - Summer
MATH	0140	Algebra and Trigonometry	C2	5.00		Equivalent of MATH 130 and MATH 135. Prerequisites: A Math ACT score of 22 (or higher) or MATH 030 with a grade of 'C' or higher. Only two hours credit for students with MATH 135 or MATH 130 credit. No credit for students with credit for MATH 130 and MATH 135. MOTR: MATH 150	D - Demand
MATH	0150	Calculus with Analytic Geometry I	C2	5.00		Limits, differentiation, and integration of algebraic and transcendental functions as well as the application of these concepts to real world situations. Prerequisite: MATH 140 with a grade of 'C' or higher or a Math ACT score of 27 (or higher).	F - Fall S - Spring
MATH	0250	Calculus with Analytic Geometry II	C2	4.00		Techniques of integration. Infinite series. Parametric equations and polar coordinates. Applications to physical problems. Prerequisite: MATH 150 with a grade of 'C' or better.	S - Spring
MATH	0260	Calculus with Analytic Geometry III	C2	4.00		Vectors and vector functions, partial differentiation, multiple integrals, vector calculus. Applications to physical problems. Prerequisite: MATH 250 with a grade of 'C' or better.	F - Fall
MATH	0300	Fundamentals of Mathematical Thought	C2	3.00		Introduction to proofs, sets, logic, predicate calculus, relations, partitions, functions, and cardinality. Includes topics in number theory, discrete mathematics, analysis, and algebra. Prerequisite or co-requisite: MATH 250.	S - Spring
MATH	0302	Applied Calculus	C2	3.00		Calculus applications of differentiation and integration in business, social science, life sciences, and engineering technology. Prerequisites: MATH 129 or MATH 130 with a grade of 'C' or better. Will not count toward a major or minor in mathematics.	S - Spring
MATH	0310	Elementary Statistics	C2	3.00		Provides a basic statistical background for the various majors for advanced study in their specialties. Topics to be covered include data summary, measures of central tendency and variation, linear regression, and hypothesis testing with applications to health, social, managerial, biological and physical sciences. This course satisfies the general education requirements in mathematics. Prerequisite: MATH 120 (or higher) with a grade of 'C' or better.	F - Fall S - Spring SU - Summer
MATH	0312	Problems of Teaching Arithmetic in the Elementary Schools	C2	3.00		(See Educ 312 for description.) Will not count toward a major in mathematics.	F - Fall S - Spring SU - Summer
MATH	0315	Algebraic Structures for Teachers	C2	3.00		An introduction to modern algebra: Sets, relations and functions, groups, rings, integral domains, and fields. The course will emphasize activities that incorporate these topics in the middle school/junior high mathematics curriculum. Will not count toward a major in mathematics. Prerequisite: MATH 150 with a grade of 'C' or better.	SU - Summer
MATH	0322	Differential Equations	C2	3.00		Ordinary differential equations of first and second order, linear equations with constant coefficients, Laplace transforms, power series solutions, numerical solutions, with applications. Prerequisite: MATH 250 with a grade of 'C' or better.	D - Demand
MATH	0330	History of Math	C2	3.00		A multicultural approach to the history of mathematics from the beginnings to the discovery of Calculus. A study of the people and ideas that have shaped events in mathematics history. Historical and contemporary problems that reinforce ideas and methods of the past and present. Construction of a world map depicting important times and places in history. Prerequisite: MATH 250 with a grade of 'C' or better.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MATH	0332	Geometry	C2	3.00		Geometric theory from a modern axiomatic viewpoint. Includes an introduction to finite, projective, Euclidean and non-Euclidean geometries. Prerequisite: Math 150 with a grade of 'C' or better.	FE - Fall-Even
MATH	0339	Teaching Mathematics in Secondary Schools	C2	3.00		Introduction to the instructional planning, materials, and methods of teaching mathematics in the secondary schools. Includes brief survey of the history of algebra and trigonometry. Part of the Professional Semester. Will not count toward a major in mathematics.	D - Demand
MATH	0340	Discrete Mathematics	C2	3.00		The course is designed as an introduction to discrete mathematics which serves as a foundation for topics in computer science. Topics include: foundations of discrete mathematics, algorithms, graphs/trees, Boolean algebra, recurrence relations, combinatorics, and other topics as time allows. Prerequisite: MATH 150 with a 'C' or better.	FO - Fall-Odd
MATH	0342	Abstract Algebra	C2	3.00		The course is designed as an introduction to algebra. Topics include: groups, permutations, cosets, homomorphisms, factor groups, rings, fields, integral domains, and ideals. Prerequisite: MATH 300 with a grade of "C" or better.	FO - Fall-Odd
MATH	0350	Introduction to Numerical Analysis	C2	3.00		Error analysis, solution of polynomial and transcendental equations, collocation polynomials, matrix methods, numerical differentiation and integration. Prerequisite: MATH 250 with a grade of 'C' or better and CIS 110 or higher with a grade of 'C' or better.	FO - Fall-Odd
MATH	0351	Linear Algebra	C2	3.00		Algebra of linear equations and matrices, vector spaces, linear mappings and transformations, determinants, bilinear and quadratic forms, linear functionals, vector inner products and cross products. Prerequisite or corequisite: MATH 300.	SO - Spring-Odd
MATH	0361	Probability and Statistics I	C2	3.00		Theory of probability using concepts and methods of calculus. A study of discrete and continuous distributions. The central limit theorem. Corequisite: MATH 260.	FE - Fall-Even
MATH	0371	Introduction to Operations Research	C2	3.00		Operations research/management science for computer science and mathematics students. Topics includes linear and integer programming, project scheduling, inventory models and queuing theory. Prerequisite: MATH 250 and CIS 210 or equivalent computer programming ability.	SE - Spring-Even
MATH	0375	Seminar in Advanced Problem Solving	C2	1.00		Techniques, strategies, and reasoning tools useful for solving sophisticated mathematical problems from various areas and combinations of areas of mathematics. Prerequisite: MATH 300 with a grade of 'C' or better.	D - Demand
MATH	0407	Overcoming Math Anxiety	C2	2.00		Designed to help students overcome their personal mathematics anxiety, this course will also teach students how to stop the math anxiety cycle for their prospective elementary school students. Using a variety of intervention strategies and instruction in elementary education mathematics and mathematics education pedagogy, the course will enable students to help reduce, prevent, and eliminate fear and avoidance of mathematics in future generations of students. Prerequisite: MATH 111 or MATH 119.	D - Demand
MATH	0421	Introduction to Advanced Calculus	C2	3.00		Methods of real analysis, basic topology of real numbers, sequences and series, the derivative and the Riemann integral. Prerequisite: MATH 300 with a grade of 'C' or better.	FE - Fall-Even
MATH	0452	Mathematical Models	C2	3.00		Applying mathematics in formulating and analyzing models for real world problems. Topics include deterministic models, graphs as models, stochastic models and computer simulation. Prerequisite MATH 260 with a grade of C or better and CIS 210 with a grade of C or better or equivalent computer programming ability.	D - Demand
MATH	0462	Probability and Statistics II	C2	3.00		Distributions of discrete and continuous random variables, sampling distributions and estimation of parameters. Investigation of the techniques of hypothesis testing, correlation, and regression. Prerequisite: MATH 361 with a grade of 'C' or better.	SE - Spring-Even
MATH	0485	Topics in Mathematics	C2	3.00		Advanced topics in mathematics. Each year a topic will be chosen from Complex Variables, Number Theory, Partial Differential Equations, Discrete Mathematics, Topology, and Numerical Analysis, with the possibility of additional topics subject to demand. Prerequisites: MATH 260 with a grade of 'C' or better, with additional prerequisites depending on the topic.	S - Spring
MATH	0498	Advanced Topics in Mathematics	C2	1.00	3.00	Designed to give advanced instruction in some area of mathematics not covered in other courses. For upper division majors. Prerequisites to be determined by the department.	D - Demand
MATH	0499	Independent Study	C2	1.00	3.00	Course structured by the adviser with approval of the department head and school dean. Prerequisite: Advanced standing in the major field with a grade point average of 3.0. Students must make application several weeks in advance. Registration must be approved by the adviser, department head, and school dean. See department head for details.	D - Demand
MATH	0500	Introduction to Abstract Mathematics	C2	3.00		A review/introduction to proofs, sets, logic, predicate calculus, relations, partitions, functions, group theory, and analysis. Includes topics in number theory, discrete mathematics, analysis, and algebra. Prerequisite: An undergraduate degree in Mathematics, Mathematics Education, or a closely related discipline.	S - Spring
MATH	0510	Computer Prog for Mathematics	C2	3.00		An introduction to scientific programming in Python. Introductory topics include data structures and types, loops, flow-control statements and functions. In addition students will use SymPy, NumPy, Matplotlib, and SciPy modules for solving problems common in mathematics, physical or applied sciences. Prerequisite: an undergraduate degree in Mathematics, Mathematics Education, or a closely related discipline.	SU - Summer
MATH	0526	Statistical Analysis	C2	3.00		Provides a basis for understanding and evaluating statistical studies as well as teaching participants a wide variety of statistical analysis techniques. Topics include: data collection, observational vs experimental studies, linear regression, and hypothesis testing involving proportions and means. Course includes applications in a variety of fields including: education, social science, criminal justice, medicine, biology and business. Prerequisite: college algebra or higher.	F - Fall S - Spring SU - Summer
MATH	0530	Real Analysis	C2	3.00		The real numbers as an extension of the set of rationals, completeness of the reals, metric spaces, compact and connected sets, convergence of sequences and series, continuity, differentiation, Taylor's Theorem, Riemann-Stieltjes Integration. Prerequisite: MATH 500 with a 'C' or higher.	F - Fall

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MET	0100	Introduction to Machine Tool Processes	C2	3.00		Provides the foundation to the theory and safe operation of machine tools. The fundamental practices covered will include shop safety, basic mathematics, blueprint reading, bench work, precision measurement, metal sawing, drills and drilling, and the operation of engine lathes and mills. Two hours lecture, two hours lab. Prerequisites: students must have a Math ACT score of 19 or higher, or MATH 20 (or higher) with a grade of 'C' or better, or ACT WorkKeys Applied Mathematics Test Level 6 or higher.	F - Fall S - Spring
MET	0111	OSHA 10-Hour General Industry	C2	1.00		Emphasizes recognizing and preventing hazards in general industry workplace settings. Students will be introduced to OSHA standards as well as general industry safety and health workplace practices covered in CFR 1910. Students must attend all lectures and pass a written exam to obtain the OSHA 10-Hour completion card. Cross-listed with EH 111.	D - Demand
MET	0200	Computer Numerical Control	C2	3.00		Provides the foundation to numerical programming and the safe operation of Vertical machining centers. Students learn to generate numerical code from blueprints, perform tool/part set-ups, upload programs, and manufacture parts using vertical machining centers. Two hours lecture, two hours of lab. Prerequisites: MET 100 and IET 115.	S - Spring
MET	0210	Industrial Robotics	C2	3.00		This course will provide the student with the ability to program industrial automation to perform multiple processes. Also, students will learn to operate and maintain automation safely in a manufacturing environment. Two hours lecture, two hours lab.	S - Spring
MET	0220	Introduction to Programmable Logic Controllers	C2	3.00		This course is designed to provide students with an understanding of how transducers can be used in an industrial setting. Students will understand the basic components of a PLC, ladder logic, power supply, and the wiring of inputs and outputs. Programming labs will allow the student to control automation devices to work within a simple manufacturing system. Two hour lecture, two hour lab.	F - Fall
MET	0240	Engineering Materials	C2	3.00		Introduction to materials currently used in today's manufacturing settings with emphasis on metals, plastics, ceramics, and composites. Laboratory activities involve both manual and computer assisted testing. Two hours lecture and two hours of lab. Prerequisites: Students must have Math 130 or higher (not Math 129 or 135) with a grade of "C" or better or Math ACT score of 27 or higher.	S - Spring
MET	0245	Manufacturing with Metals	C2	3.00		Practical introduction to metals and alloys with emphasis on optimal use of materials in a variety of manufacturing applications. This course focuses on providing an understanding of how and when materials are used, examining specific applications and their requirements and relating those requirements to the properties of various materials. Criteria for appropriate materials selection as well as techniques for maintaining control over material properties during processing will be illustrated. Two hours lecture and two hours lab per week. Prerequisites: students must have MATH 130 or higher (not MATH 129, 131 or 135) with a grade of 'C' or better or a Math ACT score of 27 or higher.	F - Fall
MET	0298	Topics in Manufacturing Technology	C2	1.00	8.00	Special topics in new or emerging manufacturing technology not normally included in another course. Prerequisites specified by the department in a course syllabus.	D - Demand
MET	0302	CNC Project & Cost Analysis	C2	2.00		Focuses on the development and realization of a CNC project. Students will apply their knowledge of engineering graphics, engineering material & selection, economics, project management, and computer numerical control concepts on vertical machining centers for an integrative experience during the executing and delivering stage of a CNC project. Four hours lab per week. Prerequisites: IET 115, IET 300, MET 200, MET 240, MET 301.	F - Fall
MET	0330	Automation Maintenance and Troubleshooting	C2	3.00		Designed to provide students with the methods and skills to maintain and repair automation. Topics covered will be preventative maintenance, fault analysis, and problem solving mechanical breakdowns. Students will review best practices and apply on lab automation systems. Two hours lecture, two hours lab. Prerequisite: MET 210 Industrial Robotics & MET 220 Introduction to Programmable Logic Controllers.	S - Spring
MET	0491	Internship in Manufacturing Engineering Technology	C2	1.00	3.00	This course is intended to provide the student with "real-world professional" experience in the area of Manufacturing by working with an external organization. The Engineering Technology department has several placement opportunities available to students. Students interested in pursuing an internship must start the application process the semester before they intend to work. Prerequisites: 60 hours, 3.0 GPA minimum, and department approval. Repeatable up to six credit hours. Graded credit/no credit.	D - Demand
MET	0498	Adv. Topics Mfg. Technology	C2	1.00	3.00	Covers specialized knowledge and skills related to new developments in manufacturing technology. Topics will vary by the semester and situation. Prerequisite: Senior standing in management-technology or an associate degree in manufacturing technology.	D - Demand
MET	0499	Independent Study in MT	C2	1.00	3.00	Individually directed reading, research, and report preparation in selected areas of contemporary manufacturing technology, for advanced majors. Scope, depth, and area of concentration and credit will be arranged when enrolling in the course. Offered by arrangement. Prerequisite: Completion of required manufacturing technology courses with minimum 3.0 GPA and permission of instructor, department head, and school dean.	D - Demand
MGMT	0237	Using Information Systems	C2	3.00		Principles of information systems in the business environment. This course provides a basic understanding of data manipulation, evaluation and summarization to be used in the decision making process. Includes file management skills, Internet skills and the use of Microsoft Office programs. Prerequisite: Basic knowledge of the Windows operating system.	F - Fall S - Spring
MGMT	0298	Topics in Management	C2	0.50	3.00	Special topics in Management. Topics to be announced each time the course is offered.	

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MGMT	0337	Management Information Systems	C2	3.00		The course is designed to examine the use of information systems to support the management and business activities of an organization. The topics include: the fundamentals of hardware and software, database management, data communications, transaction processing information systems, decision support systems, information reporting systems, office automation, networks, tapping the internet, expert systems, problem analysis, system analysis and design, and current and future management information system trends.	F - Fall S - Spring
MGMT	0350	Fundamentals of Organizational Management	C2	3.00		A study of the fundamentals and functions of organizational management including planning, decision making, organization, leading, and controlling from individual and group behavior perspectives. Prerequisite: ENG 101/102 or equivalent. Cross-listed as HS 350.	F - Fall S - Spring SU - Summer
MGMT	0352	Human Resources Management	C2	3.00		Human Resource Management includes the principles and practices of management with emphasis on the human factors, including procurement, development and maintenance of an effective work force. Prerequisite: MGMT 350 or consent of instructor.	F - Fall S - Spring SU - Summer
MGMT	0354	Quality Management	C2	3.00		Quality Management (QM) is an overview of an evolving philosophy for continuous improvement of products, processes, and services to enhance quality while reducing costs. It is a management/technical/cultural approach to the integration of all systems and processes of an enterprise to achieve "customer" satisfaction. Prerequisites: MGMT 350, or consent of instructor.	F - Fall S - Spring SU - Summer
MGMT	0411	Employment Law	C2	3.00		A primary emphasis on the legal regulation of employment, including Title VII of the Civil Rights Act, the Americans with Disabilities Act, the Age Discrimination in Employment Act, and the Equal Pay Act. Areas covered include race, color, gender, age, religion and disability discrimination, as well as sexual harassment, retaliation claims, affirmative action, workers' compensation, and privacy issues. A secondary emphasis is on the National Labor Relations Act, including union organizing, unfair labor practices, and collective bargaining agreements. Prerequisite: Junior standing, MGMT 352.	F - Fall S - Spring
MGMT	0431	Operations Management	C2	3.00		Principles and decision analysis related to the effective utilization of the factors of production and operations in manufacturing activities for both intermittent and continuous systems. The study of operations management, analytical models and methods, facilities design, and the use of computer modeling for control systems for effective production operations. Prerequisite: GB 321.	F - Fall S - Spring SU - Summer
MGMT	0441	Organizational Behavior	C2	3.00		The purpose of this course is to introduce the student to the study of individual and group behavior within an organization. Current and emerging theoretical and practical knowledge for understanding topics such as motivation, leadership, managerial decision-making, group processes, and conflict resolution. Prerequisite: MGMT350.	D - Demand
MGMT	0443	Organizational Staffing	C2	3.00		Explores the staffing function of organizations, or the processes through which organizations attract and retain the workforce quantity and quality needed to achieve organizational goals. Students will learn about the various activities and decision-making processes associated with the recruitment and selection of employees, while exploring the strategies organizations employ to retain and deploy human capital effectively and efficiently. Prerequisite: MGMT352.	F - Fall S - Spring
MGMT	0445	Compensation and Benefits Management	C2	3.00		This course studies the principles and practices of compensation and benefit management, with an emphasis on strategic analysis, as well as current human resource theory and practices. The course examines the field of compensation and benefits by addressing both intrinsic and extrinsic issues as well as the basis for compensation, compensation systems, benefits, executive compensation, and the international implications of the global economy. Prerequisites: MGMT 350, MGMT 352 and GB 321 or consent of the instructor.	D - Demand
MGMT	0447	Employee Training and Development	C2	3.00		An examination of current practices and research in the area of employee training and development to include needs analysis, instructional design, and the evaluation of training in organizations. Additional course topics include the strategic role of training, learning management, knowledge management, as well as employee and career development. Prerequisites: MGMT 350 and MGMT 352.	D - Demand F - Fall S - Spring
MGMT	0452	Strategic Management	C2	3.00		A capstone course integrating business disciplines with formal analyses of the organization's macro and industry environment; mission and goals; and strategy formulation, implementation, and control using computer simulation and/or the case method approach. MGMT 452 should be taken during the last semester of university work. Prerequisites: Senior standing, MRKT 300, MGMT 350 and FIN 350.	F - Fall S - Spring SU - Summer
MGMT	0491	Internship in Management	C2	1.00	6.00	An internship for senior management students with an opportunity to observe and participate in actual business operations within the community. All internships must conform to institutional policy regarding the number of hours of work, the number of credit hours and written agreements with the cooperating business or agency. Prerequisites: 60 hours, 3.0 GPA and department approval. Repeatable up to six credit hours. Graded credit/no credit.	D - Demand
MGMT	0498	Topics in Management	C2	1.00	3.00	For upper-division students. Topics to be announced each time the course is offered. Prerequisite: Senior standing or permission.	D - Demand
MGMT	0499	Independent Study in Management	C2	1.00	6.00	Individually directed readings, research and discussion in selected areas of Management for advanced majors. Scope, depth, area of concentration and credit to be arranged upon entry into course. Offered by arrangement. Prerequisites: Permission and a minimum 3.0 GPA. Repeatable up to six credit hours.	D - Demand
MGMT	0501	Law and Ethical Leadership	C2	3.00		Examines the interpretation and application of law to business leaders. It incorporates the study of ethical issues that arise in contemporary business settings, including professional conduct and corporate social responsibility. This course covers some areas of legal regulation to which businesses are subject, including tort liability, employment and labor law, and financial regulation. Emphasis is placed on active, experiential application of legal reasoning and analysis and on the global and comparative dimensions of legal and ethical issues. Prerequisites: None.	

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MGMT	0520	Managerial Communication	C2	3.00		Emphasizes the importance of interpersonal relations and professional writing and presentation skills. Organizational communication theories specifically pertaining to management will be covered. A variety of interpersonal communication issues will also be covered.	
MGMT	0521	Data Analytics for Managers	C2	3.00		Designed to introduce the student to the analysis of problems for business decision making. The course covers data analysis, business modeling and simulation of complex problems. Students will utilize Excel for analysis, modeling and simulation.	
MGMT	0541	Organizational Behavior	C2	3.00		Introduces the principles of organizational behavior used by leaders to manage people to create effective organizational outcomes. It stresses understanding human behavior in organizations, team dynamics, management practices, and organizational structure.	
MGMT	0550	Contemporary Management	C2	3.00		A study of management principles. Students will discover the history of management. The pillars of planning, organizing, leading, and controlling are explored as a basis for managing limited resources to achieve organizational goals. Students will also be exposed to general environmental and legal factors of modern business and their impact on managing people and processes. This course also generally discusses leadership, team dynamics, and individual and group behavior.	
MGMT	0552	Strategic Management and Business Policy	C2	3.00		In-depth analysis of industries and competitors, and how to build and defend sustainable competitive advantages in forming a successful competitive strategy.	F - Fall
MGMT	0631	Operations & Resource Planning	C2	3.00		Designed to introduce the student to some of the problems, models and solution methodologies in the field of Operations and Resource Planning. The course is broadly divided into two sections: i) System design, and ii) System operations and control. System design usually deals with strategic decisions requiring long-term commitments. Some examples are planning the location of the facility, process selection and capacity planning, and planning the layout of a facility. System operations and control address medium and short-term issues to keep the facility running smoothly. Some examples are inventory and supply chain management, total quality management, materials requirement planning, scheduling, aggregate planning, etc.	
MGMT	0643	Recruitment and Retention	C2	3.00		Explores the staffing function of organizations to investigate how businesses attract, deploy, and retain the workforce needed to achieve organizational goals. Students will be exposed to a variety of different staffing activities associated with the recruitment and selection of employees, while learning to use the information gathered from these activities to make staffing decisions and utilize retention management strategies.	
MGMT	0645	Compensation and Rewards	C2	3.00		Examines the financial and non-financial reward systems of organizations. Students will be exposed to a variety of theoretical and legal perspectives in compensation, and will explore the many functions of compensation administration, including job analysis and job evaluation, wage surveys, different pay bases, internal and external pay equity, benefits administration, and determining the compensation strategy.	
MGMT	0647	Training and Development	C2	3.00		Focuses on the assessment of human performance problems in contemporary organizations. Students will become familiar with the principles of adult learning and the influence of business and market conditions on training and employee development. The course also covers needs analysis and the resulting design, development, implementation and evaluation of training programs.	
MGMT	0698	Adv. Topics in Management	C2	3.00		For graduate level students. Topics to be announced each time the course is offered. Prerequisite: Admission to the Master of Science in Management program or permission.	
MGMT	0699	Independent Study in Mgmt	C2	0.00	3.00	Independent Study in Management for the Master of Science in Management. Department Chair approval required.	
MGMT	0749	Strategic HR Management	C2	3.00		This course explores the design and execution of human resource management from a strategic perspective. The advanced human resource student will learn how to systematically and strategically utilize human resource management theory and assets in the implementation of HR policies to achieve competitive advantages.	F - Fall
ML	0300	Studies in Modern Languages	C1	3.00		Enables concentrated study of carefully focused topics in world languages via critical reading, discussion of, and writing about, a range of world language topics. Topics might include world language history, culture, arts, theatre, or music, literature, language contact, historical development of languages, and interdisciplinary content of world languages related to history, anthropology, social sciences, English, linguistics, music, musical theatre, art, and others. Content of any particular course offering to be determined by instructors' proposals, subject to review by the departmental Modern Languages committee. May be retaken as different topics for a maximum of 12 credit hours. Prerequisite: ENG 101 and ENG 102 or ENG 111.	D - Demand
ML	0345	Teaching Foreign Languages in K-12	C1	3.00		An introduction to the instructional materials and the methodology used in the teaching of foreign languages in K-12. Prerequisite(s): Completion of one upper-division modern languages class or equivalent. The course not fulfill requirements towards a language major, minor, or certificate. The course is for non-education majors and is taught in English. Cross-listed with EDUC 345.	D - Demand
MRKT	0300	Principles of Marketing	C2	3.00		Survey of major marketing methods, institutions, and practices. Retailing, wholesaling, distribution channels, marketing legislation, advertising, marketing research, and marketing cost are treated from the standpoint of consumers, middlemen, and manufacturers. Prerequisite: ENG 101 and ENG 102.	F - Fall S - Spring SU - Summer
MRKT	0312	Retail Management	C2	3.00		This course will review the principles of successful retail management, including managing retail operations, administration and control, location analysis, merchandising, promotion, and review of the retail environment with analytic and research methods applicable to retail problems. Retailing is a high tech, global, growth industry and the retail manager uses creativity and analytical skills to be successful in this dynamic world. Prerequisite: MRKT 300.	S - Spring UO - Summer-Odd

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MRKT	0321	Professional Sales and Sales Management	C2	3.00		This covers the principles, methods, and techniques of effective professional strategic and consultative selling as well as the management of a professional sales staff. Prerequisite: MRKT 300.	F - Fall S - Spring
MRKT	0401	Integrated Marketing Communications	C2	3.00		This course examines the planning, development, and execution of integrated marketing communication programs with a focus on the promotional aspects of the marketing mix. Both traditional and online applications of marketing strategies are studied as they pertain to achieving an organization's goals and objectives. The analysis of advertising media, the preparation of advertising programs, and the formulation of campaigns are included in the course. Prerequisite: MRKT 300.	S - Spring UE - Summer-Even
MRKT	0405	eMarketing	C2	3.00		Addresses the new technological environment that marketers are facing by introducing strategic considerations related to technology and technology implementation including web site construction, email and social media marketing. Explores the basics of marketing exchange utilizing the information highway, multimedia techniques, database marketing, and interactive telecommunications; also gives students hands on experience with relevant software. Prerequisites: MRKT 300 and MGMT 237 (or equivalent).	F - Fall S - Spring SU - Summer
MRKT	0432	Consumer Behavior	C2	3.00		This course is an interdisciplinary approach to the analysis and interpretation of consumer buying habits and motives and the resulting purchase of goods and services. The purchaser's psychological, economic and socio-cultural actions and reactions are stressed. Prerequisite: MRKT 300.	F - Fall S - Spring UD - Summer-Demand
MRKT	0470	Marketing Research	C2	3.00		The systematic gathering, recording, analyzing and presentation of data relating to market analysis, sales analysis, consumer research, advertising research, and attitude research. Prerequisites: GB 321 and six hours of marketing.	F - Fall S - Spring
MRKT	0472	Marketing Strategy	C2	3.00		Strategic aspects of marketing: problems involved in environmental scanning, goal setting, planning, and strategies as they apply to product and service policy, financial objectives, promotional objectives, distribution policy, and marketing intelligence. Prerequisites: Senior standing, MRKT 432, MRKT 470, and MGMT 350.	F - Fall S - Spring UD - Summer-Demand
MRKT	0491	Internship in Marketing	C2	1.00	6.00	An internship for senior marketing students with an opportunity to observe and participate in actual business operations within the community. All internships must conform to institutional policy regarding the number of hours of work, the number of credit hours and written agreements with the cooperating business or agency. Prerequisites: 60 hours, 3.0 GPA and department approval. Repeatable up to six credit hours. Graded credit/no credit.	D - Demand
MRKT	0498	Advanced Topics in Marketing	C2	1.00	3.00	For upper-division students. Topics to be announced each time the course is offered. Prerequisite: Senior standing or permission.	D - Demand
MRKT	0499	Independent Study in Marketing	C2	1.00	6.00	Individually directed readings, research and discussion in selected areas of Marketing for advanced majors. Scope, depth, area of concentration and credit to be arranged upon entry into course. Offered by arrangement. Prerequisites: Permission and a minimum 3.0 GPA. Repeatable up to six credit hours.	D - Demand
MRKT	0572	Marketing Management	C2	3.00		Requires students to understand and utilize the principles of strategy and marketing to create organizational value. Lectures and cases will be used to acquaint the student with strategy and marketing concepts. A final project integrating these concepts is required.	F - Fall
MT	0401	Clinical Chemistry	C3	10.00		Analytical and theoretical aspects of the clinical biochemistry of body fluid constituents utilizing both manual and instrumental techniques, including automation, and special procedures. Five hours lecture, twenty hours clinic/lab per week.	S - Spring
MT	0402	Clinical Microscopy	C3	1.00		Principles and techniques of the physical, chemical, and microscopic examination of urine and other excrete as related to disease processes. One hour lecture, clinic by arrangement.	S - Spring
MT	0403	Clinical Hematology	C3	6.00		The cellular elements of blood and bone marrow; theory of cell production, release and survival; morphological characteristics of normal and abnormal cells; quantitative and qualitative abnormalities. Principles and techniques involved in the study of hemostasis, blood coagulation, and hemorrhagic disorders. Three hours lecture, twelve hours clinic/lab per week.	F - Fall
MT	0404	Clinical Serology-Immunology	C3	3.00		The science of immunity including antibody development, principles of antigen-antibody interactions, and techniques of serological testing for various disease states. Three hours lecture, twelve hours clinic/lab per week.	S - Spring
MT	0405	Clinical Microbiology	C3	7.00		Sterile technique, methods of handling and inoculating specimens containing pathogenic micro-organisms, isolation and identification of pathogenic micro-organisms, laboratory tests in chemotherapy, and diagnostic bacteriology, mycology, and parasitology. Four hours lecture, twelve hours clinic/lab per week.	S - Spring
MT	0406	Clinical Immunohematology-Blood Bank	C3	3.00		Blood group systems and the immune response. Methods of crossmatching, antibody screening and phenotyping. Administrative safeguards and legal aspects of blood banking. Proper clinical utilization of blood components. One hour lecture, eight hours clinic/lab per week.	S - Spring
MT	0407	Special Topics in Medical Technology	C3	2.00		Lecture and/or clinical practice in the areas of in-service education, management and supervision, research and development, and principles and techniques of the instructional process. Lecture and labs to be arranged.	S - Spring
MUS	0100	Fundamentals of Music	C1	3.00		Covers the basic fundamentals of music. Emphasis will be given to reading/writing music in regard to notation, clef ID, major and minor scales, rhythm, and meter) and on understanding music history in regard to major composers, styles, forms, and performance practice of both vocal and instrumental music.	
MUS	0101	Jazz Styles & Appreciation	C1	3.00		This survey course is geared to the non-musician and explores the stylistic periods of jazz as well as its most influential performers, starting with its roots in the music of West Africa through the years of Dixieland, Swing, Bebop, Cool, and Progressive Jazz. Music literature, style, and performance are examined, along with the lives of significant composers/musicians and their impact on the cultural, philosophical, and aesthetic issues of their day. MOTR# MUSC 100J.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0102	Opera or Musical Theatre Performance	C1	1.00		Performance of a role along with active participation in the different areas of staging the musical or opera. Credit is applied after departmental evaluation and approval at the end of the semester. (Students may not receive credit from both the theatre department and music department for the same production.)	D - Demand
MUS	0103	Class Piano I	C1	2.00		Beginning piano for majors with little or no background. Emphasis on keyboard orientation, intervallic reading and I, IV, V chord structures.	F - Fall
MUS	0104	Class Piano II	C1	2.00		A continuation of Class Piano 103. Emphasis on improving reading skills and musicianship. Includes elementary repertoire, harmonization and accompaniment. Prerequisite: MUS 103 or approval of instructor	S - Spring
MUS	0105	Voice Class	C1	1.00		Instruction and practice in singing intended for non-voice majors. This course will emphasize vocal technique, such as breathing and resonance, and will involve individual performances for the class in various styles. Prerequisites: None.	SO - Spring-Odd
MUS	0106	World Music	C1	3.00		An ethno-musical survey of select indigenous music and their cultures. The musical cultures selected for study are not those found in Eurocentric (Western art) music. There are no prerequisites. MOTR: MUSC 102	F - Fall S - Spring
MUS	0107	Aural Skills I	C1	1.00		Basic fundamentals of ear training, sight-singing, harmonic and rhythmic dictation. Course for music majors; others by consent of instructor. Students must pass an aural skills placement exam or complete Fundamentals of Music.	F - Fall
MUS	0108	Aural Skills II	C1	1.00		Sequential class on ear training, sight-singing, harmonic and rhythmic dictation. Course for music majors; others by consent of instructor. Students must pass MUS 0107 Aural Skills I or the appropriate aural skills placement exam.	S - Spring
MUS	0109	Fundamentals of Music Theory	C1	3.00		Basic fundamentals of music. Emphasis on reading/writing music, basic issues of notation, clef ID, building scales (major and minor), basic rhythms, notation of rhythms, simple and compound meters.	F - Fall
MUS	0110	Music Appreciation	C1	3.00		A survey of masterpieces of Western musical literature; intended for non-music majors. MOTR: MUSC 100	F - Fall S - Spring SU - Summer
MUS	0111	Music Theory I: Musicianship and Aural Skills	C1	3.00		Basic fundamentals of music with initiation of harmonic analysis, ear training, sight-singing, harmonic/rhythmic dictation, and part-writing. Course for music majors; others by consent of instructor. Students must pass a music theory placement exam as administered by the Music Department.	F - Fall
MUS	0112	Music Theory II: Advanced Musicianship and Aural Skills	C1	3.00		Sequential course in written harmonic analysis, ear training, sight-singing, harmonic/rhythmic dictation, and part-writing. Course for music majors; others by consent of instructor. Students must pass MUS 0111 Music Theory I or appropriate music theory placement exam.	S - Spring
MUS	0114	Elective in Jazz Improvisation	C1	1.00		A performance-oriented lab in jazz combo and small ensemble settings which includes study of chord types, scales, chord progressions, standard literature, and transcription. Course may be taken eight times for credit.	F - Fall S - Spring
MUS	0116	Applied Performance: Brass	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. One-on-one applied lessons in voice, keyboard, woodwind, brass, string, and percussion instruments – in addition to class lessons in piano or voice are available each semester. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall
MUS	0118	Applied Music Brass Elective	C1	2.00		Applied Music Brass Elective (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0119	Southern Symphonic Chorus	C1	1.00		This choral ensemble is open to all University students of all ages, levels, and abilities. Both undergraduate and graduate students are welcome with the caveat that undergraduates must first seek approval from the director, given Concert Chorale is the main undergraduate choral music ensemble. It is not open to undergraduate vocal music majors or minors. Its purpose is to give the interested singer a performing group in which to sing, thus an opportunity to prepare and present, the great choral/orchestral music from the Baroque Period to the present. It meets in the Spring semester every year and combines with both Concert Chorale and the Southern Symphony Orchestra to present a concert at the end of the semester.	S - Spring
MUS	0120	A History of Rock and Roll Music: Attitudes, Culture, and Society	C1	3.00		Focus is on the genre of music that has been shaped by the attitudes, culture, and societal forces, which have pervaded North America and the United Kingdom since World War II. It will track the trends, styles, and development of a hybrid genre – from its country and blues roots – that survived the corporate and political repercussions of the 1950's, became an expression and extension of the 1960's cultural revolution, and prospered through the invention of music videos. Finally, the course will examine it's cemented position as a foundational music style that has had enormous effects on the development of country, pop, punk, grunge, and rap music styles, while examining the technological and business sides of a style that has secured its place in Western popular culture.	
MUS	0121	Concert Chorale	C1	1.00		Open to all university students. Preparation and performance of great choral works. Prerequisite: Permission of instructor. Course may be taken six times for credit.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0123	Chamber Singers	C1	1.00		Chamber Singers, the premier chamber choral ensemble at MSSU, provides the serious singer the opportunity to prepare and present a variety of musical styles spanning all historical periods, choral genres, and cultural perspectives. This ensemble represents the university through regular public performances, recruitment touring, and tours abroad. Although this class meets/rehearses three days a week for the aforementioned hours, some outside rehearsals will be required. Prerequisite: Audition at the start of the semester during the first week of classes. Co-requisite: Enrollment in Concert Chorale MUS 121, 321 (F) and 122, 322 (S) and 1-2 credits of Applied Music Major Voice MUS 267, 467 (F) and MUS 268, 468 (S) or Applied Music Elective Voice MUS 166, 366 (F-1cr) and MUS 165, 365 (S-1cr) or MUS 168, 368 (F-2cr) and MUS 167, 367 (S-2cr).	F - Fall
MUS	0126	Applied Performance: Keyboard	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. One-on-one applied lessons in voice, keyboard, woodwind, brass, string, and percussion instruments – in addition to class lessons in piano or voice are available each semester. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall
MUS	0128	Applied Music Piano Elective	C1	2.00		Applied Music Piano Elective (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0129	Missouri Southern Pep Band	C1	1.00		The Missouri Southern Pep Band is the athletic band on campus. Its primary responsibilities are to perform at various athletic events and to provide a sense of teamwork, school spirit, and cohesiveness to support our student athletes and the fans that support them. Members of the ensemble will increase their capacity for artistic expression in the process as well as continue to develop personal accountability.	F - Fall S - Spring
MUS	0130	Vocal Technique & Pedagogy	C1	2.00		The study and practical application of vocal technique from both a vocal solo and choral standpoint.	F - Fall S - Spring
MUS	0133	Opera	C1	2.00		History, production, and performance of one act operas, operatic excerpts, musicals, and light opera. Academic concentration the first six weeks on opera history and opera production with the last 10 weeks focusing upon the particular opera selected for production the spring semester of that year.	D - Demand
MUS	0136	Applied Performance Percussion	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. One-on-one applied lessons in voice, keyboard, woodwind, brass, string, and percussion instruments – in addition to class lessons in piano or voice are available each semester. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall
MUS	0138	Applied Music Percussion Elective	C1	2.00		Applied Music Percussion Elective (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0141	Jazz Orchestra	C1	1.00		A jazz ensemble open to all students who are qualified instrumentalists. The Jazz Orchestra will prepare and present several concerts during the year, while dealing primarily with music of the jazz idiom. Prerequisite: Permission of instructor. Course may be taken six times for credit. Co-requisite: MUS 191.	F - Fall SU - Summer
MUS	0143	Jazz Combo	C1	1.00		A performance-oriented lab in jazz combo and small ensemble settings which includes study of chord types, scales, chord progressions, standard literature and transcription.	F - Fall S - Spring
MUS	0146	Applied Performance: String	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. One-on-one applied lessons in voice, keyboard, woodwind, brass, string, and percussion instruments – in addition to class lessons in piano or voice are available each semester. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0148	Applied Music String Elective	C1	2.00		Applied Music String Elective (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0151	Orchestra	C1	1.00		Open to all qualified students who play orchestral instruments. Rehearsal and public performance of standard orchestral literature. Prerequisites: Permission of director of orchestra. Course may be taken six times for credit.	F - Fall
MUS	0156	Applied Performance: Woodwind	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. One-on-one applied lessons in voice, keyboard, woodwind, brass, string, and percussion instruments – in addition to class lessons in piano or voice are available each semester. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall
MUS	0158	Applied Music Woodwind Elective	C1	2.00		Applied Music Woodwind Elective (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0161	Madrigal Singers	C1	1.00		Madrigal Singers provides the singer, and the aspiring choral conductor, the opportunity to experience the type of music known as the "Renaissance Madrigal", specifically, and/or music from a variety of periods that reflect the part-writing, spirited texts, and performance practice most closely associated with the popular music genre originating in the 16th century. The emphasis of this ensemble is twofold: 1) To give the singer the necessary foundation in small ensemble choral singing, insofar as the performance practice of this type of music, and 2) to provide the upperclassman choral conductor the tangible opportunity to plan, rehearse, and conduct an organized choral ensemble, in a lab-like format, which might serve as a useful experience in preparation for future teaching and conducting. Attention to high performance standards and rigorous rehearsals is the cornerstone of this ensemble. Audition only, concurrent enrollment in Concert Chorale MUS 121.	F - Fall
MUS	0162	Madrigal Singers	C1	1.00		Madrigal Singers provides the singer, and the aspiring choral conductor, the opportunity to experience the type of music known as the "Renaissance Madrigal", specifically, and/or music from a variety of periods that reflect the part-writing, spirited texts, and performance practice most closely associated with the popular music genre originating in the 16th century. The emphasis of this ensemble is twofold: 1) To give the singer the necessary foundation in small ensemble choral singing, insofar as the performance practice of this type of music, and 2) to provide the upperclassman choral conductor the tangible opportunity to plan, rehearse, and conduct an organized choral ensemble, in a lab-like format, which might serve as a useful experience in preparation for future teaching and conducting. Attention to high performance standards and rigorous rehearsals is the cornerstone of this ensemble. Audition only, concurrent enrollment in Concert Chorale.MUS 121.	S - Spring
MUS	0166	Applied Performance Voice	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. One-on-one applied lessons in voice, keyboard, woodwind, brass, string, and percussion instruments – in addition to class lessons in piano or voice are available each semester. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall
MUS	0168	Applied Music Voice Elective	C1	2.00		Applied Music Voice Elective (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0171	Chamber Brass	C1	1.00		The study and performance of chamber music, transcribed, as well as written for, brass ensemble, from various styles periods in music history. May be taken 8 times for credit.	D - Demand F - Fall S - Spring
MUS	0176	Applied Music Elective: Composition	C1	1.00		Applied Music Elective: Composition is a course in the private lesson format similar to other Applied Music Offerings (brass, piano, percussion, string, woodwind, and voice). Lower division applied music offerings may be taken six times for credit.	F - Fall
MUS	0181	Choral Conducting: Technique and Literature	C1	2.00		The three primary objectives of this course are to prepare the mind, train the body, and cultivate the soul so that each conductor may clearly, artistically, and powerfully communicate with members of an ensemble. Each student will learn the fundamentals of choral conducting and how to apply those skills specifically to working with choral ensembles. Individual conducting skills will be developed through in-class conducting opportunities and out-of-class practice. Baton technique and non-baton technique, along with factors in interpretation, score reading/preparation, rehearsal technique, pedagogy, & literature will be the focus of this course.	FO - Fall-Odd

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0182	Instrumental Conducting: Technique and Literature	C1	2.00		The three primary objectives of this course are to prepare the mind, train the body, and cultivate the soul so that each conductor may clearly, artistically, and powerfully communicate with members of an ensemble. Each student will learn the fundamentals of instrumental conducting and how to apply those skills specifically to working with instrumental ensembles. Individual conducting skills will be developed through in-class conducting opportunities and out-of-class practice. Baton technique and non-baton technique, along with factors in interpretation, score reading/preparation, rehearsal technique, pedagogy, & literature will be the focus of this course.	F - Fall
MUS	0183	Percussion Ensemble	C1	1.00		Select chamber ensemble open to percussion majors and other qualified percussionists. Includes the study and performance of a cross-section of literature for percussion ensemble to include classical, popular, and ethnic styles. Prerequisite: Permission of instructor. Course may be taken six times for credit.	F - Fall
MUS	0185	Chamber Winds	C1	1.00		The study and performance of chamber music, transcribed, as well as written for, woodwind ensemble, from various style periods in music history. Course may be taken eight times for credit.	F - Fall
MUS	0187	Wind Ensemble	C1	1.00		This select ensemble is open to instrumental music majors and non-majors of qualified musical ability. The ensemble will study and perform challenging wind ensemble and symphonic band literature from the baroque, classical, romantic, and 20th century contemporary music. The ensemble will prepare and present several concerts during the year. Prerequisite: Permission of instructor. Course may be taken six times for credit.	F - Fall
MUS	0189	Exploration of the Steel Band I	C1	3.00		Gives the students hands on experience with the different instruments in the steel band by learning and performing on steel drums. This class will also discuss the socio-economic and political climate of Trinidad and Tobago that led to the development of the modern steel band. This class is designed for students WITHOUT a musical background.	
MUS	0191	Marching Band	C1	1.00		Open to all qualified students with high school band experience. A study and practice of the fundamentals of drill and presentation of musical marching maneuvers. Prerequisite: Permission of instructor. Course may be taken two times for credit.	F - Fall
MUS	0192	Concert Band	C1	1.00		Open to all qualified students with band instrument experience. Rehearsal and public performances of composite repertoire. Prerequisite: Permission of instructor. Course may be taken two times for credit.	S - Spring
MUS	0202	Musical Theatre Performance	C1	1.00		Designed for the music theatre major to receive documented credit for the preparation and performance of a role, along with the necessary participation in the various aspects of a musical theatre production.	F - Fall
MUS	0203	Class Piano III	C1	2.00		A continuation of Class Piano 104. Emphasis on developing the skills required to pass the Piano Proficiency Exam. Repeatable until piano proficiency is achieved. Prerequisite: MUS 104 or approval of the instructor.	F - Fall S - Spring
MUS	0204	Careers in Music and Performing Arts	C1	1.00		An introductory survey of career opportunities in the field of Performing Arts, including, but not limited to, education, composition, therapy, performance, arts promotion, publishing, retail, administration, director, consultant, etc. Students will prepare a portfolio including promotional materials necessary for embarking on a career in the music field.	F - Fall S - Spring SU - Summer
MUS	0207	Aural Skills III	C1	1.00		Sequential course on ear training, sight-signing, harmonic and rhythmic dictation. Course for music majors; others by consent of instructor. Prerequisite: MUS 0108 Aural Skills II or the appropriate aural skills placement exam.	F - Fall
MUS	0208	Aural Skills IV	C1	1.00		Sequential course on ear training, sight-signing, harmonic and rhythmic dictation. Course for music majors; others by consent of instructor. Prerequisite: MUS 0207 Aural Skills III or the appropriate aural skills placement exam.	S - Spring
MUS	0211	Music Theory III: Harmony and Aural Skills	C1	3.00		Sequential course in written harmonic analysis, ear training, sight-singing, harmonic/rhythmic dictation, and part-writing. For music majors; others by consent of instructor. Students must pass MUS 0112 Music Theory II or appropriate music theory placement exam.	F - Fall
MUS	0212	Music Theory IV: Advanced Harmony and Aural Skills	C1	3.00		A study of selected contemporary styles: pan-triadic, bitonal and poly-chordal, quartal harmony, pan diatonicism, serial techniques and short original compositions with a focus in harmonic analysis, ear training, sight-singing, harmonic/rhythmic dictation, and part-writing. Prerequisite: MUS 211.	S - Spring
MUS	0214	Elective in Jazz Improvisation	C1	2.00		A performance-oriented lab in jazz combo and small ensemble settings which includes study of chord types, scales, chord progressions, standard literature, and transcription. Course may be taken eight times for credit.	F - Fall S - Spring
MUS	0218	Applied Music Brass Major	C1	2.00		Applied Music Brass Major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0220	Italian & German Vocal Diction	C1	2.00		Applied voice students receive instruction in the correct pronunciation of Italian and German, as used in the study of vocal literature.	FO - Fall-Odd
MUS	0221	French & English Vocal Diction	C1	2.00		Applied voice students receive instruction in the correct pronunciation of French and English, as used in the study of vocal literature.	SE - Spring-Even
MUS	0228	Applied Music Piano Major	C1	2.00		Applied Music Piano Major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0229	Musical Theatre Diction	C1	2.00		Designed to equip students with an understanding of the International Phonetic Alphabet (IPA) and the rules associated with the authentic execution of the English language as applied to both speech and lyric diction. Students will demonstrate their knowledge of the IPA, and its use for effective and expressive diction through written and oral assignments and examinations, in addition to performances of appropriate repertoire in class. Also offered as TH 0229.	
MUS	0230	Accompanying	C1	1.00	6.00	Applied accompanying for keyboard majors supervised by a piano faculty member.	F - Fall S - Spring
MUS	0231	String/Guitar Technique, Pedagogy, and Repertoire	C1	2.00		Class instruction in guitar the string instruments, including a study of methods and materials to be used in teaching beginning students and repertoire appropriate for the assorted levels of public-school instruction. Prerequisite: MUS 112.	SE - Spring-Even

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0232	Brass Technique, Pedagogy, and Repertoire	C1	2.00		Class instruction in the brass instruments, including a study of methods and materials to be used in the teaching of beginning students and repertoire appropriate for the assorted levels of public-school instruction. Prerequisite: MUS 112.	FO - Fall-Odd
MUS	0233	Percussion Technique, Pedagogy, and Repertoire	C1	2.00		Class instruction in the percussion instruments, including a study of methods and materials to be used in teaching beginning students and repertoire appropriate for the assorted levels of public-school instruction. Prerequisite: MUS 112.	SO - Spring-Odd
MUS	0234	Woodwind Technique, Pedagogy, and Repertoire	C1	2.00		Class instruction in the woodwind instruments, including a study of methods and materials to be used in the teaching of beginning students and repertoire appropriate for the assorted levels of public-school instruction. Prerequisite: MUS 112.	FE - Fall-Even
MUS	0235	Brass and Percussion Technique, Pedagogy, and Repertoire	C1	2.00		Class instruction in the brass & percussion instruments, including a study of methods and materials to be used in teaching beginning students and repertoire appropriate for the assorted levels of public-school instruction.	F - Fall S - Spring
MUS	0238	Applied Music Percussion Major	C1	2.00		Applied Music Percussion major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0240	Recital Attendance	C1	0.00		Attendance at designated afternoon and evening recitals and concerts is required of all music majors each semester.	F - Fall S - Spring
MUS	0241	Recital Attendance	C1	1.00		Attendance at designated afternoon and evening recitals and concerts is required of all music majors each semester of residency.	F - Fall S - Spring
MUS	0243	Musical Theatre	C1	3.00		History, production, and performance of musical theatre. Academic concentration on scenes from musicals with emphasis on acting, music, and dance techniques needed for musical productions, and focus upon representative musicals from the past fifty years and more specifically on the particular musical selected for production in the spring semester of that school year. Course also offered under Th 243.	FO - Fall-Odd
MUS	0248	Applied Music String Major	C1	2.00		Applied Music String Major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0258	Applied Music Woodwind Major	C1	2.00		Applied Music Woodwind Major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0268	Applied Music Voice Major	C1	2.00		Applied Music Voice Major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0269	Applied Conducting	C1	1.00	6.00	Introduces fundamentals of conducting, including, but not limited to, irregular beat patterns, baton technique, and non-baton technique along with factors in interpretation, score reading, and rehearsal procedures for instrumental and vocal ensembles. Prerequisite: Approval by the Music Department.	
MUS	0270	Applied Conducting	C1	2.00		Introduces fundamentals of conducting, including, but not limited to, irregular beat patterns, baton technique, and non-baton technique along with factors in interpretation, score reading, and rehearsal procedures for instrumental and vocal ensembles. Prerequisite: Approval by the Music Department.	
MUS	0298	Topics in Music	C1	0.00	4.00	Study of special topics in music not included in another course. Prerequisite: Permission of instructor.	D - Demand
MUS	0302	Musical Theatre Performance	C1	1.00		Designed for the music theatre major to receive documented credit for the preparation and performance of a role, along with the necessary participation in the various aspects of a musical theatre production.	S - Spring
MUS	0310	Black Music of Two Worlds	C1	3.00		A survey of traditional African music, popular/modern African music, and African-American music. Traditional African music is at the core of many popular music styles around the world today. This course will trace the passage of traditional African music ideas through modern times and it's influence on many African-American types of music including: blues, gospel, jazz, hip-hop, and rap.	S - Spring
MUS	0311	History of Music and Literature I	C1	3.00		Covers the major composers, styles, forms, music and performance practice of both vocal and instrumental music from the Medieval through the Renaissance periods. Prerequisite: MUS 211.	FO - Fall-Odd
MUS	0312	History of Music and Literature II	C1	3.00		Covers the major composers, styles, forms, music and performance practice of both vocal and instrumental music from the Baroque through the Romantic periods. Prerequisite: MUS 211.	SE - Spring-Even
MUS	0313	Music History and Literature III	C1	3.00		An overview of the development of stylistic trends, major composers, and repertoire of the late Romantic period through the present, plus the music of non-Western cultures will also be explored. Prerequisite: MUS 211.	F - Fall
MUS	0316	Advanced Applied Performance: Brass	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. Prerequisites: 4 semesters of study at the 100 level & consensus of faculty jury. Transfer students – 3 semesters of applied study and 1 semester @ MSSU & consensus of faculty jury. Upper division (300 level) applied music study is designed to meet the performance requirements of the BM, BME, BM-MT, and BA degrees. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall
MUS	0318	Applied Music Brass Elective	C1	2.00		Applied Music Elective (Private Lessons). Course may be taken six times for credit.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0319	Southern Symphonic Chorus	C1	1.00		This choral ensemble is open to all University students of all ages, levels, and abilities. Both undergraduate and graduate students are welcome with the caveat that undergraduates must first seek approval from the director, given Concert Chorale is the main undergraduate choral music ensemble. It is not open to undergraduate vocal music majors or minors. Its purpose is to give the interested singer a performing group in which to sing, thus an opportunity to prepare and present, the great choral/orchestral music from the Baroque Period to the present. It meets in the Spring semester every year and combines with both Concert Chorale and the Southern Symphony Orchestra to present a concert at the end of the semester.	S - Spring
MUS	0320	Vocal Repertoire	C1	2.00		Applied voice students are exposed to various musical repertoire styles and genres. Students will both research and perform repertoire unfamiliar to them in order to expand their understanding of vocal repertoire. Prerequisites: MUS 111 and MUS 112.	FE - Fall-Even
MUS	0321	Concert Chorale	C1	1.00		Open to all university students. Preparation and performance of great choral works. Prerequisite: Permission of instructor. Course may be taken six times for credit.	F - Fall
MUS	0323	Chamber Singers	C1	1.00		Chamber Singers, the premier chamber choral ensemble at MSSU, provides the serious singer the opportunity to prepare and present a variety of musical styles spanning all historical periods, choral genres, and cultural perspectives. This ensemble represents the university through regular public performances, recruitment touring, and tours abroad. Although this class meets/rehearses three days a week for the aforementioned hours, some outside rehearsals will be required. Prerequisite: Audition at the start of the semester during the first week of classes. Co-requisite: Enrollment in Concert Chorale MUS 121, 321 (F) and 122, 322 (S) and 1-2 credits of Applied Music Major Voice MUS 267, 467 (F) and MUS 268, 468 (S) or Applied Music Elective Voice MUS 166, 366 (F-1cr) and MUS 165, 365 (S-1cr) or MUS 168, 368 (F-2cr) and MUS 167, 367 (S-2cr).	F - Fall
MUS	0326	Advanced Applied Performance: Keyboard	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. Prerequisites: 4 semesters of study at the 100 level & consensus of faculty jury. Transfer students – 3 semesters of applied study and 1 semester @ MSSU & consensus of faculty jury. Upper division (300 level) applied music study is designed to meet the performance requirements of the BM, BME, BM-MT, and BA degrees. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall
MUS	0328	Applied Music Piano Elective	C1	2.00		Applied Music Piano Elective (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0329	Missouri Southern Pep Band	C1	1.00		The Missouri Southern Pep Band is the athletic band on campus. Its primary responsibilities are to perform at various athletic events and to provide a sense of teamwork, school spirit, and cohesiveness to support our student athletes and the fans that support them. Members of the ensemble will increase their capacity for artistic expression in the process as well as continue to develop personal accountability.	F - Fall S - Spring
MUS	0330	Vocal Technique & Pedagogy	C1	2.00		Vocal Pedagogy is an introduction to the science and teaching of singing. Emphasis is placed upon the study of the physiology and anatomy of the vocal instrument, breathing and phonation, vocal acoustics, and pedagogical approaches to training the singing voice. Common vocal problems will be discussed. Prerequisites: MUS 111 and MUS 112.	SO - Spring-Odd
MUS	0332	Music for Elementary School	C1	1.00		This course develops the music skills necessary to integrate music content and musical skills within the elementary school curriculum. The course will also equip the future elementary classroom teacher to teach fundamental music concepts and skills for the purpose of developing student musicianship. Students must be an Elementary Education major (this course is not for Music Majors).	F - Fall S - Spring
MUS	0333	Pre-Kindergarten through Middle School General Music Methods	C1	3.00		Fundamental principles and procedures of music education in elementary and middle school. Restricted to music majors and advanced music students. Students are required to observe elementary and middle school music classrooms for 5 clock hours to evaluate teaching techniques in five categories. Includes a 5-hour practicum in selected local schools. A cleared FCSR background check is required. Prerequisite: MUS 0112.	SE - Spring-Even

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0336	Advance Applied Performance: Percussion	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. Prerequisites: 4 semesters of study at the 100 level & consensus of faculty jury. Transfer students – 3 semesters of applied study and 1 semester @ MSSU & consensus of faculty jury. Upper division (300 level) applied music study is designed to meet the performance requirements of the BM, BME, BM-MT, and BA degrees. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall
MUS	0338	Applied Music Percussion Elective	C1	2.00		Applied Music Percussion Elective (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0341	Jazz Orchestra	C1	1.00		A jazz ensemble open to all students who are qualified instrumentalists. The Jazz Orchestra will prepare and present several concerts during the year, while dealing primarily with music of the jazz idiom. Prerequisite: Permission of instructor. Course may be taken six times for credit. Co-requisite: MUS 391.	F - Fall SU - Summer
MUS	0343	Jazz Combo	C1	1.00		A performance-oriented lab in jazz combo and small ensemble settings which includes study of chord types, scales, chord progressions, standard literature and transcription.	F - Fall S - Spring
MUS	0346	Advanced Applied Performance: Strings	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. Prerequisites: 4 semesters of study at the 100 level & consensus of faculty jury. Transfer students – 3 semesters of applied study and 1 semester @ MSSU & consensus of faculty jury. Upper division (300 level) applied music study is designed to meet the performance requirements of the BM, BME, BM-MT, and BA degrees. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall
MUS	0348	Applied Music String Elective	C1	2.00		Applied Music String Elective (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0349	Junior Recital	C1	0.00		A precursor to the capstone experience for music majors that features a single student in solo performance during an evening recital. Co-requisite of the appropriate applied lesson also required.	F - Fall S - Spring
MUS	0350	Junior Recital	C1	1.00		A precursor to the capstone experience for music majors that features a single student in solo performance during a evening recital. Co-requisite of the appropriate applied lesson also required.	F - Fall S - Spring
MUS	0351	Orchestra	C1	1.00		Open to all qualified students who play orchestral instruments. Rehearsal and public performance of standard orchestral literature. Prerequisites: Permission of director of orchestra. Course may be taken six times for credit.	F - Fall
MUS	0356	Advanced Applied Performance: Woodwind	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. Prerequisites: 4 semesters of study at the 100 level & consensus of faculty jury. Transfer students – 3 semesters of applied study and 1 semester @ MSSU & consensus of faculty jury. Upper division (300 level) applied music study is designed to meet the performance requirements of the BM, BME, BM-MT, and BA degrees. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall
MUS	0358	Applied Music Woodwind Elective	C1	2.00		Applied Music Woodwind Elective (Private Lessons). Course may be taken six times for credit.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0361	Madrigal Singers	C1	1.00		Madrigal Singers provides the singer, and the aspiring choral conductor, the opportunity to experience the type of music known as the "Renaissance Madrigal", specifically, and/or music from a variety of periods that reflect the part-writing, spirited texts, and performance practice most closely associated with the popular music genre originating in the 16th century. The emphasis of this ensemble is twofold: 1) To give the singer the necessary foundation in small ensemble choral singing, insofar as the performance practice of this type of music, and 2) to provide the upperclassman choral conductor the tangible opportunity to plan, rehearse, and conduct an organized choral ensemble, in a lab-like format, which might serve as a useful experience in preparation for future teaching and conducting. Attention to high performance standards and rigorous rehearsals is the cornerstone of this ensemble. Audition only, concurrent enrollment in Concert Chorale MUS 321 (F).	F - Fall
MUS	0362	Madrigal Singers	C1	1.00		Madrigal Singers provides the singer, and the aspiring choral conductor, the opportunity to experience the type of music known as the "Renaissance Madrigal", specifically, and/or music from a variety of periods that reflect the part-writing, spirited texts, and performance practice most closely associated with the popular music genre originating in the 16th century. The emphasis of this ensemble is twofold: 1) To give the singer the necessary foundation in small ensemble choral singing, insofar as the performance practice of this type of music, and 2) to provide the upperclassman choral conductor the tangible opportunity to plan, rehearse, and conduct an organized choral ensemble, in a lab-like format, which might serve as a useful experience in preparation for future teaching and conducting. Attention to high performance standards and rigorous rehearsals is the cornerstone of this ensemble. Audition only, concurrent enrollment in Concert Chorale. MUS 321.	S - Spring
MUS	0366	Advanced Applied Performance: Voice	C1	1.00	6.00	Applied Lessons, Performance, and Chamber Ensembles. Prerequisites: 4 semesters of study at the 100 level & consensus of faculty jury. Transfer students – 3 semesters of applied study and 1 semester @ MSSU & consensus of faculty jury. Upper division (300 level) applied music study is designed to meet the performance requirements of the BM, BME, BM-MT, and BA degrees. Credit may be earned through participation in vocal and instrumental chamber ensembles (not included are registered courses like Chamber Singers, Madrigal Singers, or Jazz Orchestra, for example) and/or musical productions wherein the student participates as a member of the production as a lead, in the chorus, or in the pit. Music Majors, Minors, and those in some Certificate Programs must enroll in a large ensemble each semester of full-time enrollment. Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music Majors who are on BM with Electives in an Outside Field track, and who may have an internship in their last semester, are also exempt from applied lessons and a major ensemble in that semester. Consult with the music faculty regarding Music Performance.	F - Fall
MUS	0368	Applied Music Voice Elective	C1	2.00		Applied Music Voice Elective (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0371	Chamber Brass	C1	1.00		The study and performance of chamber music, transcribed, as well as written for, brass ensemble, from various styles periods in music history. May be taken 8 times for credit.	FD - Fall-Demand
MUS	0373	Music Theatre Styles I	C1	3.00		A performance-oriented course in which students explore the Golden Age (pre-1960's) musical theatre repertoire, 1960-90's musical theatre repertoire, and appropriate singing, acting, and movement for the style. This course is one part of a three-part series of courses that gives the musical theatre student a comprehensive understanding and experience of specific musical theatre repertoire and styles.	D - Demand
MUS	0374	Musical Theatre Styles II	C1	3.00		A performance-oriented course in which students explore Contemporary (post-1990's) musical theatre repertoire and appropriate singing, acting, and movement for the style. This course is one part of a three-part series of courses that gives the musical theatre student a comprehensive understanding and experience of specific musical theatre repertoire and styles.	D - Demand
MUS	0376	Applied Music Elective: Composition	C1	1.00		Applied Music Elective: Composition is a course in the private lesson format similar to other Applied Music Offerings (brass, piano, percussion, string, woodwind, and voice). Upper division applied music offerings may be taken six times for credit.	F - Fall
MUS	0383	Percussion Ensemble	C1	1.00		Select chamber ensemble open to percussion majors and other qualified percussionists. Includes the study and performance of a cross-section of literature for percussion ensemble to include classical, popular, and ethnic styles. Prerequisite: Permission of instructor. Course may be taken six times for credit.	F - Fall
MUS	0385	Chamber Winds	C1	1.00		The study and performance of chamber music, transcribed, as well as written for, woodwind ensemble, from various style periods in music history. Course may be taken eight times for credit.	F - Fall
MUS	0387	Wind Ensemble	C1	1.00		This select ensemble is open to instrumental music majors and non-majors of qualified musical ability. The ensemble will study and perform challenging wind ensemble and symphonic band literature from the baroque, classical, romantic, and 20th century contemporary music. The ensemble will prepare and present several concerts during the year. Prerequisite: Permission of instructor. Course may be taken six times for credit.	F - Fall
MUS	0389	Exploration of the Steel Drum Band II	C1	3.00		Gives the students hands on experience with the different instruments in the steel band by learning and performing on steel drums. This class will also discuss the socio-economic and political climate of Trinidad and Tobago that led to the development of the modern steel band. This class is designed for student WITHOUT a musical background.	

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0391	Marching Band	C1	1.00		Open to all qualified students with high school band experience. A study and practice of the fundamentals of drill and presentation of musical marching maneuvers. Prerequisite: Permission of instructor. Course may be taken two times for credit.	F - Fall
MUS	0392	Concert Band	C1	1.00		Open to all qualified students with band instrument experience. Rehearsal and public performances of composite repertoire. Prerequisite: Permission of instructor. Course may be taken two times for credit.	S - Spring
MUS	0400	Secondary Music Methods	C1	3.00		Includes a cluster of outcomes to prepare students for secondary music teaching, i.e., history, philosophy and psychology of music learning; planning and delivery of classroom instruction; music program organization and management; national and state standards; curricular and assessment design; teaching materials; professional and activity organizations and music student events; marching band; choral and instrumental methods. Prerequisites: MUS 181 and MUS 182.	S - Spring
MUS	0402	Opera or Musical Theatre Performance	C1	1.00		Performance of a role along with active participation in the different areas of staging the musical or opera. Credit is applied after departmental evaluation and approval at the end of the semester. (Students may not receive credit from both the theatre department and music department for the same production.)	D - Demand
MUS	0403	Introduction to Live and Recorded Sound	C1	3.00		Intended for music majors or minors. Introduction to hardware and software for live sound reinforcement and studio recording environments. Includes hands on experience with sound systems, microphones, speakers, mixing boards, and related electronics. Includes use of software for live and recorded sound productions. Prerequisite: Junior standing or permission of the instructor.	SE - Spring-Even
MUS	0408	Choral Ensemble Pedagogy	C1	2.00		Focuses on the application of vocal technique, pedagogy, and repertoire in the choral ensemble, relationship between conducting gesture and choral ensemble sound, and rehearsal structure for optimal learning.	S - Spring
MUS	0409	Choral Literature I: Medieval, Renaissance, and Baroque	C1	2.00		This course covers the major composers, forms, styles, music, and performance practices of choral music from the Medieval Period to the Baroque periods. Prerequisite: MUS 211.	SE - Spring-Even
MUS	0410	Industry & Copyright	C1	3.00		Includes the study of career paths within the performing arts industry, networking, copyright, and intellectual property issues and performing arts industry resources. Prerequisites: MUS 112, junior standing, or permission of instructor.	S - Spring
MUS	0411	Marching Band Methods	C1	2.00		Procedures needed in organization, promotion, equipping, rehearsing, and performance of a marching band including study of musical repertoire and charting of field maneuvers. For music majors; others by consent of instructor. Prerequisite: 2 semesters marching band. Co-requisite: MUS 391.	FO - Fall-Odd
MUS	0412	Music Technology	C1	3.00		For music majors or related minors. Includes the study of music notation programs, midi programs and sequencing, audio editing, recording techniques and applications and applications of technology. Prerequisites: MUS 112, junior standing or permission of instructor.	D - Demand SO - Spring-Odd
MUS	0413	Instrumental Ensemble Pedagogy	C1	2.00		Focuses on the application of brass, percussion, string, and woodwind technique, pedagogy, and repertoire in the instrumental ensemble, relationship between conducting gesture and instrumental ensemble sound, and rehearsal structure for optimal learning.	F - Fall
MUS	0415	Woodwind Literature & Pedagogy	C1	3.00		In this course students will study the major works written for the instruments of the woodwind family, as well as study of the more advanced concepts and techniques fundamental to teaching the instruments of the woodwind family. Pre-requisite: MUS 212 Music Theory IV.	S - Spring
MUS	0418	Applied Music Brass Major	C1	2.00		Applied Music Brass Major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0419	Choral Literature II: Classical, Romantic, and Contemporary	C1	2.00		This course covers the major composers, forms, styles, music, and performance practices of choral music from the Classical through the Contemporary periods. Prerequisite: MUS 211.	UE - Summer-Even
MUS	0420	Form and Analysis	C1	2.00		An introduction of the primary forms and structural techniques used in Western Music from the Baroque Era through the 20th century. Prerequisite: MUS 212.	FO - Fall-Odd
MUS	0421	Wind Ensemble Literature	C1	2.00		Covers the major composers, forms, styles, music, and performance practices of Wind Ensemble music from the early 20th century to the Contemporary periods. Prerequisites: approval by the Music Department for post-baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction program with advisor approval and MUS 0211.	D - Demand
MUS	0422	Orchestral Literature	C1	2.00		Covers the major composers, forms, styles, music, and performance practices of orchestral music from the Baroque era to the twentieth century. Prerequisite: MUS 0211.	D - Demand
MUS	0423	Instrumental Literature	C1	2.00		Covers the major composers, forms, styles, music, and performance practices of instrumental solo music from the early 20th century to the Contemporary periods. Prerequisite: MUS 0211.	D - Demand
MUS	0424	Instrumental Technique and Pedagogy	C1	2.00		Covers the major composers, forms, styles, music, and performance practices of instrumental solo music from the early 20th century to the Contemporary periods. Prerequisite: MUS 0211.	D - Demand
MUS	0428	Applied Music Piano Major	C1	2.00		Applied Music Piano Major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0430	Accompanying	C1	1.00	6.00	Applied accompanying for keyboard majors supervised by a piano faculty member. Prerequisite: MUS 0211.	F - Fall S - Spring
MUS	0433	Arranging for Voices and Instruments	C1	2.00		An introduction to the principles and techniques of arranging, instrumentation, and orchestration. The course will introduce the standard instruments of the modern orchestra and wind ensemble, discuss choral arranging, and begin a discussion of creative orchestration practice. Prerequisite: MUS 212.	SE - Spring-Even
MUS	0438	Applied Music Percussion Major	C1	2.00		Applied Music Percussion Major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0443	Advanced Choral Conducting	C1	2.00		Conducting techniques specifically related to choral music. Prerequisite: MUS 182	SO - Spring-Odd
MUS	0444	Advanced Instrumental Conducting Techniques	C1	2.00		Conducting skills, including irregular beat patterns, advance technical problems, and methods developed for solving them. Prerequisite: MUS 182.	FE - Fall-Even

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0448	Applied Music String Major	C1	2.00		Applied Music String Major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0449	Applied Conducting	C1	1.00		Reinforces fundamentals of conducting, including, but not limited to, irregular beat patterns, baton technique, and non-baton technique along with factors in interpretation, score reading, and rehearsal procedures for instrumental and vocal ensembles. Prerequisite: Approval by the Music Department.	
MUS	0450	Senior Recital	C1	0.00		A solo recital is required of all music majors. The recital is to be given within the last year of residency. Co-requisite: MUS 417, 427, 437, 447, 467, 418, 428, 438, 448, 458, or 468.	F - Fall S - Spring
MUS	0451	Senior Recital	C1	1.00		Capstone experience for music majors that features a single student in solo performance during an evening recital. The recital is to be given within the last year of residency. Co-requisite of the appropriate applied lesson also required.	F - Fall S - Spring
MUS	0458	Applied Music Woodwind Major	C1	2.00		Applied Music Woodwind Major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0468	Applied Music Voice Major	C1	2.00		Applied Music Voice Major (Private Lessons). Course may be taken six times for credit.	F - Fall
MUS	0469	Applied Conducting	C1	2.00	6.00	Reinforces fundamentals of conducting, including, but not limited to, irregular beat patterns, baton technique, and non-baton technique along with factors in interpretation, score reading, and rehearsal procedures for instrumental and vocal ensembles. Prerequisite: Approval by the Music Department.	
MUS	0491	Internship in Music Industry	C1	3.00	4.00	For music majors. Includes the application of materials and fundamentals in a real world experience. Students will choose from the areas of: arts or artist management, music retail, arts related manufacturing and sales, recording industry and technology, theatrical industry and contemporary church music ministry for cooperative experience. Prerequisites: MUS 410, MUS 412, MGMT 350. Course may be repeated one time for a maximum of six credit hours.	F - Fall S - Spring SU - Summer
MUS	0495	Music Certificate Exit Interview	C1	0.00		Designed as a reflection of work done during the student's time in their respective certificate. Students will meet with the department chair to review the overall experiences of the certificate during the last semester of their certificate.	
MUS	0498	Advanced Topics in Music	C1	0.00	4.00	For upper division music majors or related majors. Topics and methods not included in other courses. Permission of instructor is required.	D - Demand
MUS	0499	Independent Study	C1	0.00	3.00	Designed for the individual who desires to explore a topic more completely than can be done in a regular course offering. Prerequisite: See General Regulations in the catalog.	F - Fall S - Spring
MUS	0501	Southern Symphony Orchestra	C1	1.00		The Southern Symphony Orchestra studies and performs works from all periods of music, appropriate to the instrumentation of the ensemble. It is designed to provide quality performance experience in chamber and full orchestra settings, studying and performing standard orchestral repertoire. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring
MUS	0508	Middle School/Secondary Choral Methods	C1	3.00		Designed to formulate principles for directing middle school and secondary choral ensembles. Topics include the history/philosophy of choral singing in America; vocal technique within the choral rehearsal; choral decorum regarding tone, diction, intonation, balance, blend, musicality, and stage deportment; principles of IPA; the changing voice; the development and evaluation of a choral program; concert programming; choral score study; and rehearsal techniques. Podium time for ensemble vocalization and rehearsal, along with 5 hours of onsite observation, will provide the aspiring choral conductor the opportunity for guided experience, and see its practicality firsthand, when conducting middle school and secondary choral ensembles. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0509	Choral Literature I (Medieval, Renaissance, and Baroque)	C1	2.00		Covers the major composers, forms, styles, music, and performance practices of choral music from the Medieval Period to the Baroque periods. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0511	Marching Band Methods	C1	2.00		Designed to formulate skills involved in the planning and teaching of a public school marching band. Designed to help the post baccalaureate instrumental music pedagogue, this class will prepare students to teach the public school marching band at the highest levels. Topics include dealing with philosophy, curriculum, rehearsal planning, effective teaching, administration, arranging, drill writing, and show design. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	FO - Fall-Odd
MUS	0515	Woodwind Literature and Pedagogy	C1	2.00		Designed to provide students with an advanced understanding of teaching and performance techniques for woodwind instruments. Students will develop a pedagogical knowledge of private woodwind instrument teaching including student motivation, tone production, technique, articulations, transpositions, and a survey of literature. Topics include the historical development of woodwind instruments, repertoire and pedagogy, the study of pedagogical literature, and proper performance practices for each historical period and genre studied. The course will focus on developing a woodwind curricula appropriate for students at any level, from advanced middle school level through collegiate studies. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	SO - Spring-Odd

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0519	Southern Symphonic Chorus	C1	1.00		This choral ensemble is open to all University students of all ages, levels, and abilities. Both undergraduate and graduate students are welcome with the caveat that undergraduates must first seek approval from the director, given Concert Chorale is the main undergraduate choral music ensemble. It is not open to undergraduate vocal music majors or minors. Its purpose is to give the interested singer a performing group in which to sing, thus an opportunity to prepare and present, the great choral/orchestral music from the Baroque Period to the present. It meets in the Spring semester every year and combines with both Concert Chorale and the Southern Symphony Orchestra to present a concert at the end of the semester.	
MUS	0521	Concert Chorale	C1	1.00		This choral ensemble is the largest, nonetheless lightly select, mixed choir in the choral department and is comprised of students from a variety of majors across campus. This ensemble performs standard classic concert literature while exploring a variety of choral music styles from all periods of music history. This choir also becomes a part of the larger Southern Symphonic Chorus in the presentation of the large choral/orchestral work in the Spring semester and serves as the backbone for the choral department in terms of participation. Both the MOSO Chamber Singers and Madrigal Singers are chosen from this group.	
MUS	0523	Chamber Singers	C1	1.00		This choral ensemble is the premier choral ensemble at MSSU and provides the advanced singer the opportunity to prepare and present a variety of musical styles spanning all historical periods, choral genres, and cultural perspectives. This ensemble takes an international tour every 3 years, in addition to touring both semesters to recruit for the University. It is open to both undergraduate majors, non-majors, graduate students. Audition only, concurrent enrollment in Concert Chorale and applied voice.	
MUS	0529	Choral Literature II (Classical, Romantic, and Contemporary)	C1	2.00		Covers the major composers, forms, styles, music, and performance practices of choral music from the Classical through the Contemporary periods. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0530	Vocal Technique & Pedagogy	C1	2.00		An introduction to the science and teaching of singing. Emphasis is placed upon the study of the physiology and anatomy of the vocal instrument, principles breathing and phonation, vocal acoustics, and pedagogical approaches to training the singing voice. Common vocal problems will be discussed. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	SO - Spring-Odd
MUS	0539	Advanced Instrumental Conducting	C1	2.00		Designed for the conductor who wishes to refine his/her conducting skills in the areas of ensemble direction, score reading, and rehearsal techniques as related to communication, gesture, rehearsal, and listening. Topics include baton, rehearsal, score study techniques, error detection and resultant strategies. This course focuses upon (1) development of baton technique and non-verbal communication, and (2) score study and interpretation for the instrumental conductor. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	FE - Fall-Even
MUS	0543	Advanced Choral Conducting	C1	2.00		This advanced conducting course is designed for the conductor who wishes to refine his/her conducting skills in the areas of ensemble direction, score reading, and rehearsal techniques as related to communication, gesture, rehearsal, and listening. Students will explore areas of choral tone, harmony, texture, sonority, tonality, balance, rhythm, meter & stress, as they relate to choral music from the five areas of music history (medieval/ renaissance, baroque, classical, romantic, and 20th century). Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0571	Chamber Brass	C1	1.00		The study and performance of chamber music, transcribed, as well as written for, brass ensemble, from various style periods in music history.	
MUS	0583	Percussion Ensemble	C1	1.00		This select chamber ensemble is open to masters level percussionists. This course includes the study and performance of advanced percussion ensemble literature across different genres including: classical, popular, and ethnic styles. Permission of instructor. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring
MUS	0585	Chamber Winds	C1	1.00		Select chamber ensemble open to woodwind performers. Includes the study and performance of literature for various woodwind ensembles including classical, romantic, and 20th century music. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer
MUS	0587	Wind Ensemble	C1	1.00		The goal of this music performance course is to provide the opportunity for woodwind, brass, and percussion performers to come together with other like-minded (and like-spirited) musicians in an ensemble setting to rehearse and perform standard and emerging literature from the wind ensemble repertoire. This course will focus on overall concepts of self and ensemble expression, engagement, participation, and performance. We will also address musical concepts of ensemble and individual balance, blend, intonation, phrasing, dynamics, articulation, tone, rhythmic precision, color, and ensemble clarity. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0591	Marching Band	C1	1.00		A study and practice of the fundamentals of drill and presentation of musical marching maneuvers. Upon approval of the Director of Bands, students taking this for graduate credit will have additional opportunities to rehearse the marching band and have input on show design and direction. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0602	Mental Skills Training for Musicians	C1	2.00		Designed to equip musicians with essential knowledge and skills pertaining to the psychological factors that affect optimal music practice and performance. Topics include: mindset, motivation and commitment, goal setting and assessment, focus and concentration, anxiety and confidence, and visualization and guided imagery. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	UE - Summer-Even
MUS	0603	History and Philosophy of Music Education/Pedagogy	C1	3.00		This course is a foundational course in music education and music pedagogy, which focuses on the history of music education in the United States from the early 19th century to the present. Topics of study include major individuals and movements, music's place as a subject in the curriculum, and its future in regards to the recent and ongoing philosophical discussions in education. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0604	Research for Music Pedagogues	C1	3.00		This course examines common practitioner-based research designs used by music educators and music pedagogues. Students will learn how to analyze both quantitative and qualitative responses, consequently being able to form a hypothesis that will shape their beliefs, teaching methods, and provide a foundation for future study and research. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0613	Pedagogy of Music History	C1	2.00		This course is an overview and application of methods, philosophies, materials, and current trends in music history/musicology. Students engage in supervised teaching, research projects, and observations of music historians/musicologists, with a focus on the commonly agreed upon six eras of music history (medieval, renaissance, baroque, classical, romantic, and contemporary time periods) applicable to teaching college-level music history and music appreciation courses, which could be relevant to a secondary music appreciation teaching scenario. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0614	Pedagogy of Music Theory	C1	2.00		This course is an overview and application of methods, philosophies, materials, and current trends in music theory. Students engage in supervised teaching, research projects, and observations of music theory theorists; with a focus on music theory fundamentals applicable to teaching college-level freshmen and sophomore music-theory courses, which could be relevant to a secondary teaching scenario. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0616	Graduate Applied Brass	C1	1.00	6.00	Reinforces fundamentals of brass playing, including (but not limited to) tone production, breath control, dynamic flexibility, appropriate vibrato, technical development intonation, articulation, and rhythmic accuracy. Concepts will be reinforced by applying them to major works for the instrument. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer
MUS	0618	Graduate Applied Brass	C1	2.00		Reinforces fundamentals of brass playing, including (but not limited to) tone production, breath control, dynamic flexibility, appropriate vibrato, technical development intonation, articulation, and rhythmic accuracy. Concepts will be reinforced by applying them to major works for the instrument. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer
MUS	0620	Vocal Diction Survey	C1	2.00		A study of the International Phonetic Alphabet and its application to the primary languages singers and choral conductors use: English, Latin, Italian, German, and French. Activities will include in-class practice of sound production, written drill exercises, recitations of song texts, written examinations, and performance of songs to demonstrate proficiency. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	UO - Summer-Odd
MUS	0622	Vocal Repertoire for the Solo and Ensemble Singer	C1	2.00		A survey of various vocal literature from various State Prescribed Music Lists (PML) for both middle and high school students. The focus of this class is on learning about this repertoire and the method of choosing music for students from both style and pedagogical approaches. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	UO - Summer-Odd
MUS	0626	Graduate Applied Piano	C1	1.00	6.00	Designed to focus on the improvement of students' piano technique and musicianship. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0627	Orchestral Literature	C1	2.00		Covers the major composers, forms, styles, music, and performance practices of orchestral music from the Baroque era to the twentieth century. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	UO - Summer- Odd
MUS	0628	Wind Ensemble Literature	C1	2.00		Covers the major composers, forms, styles, music, and performance practices of Wind Ensemble music from the early 20th Century to the Contemporary periods. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	UE - Summer- Even
MUS	0629	Graduate Applied Piano	C1	2.00		Designed to focus on the improvement of student's piano technique and musicianship. Prerequisite: approval by the Music Department for post-baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction program with advisor approval.	F - Fall S - Spring SU - Summer
MUS	0630	Accompanying	C1	1.00	6.00	Applied accompanying for keyboard majors supervised by a piano faculty member. Prerequisite: approval by the Music Department for post-baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction program with advisor approval.	F - Fall S - Spring
MUS	0636	Graduate Applied Percussion	C1	1.00	6.00	Designed to take an advanced look in to percussion performance and pedagogy. Students will study individually to develop an advanced understanding of percussion techniques, literature, and history. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer
MUS	0638	Graduate Applied Percussion	C1	2.00		Designed to take an advanced look in to percussion performance and pedagogy. Students will study individually to develop an advanced understanding of percussion techniques, literature, and history. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer
MUS	0646	Graduate Applied Strings	C1	1.00	6.00	Designed to focus on the improvement of students' string technique and musicianship. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer
MUS	0648	Graduate Applied Strings	C1	2.00		Designed to focus on the improvement of students' string technique and musicianship. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer
MUS	0650	Music Pedagogy: Applied Studio	C1	2.00		This course is designed to provide an overview of the pedagogical practices of applied music instruction for a wide range of levels and instrument/voice types, extending from the middle school to the college learner. This includes, curriculum development, learning theory, lesson planning, repertoire, student motivation, and the management of the applied studio. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	UE - Summer- Even
MUS	0651	Music Pedagogy: Ensembles	C1	2.00		This course is an overview of the basic pedagogical practices of structuring a music ensemble in regards to the psychological, sociological, and anthropological aspects of working with people within the confines of a group. This includes, modes of instruction, member recognition and responsibility, feedback, reinforcement, and assessment. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0656	Graduate Applied Woodwind	C1	1.00	6.00	This course will reinforce fundamentals of woodwind playing, including (but not limited to) tone production, breath control, dynamic flexibility, appropriate vibrato, technical development intonation, articulation, and rhythmic accuracy. Concepts will be reinforced by applying them to major works for the instrument. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer
MUS	0658	Graduate Applied Woodwind	C1	2.00		This course will reinforce fundamentals of woodwind playing, including (but not limited to) tone production, breath control, dynamic flexibility, appropriate vibrato, technical development intonation, articulation, and rhythmic accuracy. Concepts will be reinforced by applying them to major works for the instrument. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer
MUS	0666	Graduate Applied Voice	C1	1.00	6.00	Applied voice lessons are designed to develop the vocal, technical, and artistic skills of the singer. Emphasis is placed on techniques in breathing, voice placement, diction, resonance, and interpretation of literature. Each student will be assigned literature to address his or her individual vocal, degree, and career needs. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer
MUS	0668	Graduate Applied Voice	C1	2.00		Applied voice lessons are designed to develop the vocal, technical, and artistic skills of the singer. Emphasis is placed on techniques in breathing, voice placement, diction, resonance, and interpretation of literature. Each student will be assigned literature to address his or her individual vocal, degree, and career needs. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	F - Fall S - Spring SU - Summer

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
MUS	0669	Graduate Applied Conducting	C1	1.00	6.00	Reinforces fundamentals of conducting, including, but not limited to, irregular beat patterns, baton technique, and non-baton technique along with factors in interpretation, score reading, and rehearsal procedures for instrumental and vocal ensembles. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0670	Graduate Applied Conducting	C1	2.00		Reinforces fundamentals of conducting, including, but not limited to, irregular beat patterns, baton technique, and non-baton technique along with factors in interpretation, score reading, and rehearsal procedures for instrumental and vocal ensembles. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	
MUS	0695	Choral/Orchestral Masterwork	C1	1.00		Designed to accompany the production of the choral/orchestral masterwork, which is performed every spring semester. Topics include: a) the history of the work(s) as it relates to genre-type and dates of composition, b) the ethnicity, geography of birth/living, personal and professional experiences, and compositional style of the composer as it relates to the why of the composition, and c) the composition itself in regards to form, text, and historical significance. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	S - Spring
MUS	0696	Music Workshop: Instrumental	C1	1.00		This workshop is designed to give music educators resources to enhance their teaching, specifically in the area of curriculum, music, and technique. The workshop will feature a reading session of both new music and tried and true classics of the instrumental repertoire (band, jazz, and orchestra), current methodologies, and philosophical antidotes to inspire, motivate, and encourage teachers as they prepare for the upcoming year. Prerequisite: Approval by the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval.	SU - Summer
MUS	0697	Music Workshop: Choral/Vocal	C1	1.00		This workshop is designed to give music educators resources to enhance their teaching, specifically in the area of curriculum, music, and technique. The workshop will feature a reading session of both new music and tried and true classics of the choral repertoire, current vocalization methodologies, and philosophical antidotes to inspire, motivate, and encourage teachers as they prepare for the upcoming year.	
MUS	0698	Graduate Advanced Topics in Music	C1	1.00	3.00	Designed to be a means to teach subjects and/or provide an avenue for assessing the graduate student as a capstone evaluative tool, which are not included in other courses. Prerequisite: In addition to receiving permission from the instructor, who will design the course, and/or in consultation with the advisor who will help structure the course content, approval by both the Department Chair and the Music Department for post baccalaureate studies in Music or acceptance into the MSSU Masters of Curriculum and Instruction Program with advisor approval is also required.	D - Demand
NURS	0307	Foundational Concepts of Nursing	C3	6.00		Focuses on the introduction to the foundations of nursing practice and demonstration of proficiency in beginning nursing skills including medical asepsis, safe patient handling, vital signs, assessment, sterile technique, personal hygiene, care environment, mobility, oral nutrition, enteral nutrition, urinary elimination, bowel elimination, specimen collection, and blood glucose monitoring. Foundational aspects of clinical judgement involving noticing, interpreting, responding, and reflecting as well as the nursing process will be defined and discussed in the context of the caring situation as a professional nurse. Prerequisites: admittance to nursing program, minimum GPA of 2.8, Co-requisites of NURS 321 and NURS 314. Recommended electives: HS 111, HS 210, BIO 308.	F - Fall S - Spring
NURS	0314	Pharmacology I	C3	2.00		Introduces the learner to pharmacological concepts that are foundational to noticing person and system-related factors that contribute to safe medication administration. The use of dimensional analysis in calculating Level I dosage calculations. The nursing role in administration of analgesics, herbal supplements, anti-infectives, and over-the-counter medications will also be considered. Prerequisites: admittance to the nursing program, minimum GPA of 2.8, co-requisites: NURS 321 and NURS 307. Recommended electives of HS 111, HS 210, BIO 308.	F - Fall S - Spring
NURS	0321	Adult Health I	C3	6.00		Introduces the learner to the unique patterns of health and responses that are noticed and interpreted by the nurse in clinical situations. Foundational aspects of nursing practice with a focus on a body system approach across the adult lifespan to data gathering and assessment are exemplified. Clinical judgement and techniques using safe, quality, evidence-based practice further support professional accountability and adaptability in care situations. Practice in providing nursing care to adults across the lifespan occurs in clinical situations such as hospitals, clinics, long-term care, laboratory, and simulation. Prerequisites: admittance to the nursing program, minimum GPA of 2.8, co-requisites: NURS 314 and NURS 307. Recommended electives.	F - Fall S - Spring
NURS	0328	Concepts of Mental Health Nursing	C3	3.00		Introduces theories and implementation of evidence-based care for persons with psychiatric/mental health issues, including psychosocial concepts, cultural, ethical, and legal influences; and wellness of individuals and family groups. The professional nursing role in psychiatric/mental health is developed. Prerequisites: NURS 307, 314, and 321. Corequisites: NURS 333 and NURS 342.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
NURS	0333	Adult Health II	C3	7.00		Builds upon the learner's understanding of clinical judgment and techniques with continued focus on the nursing process. An introduction to prioritization/assignment/delegation/supervision and end of life care is provided. The course continues a body system approach across the adult lifespan with integrated applicable skills specific to intravenous management, diagnostics, airway management, blood product administration, and advanced parenteral nutrition. Practice in providing nursing care to adults across the lifespan occurs in clinical situations such as hospitals, clinics, long-term care, laboratory, and simulation. Prerequisites: NURS 307, NURS 314 and NURS 321. Co-requisites NURS 328 and NURS 342.	F - Fall S - Spring
NURS	0342	Pharmacology II	C3	2.00		Builds on aspects related to pharmacological principles, safe medication administration and nursing responsibilities related to pharmacological knowledge. The use of dimensional analysis in calculating Level II dosage calculations is presented. The nursing role in administration of psychotropics, central nervous system depressants & stimulants, substances most abused, antihistamines/decongestants/antitussives, antiviral, antimalarial, antiemetics, vitamins/minerals, anemia drugs, and nutritional supplements is provided. Prerequisites: NURS 307, NURS 314 and NURS 321. Co-requisites: NURS 328 and NURS 333.	F - Fall S - Spring
NURS	0407	Concepts of Women's Health & Obstetrical Nursing	C3	3.00		Focuses on nursing care of the childbearing family and reproductive health. An overview of obstetrical nursing care and parent-neonate nursing is provided. The nursing process/clinical judgement model is emphasized as a means to frame both nursing care during the childbearing cycle and neonate. Practice in providing nursing care to families during each phase of the childbearing cycle occurs in clinical situations such as hospitals, clinics, laboratory, and simulation. Prerequisites: NURS 328, NURS 333 and NURS 342. Co-requisites: NURS 414, NURS 421 and NURS 428.	F - Fall S - Spring
NURS	0414	Concepts of Pediatric & Family Nursing	C3	3.00		Focuses on nursing care of the pediatric client from infancy to young adult. An overview of pediatric and parent-child nursing is provided. The nursing process/clinical judgement model is emphasized to frame nursing care during the pediatric age range of infancy to 18 years of age with consideration of developmental theories. Practice in providing nursing care to pediatric clients occurs in clinical situations such as hospitals, clinics, laboratory, and simulation. Prerequisites: NURS 328, NURS 333 and NURS 342. Co-requisites: NURS 407, NURS 421 and NURS 428.	F - Fall S - Spring
NURS	0421	Pharmacology III	C3	2.00		Builds upon all previously learned aspects related to pharmacological knowledge and/or principles in Pharmacology I and II. An introduction to the evolving role of professional nurses as related to gene therapy is presented. The use of dimensional analysis in calculating Level III dosage calculations is presented. The nursing role in administration of drugs affecting the autonomic nervous system, endocrine system, cardiovascular/respiratory system, gastrointestinal system, and chemotherapeutic/biologic/immune modifiers is provided. Prerequisites: NURS 328, NURS 333 and NURS 342. Co-requisites: NURS 407, NURS 414 and NURS 428.	F - Fall S - Spring
NURS	0428	Adult Health III	C3	5.00		Begins the introduction of advanced topics relating to health relying on the learned model of clinical judgement and the nursing process. A systematic approach to the adult lifespan and related health conditions/health promotion and health teaching aspects is considered. The integration of applicable skills specific to electrocardiogram, closed chest drainage system management, and advanced airway management is provided. Topics discussed in this course include genetics, cancer, lower respiratory problems, dysrhythmias, vascular disorders, endocrine problems, chronic neurological problems, and musculoskeletal problems. Practice in providing nursing care to adults across the lifespan occurs in clinical situations such as hospitals, clinics, long-term care, laboratory, and simulation. Prerequisites: NURS 328, NURS 333 and NURS 342. Co-requisites: NURS 407, NURS 414 and NURS 421.	F - Fall S - Spring
NURS	0431	Concepts of Professional Nursing: RN to BSN	C3	3.00		This course will differentiate professional implications (knowledge, skills, standards, regulations) specific to the role of a baccalaureate prepared nursing professional. The context of knowledge will encompass nursing history, clinical judgement founded upon a broad knowledge base, functional areas of nursing practice, and the essential role of improving healthcare quality and safety. Prerequisites: admittance to the RN to BSN nursing program, minimum GPA of 2.8, unencumbered Registered Nurse license in Missouri OR compact state, Pre-requisite nursing courses as listed in the admission section of the catalog.	F - Fall S - Spring SU - Summer
NURS	0435	Adult Health IV	C3	6.00		Introduces advanced topics and reinforces previously learned related to adult health relying on the model of clinical judgement and the nursing process. A systematic approach to the adult lifespan and related health conditions/health promotion and health teaching aspects is considered. advanced topics include critical care, emergency nursing, disaster preparedness and management, shock, sepsis, organ dysfunction, neurological disorders, trauma, and respiratory failure/acute respiratory distress syndrome. The course reinforces leadership principles with a clinical practice focus upon management of multiple adult clients, with the integration of all applicable nursing skills and techniques learned throughout the program. Practice in providing nursing care to adults across the lifespan occurs in clinical situations such as hospitals, laboratory, and simulation. Prerequisites: NURS 407, NURS 414, NURS 421 and NURS 428. Co-requisites: NURS 442, NURS 449, NURS 456 and NURS 463.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
NURS	0437	Advanced Health Assessment	C3	3.00		This course will apply current nursing knowledge in the assessment of the patient and expand upon this knowledge to gain a holistic perspective of the person, family, community, and population for actual and potential health problems or needs. The course will differentiate between normal and abnormal health findings as well as integrate assessment skills in a comprehensive, systematic manner. Prerequisites: admittance to the RN to BSN nursing program, minimum GPA of 2.8, unencumbered Registered Nurse license in Missouri OR compact state, Pre-requisite nursing courses as listed in the admission section of the catalog.	F - Fall S - Spring SU - Summer
NURS	0442	Concepts in Leadership and Management in Nursing	C3	2.00		Uses a system thinking framework to explain how a nursing student moves through the first two stages of Benner's Novice to Expert using Tanner's Clinical Judgement Model to enhance decision-making in nursing practice. The course considers the application of advanced aspects of delegation, supervision, prioritization, and situational thinking. Discusses leadership and management theory along with models of workplace culture, inter-professional roles/teamwork, quality improvement, client safety, conflict resolution, and healthcare policy. Prerequisites: NURS 407, NURS 414, NURS 421 and NURS 428. Co-requisites: NURS 435, NURS 449, NURS 456, and NURS 463.	F - Fall S - Spring
NURS	0444	Applied Pathophysiology and Pharmacology for the Nursing Professional	C3	4.00		This course integrates established nursing knowledge of pathophysiology to that of pharmacology interventions as distinguished in the practice of a professional nurse. Using the clinical judgement model, the course will attempt to focus on central concepts of pathophysiology/pharmacology for the following: mechanisms of self-defense, neurological system, endocrine system, hematologic system, cardiovascular/pulmonary system, and multiple interacting systems (shock, multiorgan failure, and burns). Prerequisites: admittance to the RN to BSN nursing program, minimum GPA of 2.8, unencumbered Registered Nurse license in Missouri OR compact state, Pre-requisite nursing courses as listed in the admission section of the catalog; NURS 431 and NURS 437 with a grade of 'C' or higher.	F - Fall S - Spring
NURS	0449	Concepts in Population Health Nursing	C3	3.00		Explores population health and the role of the professional nurse. The application of theoretical and empirical knowledge using the nursing process/clinical judgement models to promote, maintain, and restore health in rural and home health care delivery, hospice/palliative care, community assessment, and services or disciplines that are community oriented is presented. An introduction to epidemiology and prevention strategies for family and community-focused health problems are provided. Includes clinical experiences in the community and/or applicable acute care settings such as but not limited to urgent care, public health department, occupational medicine, hospice/palliative care, and ancillary service-oriented community organizations. Prerequisites: NURS 407, NURS 414, NURS 421 and NURS 428. Co-requisites: NURS 435, NURS 442, NURS 456 and NURS 463.	F - Fall S - Spring
NURS	0450	Community Health Nursing	C3	5.00		Concepts and methods for assessment of community strengths and health needs will be analyzed to improve the overall health status of the person and aggregates. Three hours lecture, six hours of clinical per week. Prerequisites: Minimum 2.0 GPA in prior semester in NURS 301 (RNs only), NURS 400, NURS 420, and NURS 430 and concurrent with NURS 460 and NURS 470.	F - Fall S - Spring
NURS	0451	Innovation in Nursing and Healthcare	C3	4.00		This course will depict current ideas of innovation in nursing and healthcare using an evidence-based approach. Innovation, its impact, and how to create a culture of innovation in healthcare acting upon entrepreneurship is presented. An introduction to various leadership mindsets, diffusion of innovation theory, asking the clinical question, and emerging trends in healthcare innovation are presented. Prerequisites: admittance to the RN to BSN nursing program, minimum GPA of 2.8, unencumbered Registered Nurse license in Missouri OR compact state, Pre-requisite nursing courses as listed in the admission section of the catalog; NURS 431 and NURS 437 with a grade of 'C' or higher.	F - Fall S - Spring
NURS	0456	Concepts of Evidence-Based Practice in Nursing	C3	2.00		Introduces the learner to principles and methods of nursing research. An in-depth review and application of research evidence to practice is provided. Prerequisites: NURS 407, NURS 414, NURS 421 and NURS 428. Co-requisites: NURS 435, NURS 442, NURS 449 and NURS 463.	F - Fall S - Spring
NURS	0458	Nursing Research and Evidence-Based Practice	C3	4.00		This course will introduce the basic concepts, processes, and applications of nursing research with a focus on the research role of the nurse in the delivery of safe, evidence-based, and quality patient care. Concepts specific to nursing research will include professional, legal, and ethical responsibilities of the nurse research and relevance of research as it relates to evidence-based practice. Prerequisites: admittance to the RN to BSN nursing program, minimum GPA of 2.8, unencumbered Registered Nurse license in Missouri OR compact state, Pre-requisite nursing courses as listed in the admission section of the catalog; NURS 431; and NURS 437; and NURS 444; and NURS 451 all with a grade of 'C' or higher.	F - Fall S - Spring
NURS	0460	Nursing Research	C3	3.00		Emphasizes evaluation of nursing research, utilization of research findings in the clinical setting, and assisting in the conduct of research. Three hours of lecture per week. Prerequisites: minimum 2.0 GPA in prior semester in NURS 400, NURS 420, and NURS 430 and concurrent with PSY 320 or MATH 310 or GB 321 or SOC 405, NURS 450 and NURS 470.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
NURS	0463	Senior Seminar	C3	2.00		Includes information specific to the application for nursing licensure and the NCLEX-RN test plan components. Preparation in the form of a NCLES review, attainment of the Institute for Healthcare Improvement "Basic Certificate in Quality & Safety" and comparison of mission, vision, and values of the National Council of State Boards of Nursing to the Missouri State Board of Nursing is provided. Culminates in the completion of the MSSU BSN ePortfolio and student presentations of a clinical case study with teaching plan or EBP Project Part III. Guest lecturers in a variety of clinical specialties and organizations are included. Prerequisites: NURS 407, NURS 414, NURS 421 and NURS 428. Co-requisites: NURS 435, NURS 442, NURS 449 and NURS 456.	F - Fall S - Spring
NURS	0470	Nursing Management and Leadership	C3	5.00		Emphasis is on nursing management and organization, nursing leadership skills, and resource allocation. Three hours lecture and six hours clinical per week. Prerequisites: Minimum 2.0 GPA in prior semester in NURS 301 (RNs only), NURS 400, NURS 420, and NURS 430 and concurrent with NURS 450 and NURS 460.	F - Fall S - Spring
NURS	0479	Population Health for Clinical Practice	C3	4.00		This course focuses on public health nursing using an upstream approach when working with aggregates and communities in the organization and setting of health policy. The course will build upon learned concepts of evidence-based practice to include essential components of healthier environments and equitable health care. Social determinants of health are a central focus of this course. Prerequisites: admittance to the RN to BSN nursing program, minimum GPA of 2.8, unencumbered Registered Nurse license in Missouri OR compact state, Pre-requisite nursing courses as listed in the admission section of the catalog; NURS 431 and NURS 437 and NURS 444 and NURS 451 and NURS 458 all with a grade of 'C' or higher.	F - Fall S - Spring
NURS	0486	Leadership, Management, and Nursing Practice	C3	4.00		This course will relate concepts for nursing professionals to develop leadership strategies, frameworks of being, and situational leadership or management models in healthcare environments. An overview of the personal characteristics and mindsets the nurse leader must hone to increase their influence upon unique environments in practice. Differences in leadership versus management of nursing units or healthcare systems will be discussed. The relevancy of current nursing practice and challenges of key aspects influencing the profession such as safe staffing, culture, governance, innovation, and resilience is highlighted. Prerequisites: admittance to the RN to BSN nursing program, minimum GPA of 2.8, unencumbered Registered Nurse license in Missouri OR compact state, Pre-requisite nursing courses as listed in the admission section of the catalog; NURS 431 and NURS 437 and NURS 444 and NURS 451 and NURS 458 all with a grade of 'C' or higher.	F - Fall S - Spring
NURS	0493	BSN Practicum: Application of Learned Concepts	C3	4.00		This course is the capstone practicum to demonstrate the RN to BSN student responsibility and accountability to practice learned concepts. The course aim is to substantiate healthcare delivery in a community, educational setting, and leadership role in addition to the practice area chosen by the practicing Registered Nurse. Prerequisites: admittance to the RN to BSN nursing program, minimum GPA of 2.8, unencumbered Registered Nurse license in Missouri OR compact state, Pre-requisite nursing courses as listed in the admission section of the catalog; NURS 431 and NURS 437 and NURS 444 and NURS 451 and NURS 458 and NURS 479.all with a grade of 'C' or higher. RN to BSN Nursing Course Pathway Fee: \$300	F - Fall S - Spring
NURS	0498	Advanced Topics in Nursing	C3	1.00	3.00	Special topic or topics not normally included in another course. Prerequisites: Upper division standing; additional requirements will be stipulated in the syllabus of the course.	D - Demand
NURS	0499	Independent Study	C3	1.00	3.00	Independent study course structured by adviser with approval of department head. Prerequisite: Advanced standing in major field. Registration in the course must be approved by adviser, department head, and school dean. Minimum of 3.0 GPA required.	D - Demand
OL	0298	Topics in Foreign Languages	C1	1.00	8.00	Languages not currently a part of the curriculum may be offered on appropriate demand, subject to the availability of faculty. For each offering, a course in a specific target language will be structured with the objective of developing the speaking, understanding, reading, and writing skills of the student in the target language. Each offering will have a syllabus stating specific requirements of the course as well as prerequisites.	D - Demand
OL	0498	Advanced Topics in Foreign Languages	C1	1.00	8.00	Advanced studies in foreign languages and literatures not currently part of the curriculum may be offered on appropriate demand, subject to the availability of faculty. For each offering, a course in a specific language will be structured with the objective of developing further the speaking, understanding, reading, and writing skills of the student in the target language, as well as developing a further awareness of the literature of the specific language. Each offering will have a syllabus stipulating specific requirements of the course as well as prerequisites.	D - Demand
PARA	0101	Escaping Violent Encounters	C3	1.00		Escaping Violent Encounters for EMS/Fire gives the EMS provider the options needed to recognize a developing threat of assault, deflect it if possible, escape if practical, and defend if necessary. This non-violent system of prevention and avoidance takes a realistic approach to dealing with assaults on EMS and Fire personnel. The course gives EMS and Fire personnel an effective and reasonable plan on how to avoid an attack, and also how to defend themselves once attacked.	F - Fall S - Spring SU - Summer

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PARA	0220	Emergency Medical Technician	C3	9.00		Emergency Medical Technician is a fundamental course that is designed to provide you with the knowledge, skills and experience to function as a competent, entry-level practitioner. The student will gain knowledge about the acute, critical differences in physiology, pathophysiology, and clinical differences as they pertain to the pre-hospital emergency medical care of the infant, child, adolescent, adult, and geriatric patient. The student will develop skills in patient assessment, airway management, shock and bleeding control, and splinting. The student will have the opportunity to implement the knowledge and skills learned and gain clinical experience during hospital and ambulance based clinical rotations. PARA 201 or BIO 121 is strongly recommended prior to enrolling in this course. Prerequisite: Student must possess a current CPR for Healthcare Provider certification.	F - Fall S - Spring SU - Summer
PARA	0230	Advanced Emergency Medical Technician	C3	9.00		Advanced Emergency Medical Technician is a foundational and progressing course that is designed to provide you with the knowledge, skills and experience to function as a competent, Advanced EMT practitioner. The student will gain and expand knowledge about the acute, critical differences in physiology, pathophysiology, and clinical differences as they pertain to the pre-hospital emergency medical care of the infant, child, adolescent, adult, and geriatric patient. The student will develop skills in patient assessment, airway management, shock and bleeding control, and splinting. The student will have the opportunity to implement the knowledge and skills learned and gain clinical experience during hospital and ambulance based clinical rotations. BIO 0180 is strongly recommended prior to enrolling in this course. Prerequisites: Students must possess a current CPR for Healthcare Provider certification and National Registry or State EMT certification.	F - Fall S - Spring SU - Summer
PARA	0248	Introduction to Paramedic Skills	C3	2.00		Introduces basic, fundamental skills that are required for the paramedic to function. Without the knowledge, and ability to properly perform these skills, the paramedic would not be able to treat patients. These skills include intravenous (IV) access, intraosseous (IO) access, medication administration and patient assessment. This lab course will meet for a total of four hours each week. Prerequisite: Nationally Registered Emergency Medical Technician, Missouri Emergency Medical Technician license, American Heart Association Basic Life Support for Healthcare Provider certification.	F - Fall
PARA	0251	EMS Foundations	C3	2.00		EMS Foundations introduces the students to the building blocks of the para-medicine profession. The course emphasizes professionalism and the expanding roles of the paramedic. Provides an introduction to the following topics: EMS Systems, roles and responsibilities, safety, EMS research, public health, medical and legal aspects of pre hospital care, ethics, communication, and documentation. One hour of lecture per week and two hours of lab per week. Prerequisites: nationally registered Emergency Medical Technician, Missouri Emergency Medical Technician license, American Heart Association Basic Life Support for Healthcare Provider certification. Co-requisites: PARA 248, PARA 252, PARA 253, PARA 254, PARA 256 and PARA 370.	F - Fall
PARA	0252	EMS Pharmacology	C3	2.00		Introduces the underlying principles of pharmacology and provides a perspective of the historical, regulatory (FDA) and industrial aspects of pharmacological science. This includes overviews of the physiological, biochemical, and anatomical foundations for the interaction of drugs and chemicals with biological systems as well as a brief examination of pharmacodynamics and pharmacokinetics. Students will also become familiar with basic concepts of the interactions of chemical agents with living tissues. This course is intended to orient new paramedic students to the general scope of pharmacologic science. Prerequisites: nationally registered Emergency Medical Technician, Missouri Emergency Medical Technician license, American Heart Association Basic Life Support for Healthcare Provider certification. Co-requisites: PARA 248, PARA 251, PARA 253, PARA 254, PARA 256, and PARA 370.	F - Fall
PARA	0253	EMS Pathophysiology	C3	2.00		Pathophysiology is the study of physiologic functions in an abnormal state. It is necessary for the paramedic student to understand human pathophysiology in order to recognize injury or illness that occurs in the human body, and to be able to anticipate changes in the injured or ill patient's condition. Principles of pathophysiology will be presented to the student, and the student will learn to recognize pathophysiological findings in many body systems including but not limited to the circulatory system, the musculoskeletal system, the respiratory system and abnormal neurological findings. Prerequisites: nationally registered Emergency Medical, Technician, Missouri Emergency Medical Technician license, American Heart Association Basic Life Support for Healthcare Provider certification. Co-requisites: PARA 248, PARA 251, PARA 252, PARA 254, PARA 256, and PARA 370.	F - Fall
PARA	0254	Pulmonology	C3	2.00		Pulmonology introduces the paramedic student to commonly encountered respiratory system emergencies. Focus will be placed on respiratory anatomy and physiology, and the assessment and treatment of respiratory emergencies. Instruction will integrate assessment findings with principles of epidemiology and pathophysiology to formulate a field impression and treatment plan. Two hours of lecture each week. Co-requisites: PARA 251, PARA 252, PARA 253, PARA 256, and PARA 370.	F - Fall
PARA	0255	Paramedic Skills	C3	3.00		Introduces advanced level paramedic skills along with scenario-based labs. Paramedic Skills I incorporates the use of MSSU Simulation Lab and well as the Paramedic Simulation Lab. Paramedic Skills I focuses on advanced skills (needle decompression of the chest, mechanical ventilation, cricothyrotomy, pediatric rapid sequence intubation) and incorporating them into scenario-based practice. Paramedic Skills I includes American Heart Association Pediatric Advanced Life Support during lab hours. Prerequisites: PARA 248, PARA 251, PARA 252, PARA 253, PARA 254, PARA 256 and PARA 370. Corequisites: BIO 121, PARA 272, PARA 273 and PARA 390.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PARA	0256	Pre-Hospital Cardiology	C3	2.00		Arguably, one of the most important areas of study in pre-hospital medicine is cardiology. The paramedic must be able to both recognize and treat cardiac disease in order to provide the patient with appropriate and timely care. This ability will minimize morbidity and mortality related to cardiac disease in the community. The ability to quickly recognize cardiac related illnesses, and confidently provide rapid treatment and transport is vital to the success of the paramedic student. Prerequisite, Nationally Registered Emergency Medical Technician, Missouri Emergency Medical Technician license, American Heart Association Basic Life Support for Healthcare Provider certification.	F - Fall
PARA	0272	Traumatology	C3	4.00		Traumatology details the anatomy, physiology, and pathophysiology of trauma. Albeit trauma is a surgical disease, and in many instances definitive care must be provided in the operating room, there is a significant amount of care that can be provided by pre-hospital personnel to help reduce both morbidity and mortality. This course addresses various types of trauma based on the body systems involved. Instruction will integrate assessment findings with principles of epidemiology and pathophysiology to formulate a field impression and treatment plan. Four hours of lecture per week. Prerequisites: Completion of PARA 251, PARA 252, PARA 253, PARA 254, PARA 256, and PARA 370 with a "C" or better. Co-requisites: BIO 121, PARA 255, PARA 273 and PARA 390.	S - Spring
PARA	0273	Emergency Medical Care	C3	3.00		Emergency Medical Care introduces the paramedic student to commonly encountered illnesses and non-traumatic emergencies. Focus will be placed on neurology, endocrinology, immunology, gastroenterology, nephrology, toxicology, infectious disease, psychiatric and behavior disorders, and obstetrics/gynecology. Instruction will integrate assessment findings with principles of epidemiology and pathophysiology to formulate a field impression and treatment plan. Three hours of lecture per week. Prerequisites: Completion of PARA 251, PARA 252, PARA 253, PARA 254, PARA 256, and PARA 370 with a "C" or better. Co-requisites: BIO 121, PARA 255, PARA 272 and PARA 390.	S - Spring
PARA	0275	Paramedic Skills II	C3	3.00		This course expounds on the skills learned in Paramedic Skills I. Paramedic Skills II focuses on the highly advanced skills needed to function as a paramedic. Skills and topics covered in the class include: thoracentesis and thoracotomy, cricothyrotomy, IV infusions, mechanical ventilators, transporting patients with balloon pumps, escharotomy, and assessment of the critical care patient. The course will meet for one hour of lecture and four hours of laboratory per week. Prerequisites: Completion of PARA 255, PARA 272, PARA 273, and PARA 390 with a "C" or better. Co requisites: PARA 292, PARA 293, PARA 391 and PARA 395.	SU - Summer
PARA	0292	EMS Operations	C3	1.00		EMS Operations introduces paramedic students to the principles of paramedic operations. The course addresses ground and air transport, along with a variety of special circumstances, including: multiple-casualty incidents, rescue operations, hazardous materials, crime scenes, rural practice, and terrorist incidents. Two hours of lecture per week. Prerequisites: Completion of PARA 255, PARA 272, PARA 273, and PARA 390 with a "C" or better. Co-requisites: PARA 275, PARA 293, PARA 391, and PARA 395.	SU - Summer
PARA	0293	Special Patient Populations	C3	1.00		Special Patient Populations provides the paramedic student with information they need about special populations: pediatrics, geriatrics, disabled patients, patients requiring chronic care, and patients of abuse, assault, and neglect. Instruction will integrate assessment findings with principles of epidemiology and pathophysiology to formulate a field impression and treatment plan, taking into account special considerations for the varying populations. Two hours of lecture per week. Prerequisites: Completion of PARA 255, PARA 272, PARA 273, and PARA 390 with a "C" or better. Co-requisites: PARA 275, PARA 292, PARA 391, and PARA 395.	SU - Summer
PARA	0298	Topics in EMT-Paramedic	C3	1.00	4.00	Designed to give instruction in some area of the paramedic field not covered in other courses. Prerequisites to be determined by the department and listed on the syllabus for the specific course.	D - Demand
PARA	0370	Field Internship/Clinical Practicum I	C3	3.00		During Field Internship / Clinical Practicum, students complete a minimum of 360 clock hours in various departments of regions hospital affiliates. Rotations include, but are not limited to: emergency department, critical care units, pediatrics, labor and delivery, cardiac catheterization lab, operating room, urgent care, psychiatric unit, and post-anesthesia care unit. Prerequisites: nationally registered Emergency Medical Technician, Missouri Emergency Medical Technician license, American Heart Association Basic Life Support for Healthcare Provider certification. Co-requisites: PARA 251, PARA 252, PARA 253, PARA 254, and PARA 256.	F - Fall
PARA	0390	Field Internship/Clinical Practicum II	C3	3.00		During Field Internship, students are assigned to a Paramedic preceptor with an area Advanced Life Support Ambulance. During the Clinical Experience, students are assigned to in Hospital health care professionals. Students complete a minimum of 360 clock hours during this Field Internship / Clinical Practicum. Focus is placed on developing pre hospital care team leadership abilities and scene management. Students will progress from observer to team member during these rotations improving patient care skills and real world patient care situations. Prerequisites: Completion of PARA 251, PARA 252, PARA 253, PARA 254, PARA 256, and PARA 370 with a "C" or better. Co requisite: PARA 255, PARA 272, PARA 273.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PARA	0391	Capstone Field Internship	C3	4.00		This course is designed to meet the accreditation and national certification requirements at the Paramedic level. During Field Internship, students are assigned to a Paramedic preceptor with an area Advanced Life Support Ambulance. Students complete a minimum of 360 clock hours during the Capstone Field Internship course. Focus is placed on developing pre-hospital care team leadership abilities and scene management. Students will progress to the team leader role during this course and focus on the critical thinking that is required in direct patient care situations. Students will also spend time with Medical Doctors in the Emergency Department setting for Medical Control Evaluations as part of the program graduation requirements. Prerequisites: Completion of PARA 255, PARA 272, PARA 273, and PARA 390 with a "C" or better. Co-requisites: PARA 275, PARA 292, PARA 293, and PARA 395.	SU - Summer
PARA	0395	EMS Seminar	C3	1.00		EMS Seminar serves as a capstone course for the paramedic program. The course is designed to test competency in all paramedic skills and prepare for the National Registry of Emergency Medical Technician cognitive and psychomotor examinations. One hour of lecture per week, one 24-hour board preparation course. Prerequisites: Completion of BIO 121, PARA 255, PARA 272, PARA 273, and PARA 390 with a "C" or better. Co-requisites: PARA 275, PARA 292, PARA 293, and PARA 391.	SU - Summer
PARA	0401	EMS Systems	C3	3.00		EMS Systems is an introduction to Emergency Medical Services (EMS) systems. Theoretical concepts and issues will be discussed and examined in order to provide the student with a conceptual basis for understanding and analyzing EMS systems and organizations. Particular emphasis will be placed on system components, system integration and the roles and responsibilities of management and leadership in EMS organizations. Three hours of lecture per week. Prerequisites: Completion of HS 350 with a grade of "C" or better.	SU - Summer
PARA	0402	EMS Leadership	C3	3.00		EMS Leadership provides a general overview of management and administrative functions required of EMS managers today, including: planning, directing, budgeting, staffing, and evaluation. Particular emphasis will be placed on issues relating to human resources, EMS operations, and organizational planning. Three hours of lecture per week. Prerequisites: Completion of HS 350 and HS 390 with a grade of "C" or better.	F - Fall S - Spring
PARA	0411	EMS Research	C3	3.00		EMS Research is an introduction to basic research methods and basic statistical procedures used in Emergency Medical Services. Students will use this information to assist them with reading, interpreting, and evaluating articles in the pre-hospital healthcare literature. Three hours of lecture per week. Prerequisites: MATH 310, GB 321, SOC 305, or PSY 320 and ENG 102.	F - Fall
PARA	0412	EMS Research Internship I	C3	3.00		EMS Research Internship I is the initial practical application experience to Emergency Medical Services Research. Practical concepts and issues will be discussed and examined in order to provide the student with a real life basis for understanding and analyzing the impact that research has on current requirements of today's Emergency Medical Services. Particular emphasis will be placed on the roles and responsibilities of the EMS Educator / Training Officer as they pertain to research in both the academic setting and the field setting. 8 hours of internship per week, plus 2 hours of online coursework. Prerequisites: Completion of PARA 408 with a grade of "C" or better.	S - Spring
PARA	0413	EMS Research Internship II	C3	3.00		EMS Research Internship II is the initial practical application experience to Emergency Medical Services Research. Practical concepts and issues will be discussed and examined in order to provide the student with a real life basis for understanding and analyzing the impact that research has on current requirements of today's Emergency Medical Services. Particular emphasis will be placed on the roles and responsibilities of the EMS Educator / Training Officer as they pertain to research in both the academic setting and the field setting. 8 hours of internship per week, plus 2 hours of online coursework. Prerequisites: Completion of PARA 408 with a grade of "C" or better.	SU - Summer
PARA	0421	Critical Care Paramedic Clinical Experience	C3	2.00		Critical Care Paramedic Clinical Experience is the field/clinical aspect of the Critical Care Paramedic course. This course is the practical application of the theoretical concepts that are presented in the Critical Care Paramedic course in the real world setting. Particular emphasis will be placed on advanced assessment, skills and critical thinking aspects of acutely sick or injured patients from a hospital or field setting. One 8 hr. shift in a critical care setting per week is required as well as online testing and assignments. Prerequisites: Paramedic Certification and Departmental Approval. Co requisites: PARA 420 and PARA 422.	F - Fall
PARA	0426	Community Paramedic Clinical Experience	C3	2.00		Community Paramedic Clinical Experience is the field / clinical aspect of the Community Paramedic course. This course is the practical application of the theoretical concepts that are presented in the Community Paramedic course in the real world setting. Particular emphasis will be placed on advanced assessment, skills and critical thinking aspects of treatment of the patient in a home or community setting without transport. One 8 hr. shift in a setting designed to prepare the student for Community Paramedic experiences per week is required as well as online testing and assignments. Prerequisites: Paramedic Certification and Departmental Approval. Co requisites: PARA 425 and PARA 427.	S - Spring
PARA	0427	Community Paramedic Skills	C3	3.00		Community Paramedic Skills focuses on the highly advanced, critical care skills needed to function as a paramedic. Skills and topics covered in the class include (but not limited to): advanced health assessments, chronic disease monitoring and education, patient medication compliance and education, immunization and vaccinations, various specimen collection follow up care post hospital discharge, medical procedures deemed as "minor". The course will meet for 3 hours of laboratory experiences per week with online assignments and testing weekly. Prerequisites: Paramedic Certification and Departmental Approval. Co requisites: PARA 425 and PARA 426.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PERF	0240	Seminar: Performance and Recital Attendance	C1	0.00		Attendance at designated afternoon meetings and at both daytime and evening performances/lectures/presentations/recitals is required of all Lower Division Performing Arts (Music and Theatre) majors each semester of residency. The purpose of this course is to expand the knowledge base of the performing-arts-student through the experience of observing a diversity of musical and theatrical performances, lectures, presentations, and masterclasses that exist in the realm of the classical repertoire of music and theatre. Thus, students will learn the protocol required to be an astute performer and performance attendee.	F - Fall S - Spring
PERF	0241	Seminar: Performance and Recital Attendance - Credit	C1	1.00		Attendance at designated afternoon meetings and at both daytime and evening performances/lectures/presentations/recitals is required of all Lower Division Performing Arts (Music and Theatre) majors each semester of residency. The purpose of this course is to expand the knowledgebase of the performing-arts-student through the experience of observing a diversity of musical and theatrical performances, lectures, presentations, and masterclasses that exist in the realm of the classical repertoire of music and theatre. Thus, students will learn the protocol required to be an astute performer and performance attendee. Although the zero-credit version of this course is required (PERF 240), students may voluntarily receive credit by taking this course instead.	F - Fall S - Spring
PERF	0340	Seminar: Advanced Performance and Recital Attendance	C1	0.00		Attendance at designated afternoon meetings and at both daytime and evening performances/lectures/presentations/recitals is required of all Upper Division Performing Arts (Music and Theatre) majors each semester of residency. The purpose of this course is to expand the knowledgebase of the performing-arts-student through the experience of observing a diversity of musical and theatrical performances, lectures, presentations, and masterclasses that exist in the realm of the classical repertoire of music and theatre. Thus, students will learn the protocol required to be an astute performer and performance attendee.	F - Fall S - Spring
PERF	0341	Seminar: Advanced Performance and Recital Attendance - Credit	C1	1.00		Attendance at designated afternoon meetings and at both daytime and evening performances/lectures/presentations/recitals is required of all Upper Division Performing Arts (Music and Theatre) majors each semester of residency. The purpose of this course is to expand the knowledgebase of the performing-arts-student through the experience of observing a diversity of musical and theatrical performances, lectures, presentations, and masterclasses that exist in the realm of the classical repertoire of music and theatre. Thus, students will learn the protocol required to be an astute performer and performance attendee. Although the zero-credit version of this course is required (PERF 340), students may voluntarily receive credit by taking this course instead.	F - Fall S - Spring
PERF	0402	Mental Skills Training for Performing Artists	C1	2.00		Designed to equip musicians with essential knowledge and skills pertaining to the psychological factors that affect optimal music practice and performance. Topics include mindset, motivation and commitment, goal setting and assessment, focus and concentration, anxiety and confidence, and visualization and guided imagery.	F - Fall S - Spring
PERF	0442	Business for Performing Artists	C1	2.00		Focuses on the business side of the performing arts. Students will learn how to prepare a resume, headshot, and portfolio of their work. Students will gain an understanding of industry specific unions and working expectations.	F - Fall S - Spring
PERF	0460	Principles of Arts Management and Administration	C1	2.00		Introduce students to the practical skills required for the successful management of not-for-profit visual and performing arts organizations. Topics covered include the evolution of the field, economic impact, audience development, the internal culture and structure, external influences, leadership, governance, planning, human resources, marketing/publicity, fundraising, financial management, and issues associated with nonprofit organizations. Students will be introduced to a wide range of arts organizations, working arts managers, and institutional models. In addition to understanding the organizational structures and functions of an arts organization, students will have begun to develop a philosophy of management in the arts, a theoretical model for general management, and practical tools for its practice. This course is especially useful for those in the performing or fine arts profession who may be an artist for, a liaison with, and/or manager of said organization type.	F - Fall S - Spring
PERF	0465	Marketing Performing Arts, Culture, and Entertainment	C1	2.00		Marketing the Arts, Culture and Entertainment (ACE) encompasses a focus on both for and not for profit organizations. ACE covers the diverse fields of commercial entertainment and visual arts, not for profit performing and visual arts as well as service and trade-related organizations in the cultural arts realm.	F - Fall S - Spring
PHIL	0140	Critical Thinking	C1	3.00		Introduction to logic, with special emphasis on common errors and fallacies in reasoning.	S - Spring
PHIL	0201	Introduction to Philosophy	C1	3.00		Comparative survey of major types of philosophy and of representative problems in philosophy. Satisfies 3 hours of General Education Curriculum requirements in Area F2, Humanities and Fine Arts. MOTR: PHIL 100	F - Fall SH - Spring-Honors UE - Summer-Even
PHIL	0212	Ethics	C1	3.00		Exploration of the problems of value and personal moral standards, comparative survey of major ethical systems and evaluation of the chief ethical struggles in contemporary society. MOTR# PHIL 102.	FE - Fall-Even
PHIL	0298	Topics in Philosophy	C1	3.00		Studies in a variety of philosophical subjects. Topic open.	D - Demand
PHIL	0301	Ancient Philosophy	C1	3.00		Historical study of ancient philosophy, with special emphasis on the writings of Plato and Aristotle. Prerequisites: 3 hours of philosophy or permission of instructor.	FO - Fall-Odd
PHIL	0302	Modern Philosophy	C1	3.00		A survey of the major schools of western philosophy from 1550 to 1850. Prerequisites: 3 hours of philosophy or permission of instructor and ENG 102 or 111.	SE - Spring-Even

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PHIL	0312	Biomedical Ethics	C1	3.00		A comprehensive investigation of ethical problems relating to health care and the practice of medicine, including study of such issues as euthanasia and the right to die, abortion, confidentiality, patient rights and professional responsibilities, allocation of medical resources, and medical experimentation. Prerequisite: ENG 101 and ENG 102 or ENG 111. Cross-listed as HS 312.	S - Spring SU - Summer
PHIL	0313	Medical Ethics	C1	2.00		An exploration focusing on recent important ethical problems relating to health care and the practice of medicine.	D - Demand
PHIL	0320	Comparative Religion	C1	3.00		A philosophical and historical survey, emphasizing the world's major living religions. Prerequisite ENG 102 or ENG 111. Satisfies 3 hours of General Education requirements in Area I, Institutional Requirements. MOTR: RELG 100	F - Fall
PHIL	0420	Philosophy of Science	C1	3.00		Investigation of the nature and scope of scientific inquiry. Topics include the logic of scientific reasoning, the nature of scientific theories, the conceptual presuppositions of science, and the relation between the natural and social sciences. Prerequisite: ENG 101 and 102 or ENG 111.	D - Demand
PHIL	0498	Advanced Topics in Philosophy	C1	3.00		Comprehensive analysis of selected topics in philosophy. For upper division students.	D - Demand
PHIL	0499	Independent Study	C1	1.00	3.00	Individually directed study in selected areas for advanced students. Prerequisite: GPA of 3.0 in philosophy. Enrollment must be approved by adviser, department head, and school dean.	D - Demand
PHYS	0102	Physical Science Laboratory	C1	1.00		Experiments related to topics studied in Physics 120 will be conducted. One three-hour laboratory per week. Prerequisite: PHYS 120.	F - Fall S - Spring SU - Summer
PHYS	0120	Fundamentals of Physical Science	C1	3.00		Basic concepts in the fields of physics, chemistry, geology, and astronomy will be presented as time permits. Central to the course will be a working ability in applying some of the basic laws of nature to specific problems. Lecture and demonstration periods. Prerequisite: MATH 020 or higher with a grade of 'C' or better or higher-level MATH or Math ACT score of 19 or higher. MOTR: PHYS 110.	F - Fall S - Spring SU - Summer
PHYS	0121	Fundamentals of Physical Science with Lab	C1	4.00		Basic concepts in the fields of physics, chemistry, geology, and astronomy will be presented as time permits. Central to the course will be a working ability in applying some of the basic laws of nature to specific problems. Lecture, demonstration and laboratory periods. Prerequisite: MATH 020 or higher with a grade of 'C' or better or Math ACT of 19 or higher. MOTR: PHYS 110L	F - Fall S - Spring SU - Summer
PHYS	0150	Environmental Physics	C1	3.00		Emphasis on physics-based problems and laws related to the environment. Topics include: forces in nature, energy, laws of thermodynamics, heat transfer and radiation, gas laws, properties of fluids and fluid flow, mechanical properties of solids, sound, electromagnetic waves and spectra, basic electricity, and radioactivity. Designed for students in environmental health and students in biology needing only one course in physics. Students may not receive credit for both PHYS 150 and PHYS 160. Three hours lecture per week. Prerequisite: MATH 130 with a grade of 'C' or higher, higher-level MATH or Math ACT of 27 or higher.	FE - Fall-Even
PHYS	0160	Elementary College Physics I	C1	4.00		Mechanics, rotational dynamics, properties of matter, heat, wave motion, and sound. This course satisfies the requirements for biology (BI01-BI10), biochemistry (BC01-BC07) and medical laboratory science (ML00), and education (ES00, ES04, ES09) programs. Three hours lecture and one 3 hour lab per week. Prerequisite: MATH 135 or MATH 140 or MATH 150 with a grade of 'C' or higher or Math ACT of 27 or higher. MOTR: PHYS 150L.	F - Fall S - Spring SU - Summer
PHYS	0162	Elementary College Physics II	C1	4.00		Electricity, circuits, magnetism, optics, relativity, radioactivity, and nuclear reactions. Three hours lecture and one two-hour lab per week. Prerequisite: PHYS 160 with a grade of 'C' or higher..	F - Fall S - Spring
PHYS	0270	General Physics I	C1	4.00		Introductory study of physics covering vectors, geometric and trigonometric applications in physics, kinematics of particles in one and two dimensions, and Newton's laws of motion, energy, momentum, kinematics and dynamics of rigid bodies, equilibrium, fluids, heat, and thermodynamics. This course satisfies the major requirements for Physics, Math and Chemistry majors. Three one-hour lectures and one three-hour lab per week. Prerequisite: MATH 150 with a grade of 'C' or better. MOTR: PHYS 200L.	F - Fall S - Spring
PHYS	0290	General Physics II	C1	4.00		Introductory study of wave motion, electricity, magnetism, and geometrical and physical optics. Four hours lecture per week. Prerequisite: PHYS 270 with a grade of 'C' or higher and MATH 250 with a grade of 'C' or higher.	F - Fall S - Spring
PHYS	0291	General Physics II Lab	C1	1.00		Laboratory in wave motion, electricity, magnetism, and geometrical and physical optics. One three-hour laboratory per week. Prerequisite or co-requisite: PHYS 290.	F - Fall S - Spring
PHYS	0297	Introduction to Research in Physics	C1	1.00	3.00	Introduction to research techniques, laboratory work, and literature search under the supervision of an instructor on a Physics research project. Involves laboratory experimentation as well as a written report on a project from any area of Physics. Open to students with: 1) freshman or sophomore standing, 2) the ability to undertake independent work, and 3) permission of the instructor. Registration must be approved by the adviser and the department head.	F - Fall S - Spring
PHYS	0298	Topics in Physical Science	C1	1.00	3.00	Special topics in physical science not normally offered in other courses. Prerequisite to be determined by department.	D - Demand
PHYS	0301	Modern Physics	C1	4.00		Special theory of relativity, wave-particle experiments, introductory quantum mechanics, and nuclear physics. Prerequisite: PHYS 290 with a grade of 'C' or higher. Co-requisite: MATH 260.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PHYS	0310	Introduction to Geophysics	C1	4.00		Geophysics is the application of physical principles (Physics and Mathematics) to the study of the Earth's structure, phenomenon and process. Applications of geophysical methods include the determination of subsurface stratigraphy and soil properties, characterization of groundwater flow and storage, the identification and tracing of hazardous substances and contaminants in the subsurface, the detection of buried objects and unexploded ordinance, the characterization of soil and bedrock properties for stability, and the exploration of the subsurface for valuable mineral and energy resources. Subjects covered will include: data processing, seismology, seismic reflection, Ground Penetrating Radar, seismic refraction, gravity, and electrical methods. Laboratories will reinforce topics covered in lectures and many will utilize computers. Some laboratories will involve traveling to local field sites and using field geophysical equipment to gather and process and interpret our own data. Three lectures and one 3-hour laboratory per week. Prerequisites: GEOL 120 or 210, MATH 140 or higher level math, PHYS 270, or permission of instructor. Note: PHYS 270 may be taken concurrently with this course.	SO - Spring-Odd
PHYS	0322	Classical Mechanics	C1	3.00		Kinematics and dynamics of particles and systems of particles including the harmonic oscillator, potential functions, conservative fields of force, accelerated reference frames, energy, gravitation and rigid bodies. Three hours lecture per week. Prerequisite: PHYS 270 with a grade of 'C' or higher and MATH 260 with a grade of 'C' or higher.	FO - Fall-Odd
PHYS	0341	Thermal Physics	C1	4.00		Temperature, laws of thermodynamics, entropy, enthalpy, reversibility and irreversibility, thermal properties of materials, change of phase, use of thermodynamic tables and introduction to heat transfer. Three hours lecture per week plus 1 three-hour laboratory period. Prerequisite: PHYS 290, PHYS 291 and MATH 260 with a 'C' or better.	SO - Spring-Odd
PHYS	0350	Optics	C1	3.00		Electromagnetic Waves, Geometric optics, Wave properties of light, including: interference, diffraction, and coherence. Interaction of light with matter, Propagation of light through matter. Selected topics in modern optics, e.g. lasers, optical fibers, optical computers. Class will be integrated laboratory and lecture format. Four Hours Integrated Lecture and Lab per week. Prerequisite: PHYS 290 with a grade of 'C' or better. Prerequisite or Co-requisite: MATH 260.	FE - Fall-Even
PHYS	0360	Mathematical Methods Physics	C1	3.00		This course introduces the mathematical techniques used in upper level physics classes. Topics covered will include: Vector calculus, matrices, Fourier analysis, the calculus of variations, complex variables, ordinary differential equations, partial differential equations, and their application to Physics problems. Three hours of lecture per week. Prerequisite: PHYS 270 with a grade of C or better and MATH 260 or permission of instructor.	S - Spring
PHYS	0372	Electronics for Experimental Physicists	C1	4.00		Ohm's law, Kirchhoff's laws, Nodal analysis, mesh analysis, Thevenin's and Norton's theorems, superposition, inductors, and capacitors, source-free RL and RC circuits, RLC circuits.. Complex variables and their application to steady-state AC circuits. Three 1-hr lectures and one 3-hr lab per week. Prerequisite: PHYS 290 with a grade of 'C' or higher and MATH 260 with a grade of 'C' or higher.	SE - Spring-Even
PHYS	0381	Intermediate Physics Laboratory	C1	3.00		Experiments in classical and modern physics, including wave phenomena, heat transfer, electrical measurements, optics, photoelectric effect, and radioactivity. Two three-hour labs per week. Prerequisite: PHYS 301 with a grade of 'C' or higher.	F - Fall
PHYS	0401	Electricity and Magnetism	C1	4.00		Electrostatic forces, electric fields, electric potential, properties of conductors and dielectrics, magnetic fields, magnetic properties, induced electromotive force, Maxwell's equations and electromagnetic waves. Four lectures per week. Prerequisites: MATH 260 with a grade of 'C' or higher and PHYS 290 with a grade of 'C' or higher..	SO - Spring-Odd
PHYS	0431	Physics Lab Practicum	C1	1.00	2.00	Supervised practical experience in assisting undergraduate students in laboratory techniques in Physical Science, College Physics I & II, General Physics I and II, Electronics, or Intermediate Physics Laboratory. This class may be taken more than once, but a maximum of 3 hrs of credit can be applied toward a degree in Physics (PH00) or Physics Engineering (PH01). Prerequisite: Advanced standing, successful completion of the course the student wishes to be an assistant in, and permission of instructor of class being assisted.	F - Fall S - Spring SU - Summer
PHYS	0440	Test and Evaluation of Electrochemical Device	C1	3.00		Testing and evaluation of electrochemical cells and batteries. Included with an introduction to battery technology is material emphasizing test safety and operational hazards. Prerequisite: CHEM 142.	D - Demand
PHYS	0452	Quantum Mechanics	C1	3.00		Time independent Schrodinger equation, eigenfunctions, expectation values, differential operators, perturbation theory, multi-electron atoms, and applications to solid state physics. Three hours lecture per week. Prerequisite: PHYS 301 with a grade of 'C' or higher AND MATH 322 with a grade of 'C' or higher OR PHYS 360 with a grade of 'C' or higher.	SE - Spring-Even
PHYS	0480	Selected Topics in Physics and Engineering	C1	3.00		Selected topics for further study, e.g., solid state physics, optics, nuclear physics, advanced mechanics, quantum mechanics, circuit analysis, thermodynamics, fluid mechanics heat transfer, and mechanics of materials or other topics. Open to students having a minimum of 18 hours of Physics and permission of instructor. Prerequisites to be determined by department.	D - Demand
PHYS	0490	Seminar	C1	1.00	3.00	Students will select two subjects from areas of physics and engineering in which they have an interest. The student will research the area and communicate the results with the physics faculty and the class. One area will require a written paper with a short (15 minute) presentation and the other will require a written paper and a one-hour presentation. Both presentations will have question and answer sessions. Secondary education majors will be required to present several lecture-demonstration programs illustrating the basic concepts of physics at the secondary level. Open to students having a minimum of 18 hours of physics and permission of the instructor.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PHYS	0491	Internship in Physics	C1	1.00	3.00	In conference with departmental representatives at least six weeks in advance, the student shall elect to work and observe in any area of applied physics in which on-the-job experience would be beneficial to the student's training. Prerequisites: Junior standing in Physics with a minimum of 17 hours of Physics or by permission.	F - Fall S - Spring SU - Summer
PHYS	0497	Research in Physics	C1	1.00	3.00	Independent research technique, laboratory work, and literature search under the supervision of an instructor on a physics research project. Involves laboratory experimentation or theoretical calculation, written report, and an oral presentation from any area of Physics. Open to students having: 1) minimum of 15 hours of Physics, 2) junior or senior standing, 3) the ability to undertake independent work, and 4) permission of the instructor. Registration must be approved by the adviser and the department head.	F - Fall S - Spring SU - Summer
PHYS	0498	Advanced Topics in Physics	C1	1.00	3.00	Designed to give advanced instruction in some area not covered in other courses. For upper division majors. Prerequisites to be determined by the department.	D - Demand
PHYS	0499	Independent Study	C1	1.00	4.00	Course structured by the adviser with approval of the department head. Prerequisite: Advanced standing with a GPA of 3.0 in the major field. Registration must be approved by the adviser, department head, and school dean.	D - Demand
PSC	0100	Missouri Constitution Exam	C1	0.00		All student are required to take PSC 120 to fulfill the General Education requirements. Those who transfer the course from outside Missouri must take the Missouri Constitution Exam. A pass/fail grade may appear on the transcript of students who complete the exam.	
PSC	0115	CAPS Political Sciences Industry Partner Experience	C1	1.00		Introduces Missouri Southern CAPS students to human service careers and the role of a human service professional. The Political Science (PSC) Industry Partner Experience is a course which will help the student discern their interest in the political science profession and guide them towards the right specialty. The first few weeks establishes a base of understanding specific industry standards and procedures and basic terminology related to the field. Professional skills will be introduced throughout the semester. The remainder of the semester is spent observing and working alongside professionals in a political science work setting. Prerequisite: Admission to the Missouri Southern CAPS program.	
PSC	0120	American Government	C1	3.00		Designed to give students an understanding of their governments, enabling them to keep up with political developments with the goal of becoming informed citizens needed to sustain democracy. This is a core curriculum requirement for all bachelor's degrees and prerequisite for all political science courses. Successful completion of this course fulfills the Missouri state requirements in constitutional study. MOTR: POSC 101	F - Fall S - Spring
PSC	0122	Introduction to International Relations	C1	3.00		Introductory survey of contemporary international relations between nation-states and non-state actors including international organizations, corporations, terrorists, and other non-governmental actors with analysis of factors that influence cooperation and conflict, including politics, power, economics, trade, resources, military/arms, human rights, and environmental issues.	F - Fall S - Spring
PSC	0130	Introduction to Comparative Politics	C1	3.00		Introduces students to similarities and differences in political culture, ideologies, structures, economic institutions, and governmental processes of developed and developing countries. The course will address the institutional workings within countries and how various forces interact with political institutions and processes to shape policies.	F - Fall S - Spring
PSC	0201	Introduction to Political Science	C1	3.00		Introduction to the discipline of political science. The course is a preview of the major subunits of the discipline: American politics including public administration and legal studies; international relations; political theory; and comparative politics. Recommended for all Political Science majors.	D - Demand
PSC	0204	Introduction to Studies of Race and Ethnicity	C1	3.00		A study of the various minority groups in the United States and their significance in race relations. The causes of prejudice and the results of conflict among various religious, social, cultural, and ethnic groups are studied. The history and present status of United States immigration policy are examined. MOTR #: SOCI 202	F - Fall S - Spring
PSC	0257	Introduction to Urban Studies	C1	3.00		Introductory survey of the interdisciplinary field of urban social science which examines the scientific study of urbanization, culture, and society both in the United States and globally. MOTR #: URBN 202	F - Fall S - Spring
PSC	0290	Professional Development Workshop	C1	1.00		Designed to provide students with robust professional development, explore career options, and prepare for internship and employment in related fields. Prerequisite: Completed a minimum of 24 credit hours.	
PSC	0298	Topics in Political Science	C1	1.00	3.00	Special political science topics of current interest to the student or faculty member who offers the class. Subjects and instructors change each semester. Students are encouraged to suggest possible course topics to the political science faculty. Prerequisite: PSC 120.	D - Demand
PSC	0301	Political Parties & Elections	C1	3.00		Analysis of the origins, structure and functions of political parties; the dynamics of the two-party system; the role of third parties and the election process.	D - Demand
PSC	0302	Political Communication & Public Opinion	C1	3.00		Explores the evolving role of the media in American politics and introduces students to the origins, impact, and measurement of public opinion. Prerequisite PSC 120 or permission of instructor.	D - Demand
PSC	0303	Mock Trial Workshop	C1	1.00		Advanced practicum in the area of trial advocacy, rules of evidence, courtroom presentation, and issue spotting. Students will work on the development of team events and presentation of both Plaintiff and Defense positions on detailed cases as provided by the American Mock Trial Association. Students will be expected to travel to intercollegiate Mock Trial competitions as part of this course. May be repeated for a maximum of ten hours of credit. Prerequisite: Consent of instructor.	F - Fall S - Spring
PSC	0309	Law and Society	C1	3.00		Examines the sociological and political understanding of legal phenomena. Focus on the role of law in culture, social, and political conflicts in American society. Specific topics covered may vary to focus on current and salient legal issues. Prerequisite: Either PSC 120 American Government, PSC 203 Introduction to Law, or the permission of the instructor.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PSC	0312	American Political Institutions	C1	3.00		Explores the powers, membership, and evolution of key federal institutions, including Congress, the Presidency, and the federal courts. Prerequisite PSC 120 or permission of instructor.	D - Demand
PSC	0320	State and Local Government	C1	3.00		General structure, theories, operation and problems of state government with special emphasis on the government of Missouri in the political system. Students will compare and contrast the function of Missouri government at all levels (municipal, county and state) with other states. Prerequisite PSC 120 or consent of instructor.	D - Demand
PSC	0326	Topics in Political Affairs	C1	3.00		Topics will vary by the specialization of instructor. This course will emphasize topics not included in existing courses. Repeatable for up to 6 credit hours as different topics. Prerequisite: PSC 120.	D - Demand
PSC	0327	Topics in Legal Affairs	C1	3.00		Topics will vary by the specialization of instructor. This course will emphasize topics not included in existing courses. Repeatable for up to 6 credit hours as different topics. Prerequisite: PSC 120.	D - Demand
PSC	0331	Topics in International Affairs	C1	3.00		Topics will vary by the specialization of instructor. This course will emphasize topics not included in existing courses. Repeatable for up to 6 credit hours as different topics. Prerequisite: PSC 120: American Government.	D - Demand
PSC	0340	Social Science Research Methods	C1	3.00		An introduction and exploration into the ways in which social scientists conduct research including various designs, including interviewing, observation, survey design, and content analysis. Emphasis will be placed on quantitative analysis and the decisions faced by social scientists when designing and applying social research. The course will cover methods of problem and hypothesis formulation, data collection and instrumentation. There will also be an emphasis placed on ethical issues in research. Prerequisite: MATH 125 or higher.	F - Fall S - Spring
PSC	0342	Public Policy	C1	3.00		An introductory survey of the formulation, execution, and evaluation of public policy in the United States.	D - Demand
PSC	0350	Social Science Statistics	C1	3.00		Provides basic tools necessary to describe, analyze, and present quantitative social science data. This course will focus on basic descriptive statistics, measures of variability and dispersion, fundamentals of probability and hypothesis testing, as well as tools necessary for conducting basic univariate and bivariate analyses. Prerequisite: Grade of "C" or better in Math 125 or grade of "C" or better in higher math, and grade of "C" or better in PSC 340 or grade of "C" or better in SOC 340, or consent of instructor.	F - Fall S - Spring
PSC	0361	Politics of Sex	C1	3.00		This course will cover the intersection of sex, power and politics, how gender identities influence political behavior, the role of gender norms and stereotypes, the role women play in contemporary politics and we will consider the historical contribution of women in American political development. We will also examine government regulation of sexual behavior and the evolution of LGBTQ politics. Prerequisite: PSC 120: American Government.	D - Demand
PSC	0362	Religion and Politics	C1	3.00		This course examines the role religion plays in contemporary and historical politics, domestically and internationally. This course considers the treatment of religion in the American Constitution and contemporary politics, and contrasts the role of religion in the United States with other systems of government around the world. We will consider the importance of religion in American politics, including the influence of faith in political rhetoric, in federal and state policy, and on public opinion. We will discuss how the "wall of separation" works in practice, and how we attempt to balance religious freedoms of some, with civil liberties of others. Prerequisite: PSC 120: American Government.	D - Demand
PSC	0363	Environmental Policy and Politics	C1	3.00		This course will cover domestic and international implications of environmental policy, as well as individual actions that impact the environment. We will consider what effective policy is, and how it can be applied to environmental concerns. Students will become fluent in the political, scientific, economic, and bureaucratic factors that influence environmental policy in the local area, the United States, and internationally. Prerequisite: PSC 120: American Government.	D - Demand
PSC	0365	Model European Union	C1	1.00		The European Union (EU) member states have pooled their sovereignty in a way that is historically unique. This class aims to provide a clear, systematic, and comprehensive introduction to the government and politics of the (EU). There have been several major developments to the European Union (formerly the European Coal and Steel Community) since the Robert Schuman Plan was unveiled in 1950. Among some of the developments that will be explored are the addition of new members, the expansion of the Eurozone, EU political economy, policy advancements in market integration, justice and home affairs, and foreign and defense policies. Prerequisite: PSC 120 American Government.	S - Spring
PSC	0402	Advocacy & Legal Reasoning	C1	3.00		Introduction to the methods and applications used in understanding and advocating issues in law. The goal of the course is to allow students to learn how to read, write and speak as an effective advocate using the applications of basic legal reasoning. Class will meet for 3 hours each week for lecture and interactive classroom assignments/applications. Prerequisites: PSC 120, 201 and 208.	D - Demand
PSC	0411	Great Political Thinkers	C1	3.00		The course will introduce selected political philosophies from the ancient Greeks to modern times. Philosophies studied will represent the development of Western political philosophy over time, as well as its comparison with selected Islamic and Asian political ideas.	D - Demand
PSC	0412	Contemporary Political Thought	C1	3.00		Twentieth century political ideas.	D - Demand
PSC	0421	Public Administration	C1	3.00		Administrative aspects of government. Surveys the major subfields of public administration, including politics and administration, organizational theory, organizational behavior, management, decision making, personnel, public budgeting and finance, policy analysis and program evaluation, and administrative law.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PSC	0423	Globalization and Development	C1	3.00		The course presents students with the processes of globalization and the interaction between developed and developing nations. The course will explore the changes in the international economy and their effects on domestic politics, economy, and society. Course material will cover the historical foundations of globalization and its modern effects on the nation-state. Prerequisite: PSC 120 or consent of Instructor.	S - Spring
PSC	0431	Constitutional Law I: Powers and Structures of Government	C1	3.00		Examines the powers, structures, and limitations of United States Government through examination of United States Supreme Court decisions. Topics include legislative, executive, and judicial power; separations of power; federalism; commerce power; and taxing and spending authority. Prerequisite: Either PSC 120 American Government, PSC 203 Introduction to Law, or the permission of the instructor.	D - Demand
PSC	0432	Constitutional Law II: Civil Rights and Civil Liberties	C1	3.00		Examines the civil rights and civil liberties of individuals through examination of United States Supreme Court decisions. Topics include religious liberty; freedom of speech and expression; the rights to property, privacy, and the vote; the guarantee of equal protection of the law; and protections against discrimination. Prerequisite: Either PSC 120 American Government, PSC 203 Introduction to Law, or the permission of the instructor.	D - Demand
PSC	0434	American Foreign Policy	C1	3.00		The course explores the theoretical and methodological approaches used to analyze American foreign policy. The material focuses on the various governmental institutions and societal forces which shape American foreign policy including, executive-legislative relations, the military, economics, public opinion, interest groups, and the bureaucracy. The major emphasis is on American foreign policy since World War Two. Theoretical material is applied to U.S. relations with important world regions including, Europe, Latin America, Africa, Asia, and the Middle East. Prerequisite PSC 120 or consent of instructor.	S - Spring
PSC	0435	Philosophy of Law	C1	3.00		Philosophy of Law will relate traditional themes of legal philosophy to the concerns of modern society. Through readings and discussions students will be exposed to controversial questions and imaginative use of cases and stories. Emphasis will be on understanding the evolution of theory within varied topics of law. Prerequisite PSC 120 or consent of instructor.	F - Fall
PSC	0490	Professional Seminar	C1	1.00		For senior International and Political Affairs majors. As summative component of the degree, this course requires students to reflect on and revise previous writing, write a substantial senior paper in International and Political Affairs with the guidance of an advisor, and meet weekly with other International and Political Affairs majors to discuss important issues in professional development in International and Political Affairs. In addition, students will be provided with opportunities to work with faculty in order to define and achieve career goals in International and Political Affairs. Prerequisites: PSC/SOC 340 and senior standing major in International and Political Affairs.	F - Fall S - Spring
PSC	0491	Internship Political Science	C1	1.00	8.00	Observation of and participation in governmental work under the direct supervision of a faculty member and a professional who is employed in the governmental position being observed. No more than 3 hours may be counted toward a major or minor. Repeatable for up to 16 credit hours.	D - Demand
PSC	0493	Legislative Internship	C1	9.00		Students will be assigned to a legislator or other qualified person involved in the Missouri Legislative Process to observe and participate in a legislative session. The students will be required to live and work in the capital from the beginning of the session until its conclusion and comply with the MSSU Legislative Intern Handbook. Prerequisites: PSC 120, 60 hours of credit, 2.5 GPA and consent of instructor.	D - Demand
PSC	0498	Advanced Topics in Political Science	C1	0.00	3.00	For upper division political science majors. Topics covered and methods used will place emphasis on student-instructor interest, desire to pursue in-depth research, and ability to assimilate topics. It will include areas not already treated in other political science courses. Prerequisite: 15 hours of Political Science or consent of instructor.	D - Demand
PSC	0499	Independent Study	C1	1.00	4.00	For students who wish to do an in-depth study of some specialized topic or who wish to pursue a topic not considered in the department's course offerings. The student will select an adviser from the Political Science faculty who will structure the independent study in consultation with the student and with the approval of the department head. Prerequisite: Junior or Senior status and an overall cumulative GPA of 3.0 or better. Enrollment must be approved by department head and school dean. Repeatable or up to six credit hours.	D - Demand
PSY	0100	General Psychology	C3	3.00		Introductory course on the scientific study of behavior and mental processes. Covers research and theories in areas of psychology such as abnormal, social, learning and memory, neuroscience, and development. Fulfills a General Education requirement for Area 1A. MOTR: PSYC 100	F - Fall S - Spring
PSY	0115	CAPS Psychology Industry Partner Experience	C3	1.00		Introduces Missouri Southern CAPS students to human service careers and the role of a human service professional. The Psychology (PSY) Industry Partner Experience is a course which will help the student discern their interest in the psychology profession and guide them towards the right specialty. The first few weeks establishes a base of understanding specific industry standards and procedures and basic terminology related to the field. Professional skills will be introduced throughout the semester. The remainder of the semester is spent observing and working alongside professionals in a psychology work setting. Prerequisite: Admission to the Missouri Southern CAPS program.	
PSY	0200	Child Development	C3	3.00		The course will cover child development from conception to late childhood, including physical, cognitive, emotional, and social development. Theories and methods of child development will be discussed. Cultural and contextual aspects, including family and peer relationships will be included. Prerequisite: PSY 100 with minimum grade of 'C'. No credit will be given if PSY 205 has been completed	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PSY	0201	Adolescent Development	C3	3.00		The course will cover development from puberty to early adulthood, including physical, cognitive, social-emotional development and problems in development. Theories and research methodology will be included, as will adolescent development in the contexts of family, peers, and culture. Prerequisite: PSY 100 with minimum grade of 'C'.	S - Spring
PSY	0205	Child and Adolescent Development	C3	3.00		Various aspects of human development from conception, infancy, childhood to adolescence will be examined, including physical, emotional, social and cognitive development. Emphasis will be given to theoretical framework and its practical implication. Cross-cultural variety will be included wherever appropriate. Prerequisite: PSY 100 with a minimum grade of "C". No credit will be given toward graduation if PSY 200 has been completed.	D - Demand
PSY	0221	Personal Adjustment	C3	3.00		The course addresses selected principles of adjustment, ways of coping, and research of practical value. Topics include the nature and management of stress, interpersonal communication, relationship dynamics, self concept, and the connection between physical and mental health.	F - Fall S - Spring
PSY	0242	Introduction to Neuroscience	C3	3.00		Neuroscience is a field of study at the intersection of Biology and Psychology in which we study the physical substrates underlying the behavior of many organisms. It is an immense field of study centered on the structure, function, and systems of neurons. Neuroscience is a study of how neurons interact with an environment, and with each other, to produce an organism's adaptive behaviors. Students in this course will be introduced to the foundational principles of neuroscience from the perspective of Psychology. Multiple topics related to neurons and nervous systems will be examined in the contexts of behavior and mental processes. This course could serve as a foundation for further study in Neuroscience, but it could also enrich an understanding of a theoretical and methodological perspective in Psychology. Prerequisites: PSY 100 with minimum grade of 'C' and BIO 101, BIO 108/BIO 109, BIO 121, or BIO 180 with minimum grade of 'C'.	
PSY	0252	Introduction to Applied Behavior Analysis	C3	3.00		An introduction to autism spectrum disorder (ASD) and applied behavior analysis (ABA) that provides the content requirements for the Registered Behavior Technician (RBT) credential. This course will cover foundational knowledge and application tasks from the Behavior Analyst Certification Board Task List (5th Edition; BACB, 2017). This course may be taken independently or in conjunction with an additional practicum. The practicum component is required for RBT certification. Prerequisites: PSY 100 and ENG 101 with a minimum grade of 'C' or higher.	D - Demand
PSY	0253	Practicum in Applied Behavior Analysis	C3	1.00		A practicum in applied behavior analysis (ABA) required for Registered Behavior Technician (RBT) certification. Students must also be enrolled in PSY 252, Introduction to Applied Behavior Analysis OR have already completed PSY 252 to take this course. The practicum will involve applying content covered in PSY 252 in a clinical setting under supervision. Prerequisite or co-requisite: PSY 252.	D - Demand
PSY	0282	Fundamentals of Operant Conditioning	C3	3.00		Techniques of modifying behavior through principles developed by learning psychology. Emphasis on design and implementation of behavioral strategy in the laboratory, as well as practical settings. Prerequisite: PSY 100 with a minimum grade of 'C'.	F - Fall
PSY	0298	Topics in Psychology	C3	1.00	3.00	Designed to give instruction in some area of Psychology not covered in other courses. Prerequisites to be determined by department.	D - Demand
PSY	0310	Educational Psychology	C3	3.00		A practical application of psychological principles to teaching. Students will learn how research is conducted in the field and how to apply those findings to topics such as child/adolescent development, intelligence, learning, memory, and motivation, in their future classrooms. Geared primarily toward education majors, but other majors with an interest in education are welcome. Prerequisite: PSY 100 with a minimum grade of 'C'.	F - Fall S - Spring
PSY	0320	Applied Statistics for the Behavioral and Natural Sciences	C3	3.00		The course includes descriptive and inferential statistical techniques. The analysis and interpretation of data is emphasized. Prerequisites: PSY 100 (or permission) and MATH 120 or higher with a minimum grade of 'C'.	F - Fall S - Spring
PSY	0325	Research Methods in Psychology	C3	3.00		Focus on techniques to gather scientific information in the field of psychology with an emphasis on research design, data collection, statistical analysis, and reporting of statistical results. Prerequisite: A minimum grade of 'C' in the following courses: ENG 101, ENG 102 (or ENG 111) and PSY 320.	F - Fall S - Spring
PSY	0330	Experimental Psychology	C3	5.00		The research process is the foundation for building and refining the knowledge base in the field of psychology. This research methods course develops and applies basic research skills including: consuming and applying existing research, conceiving of, developing, and conducting new research in a sound and ethical manner, analyzing statistical data, interpreting statistical results, and communicating research findings in a professionally acceptable manner. Prerequisites: A minimum grade of 'C' or better in ENG 101 and ENG 102 and PSY 320. Prerequisite or co-requisite: PSY 325.	F - Fall S - Spring
PSY	0341	Social Psychology	C3	3.00		Introduction to the scientific study of social thinking (how we view ourselves and others), social influence (including conformity, persuasion, and group influence), and social relations (including prejudice, aggression, attraction, and altruism). Prerequisite: PSY 100 with a minimum grade of 'C'.	F - Fall
PSY	0343	Human Sexuality	C3	3.00		Surveys current research and theory related to human sexuality. Human sexual behavior and attitudes will be viewed from biological, psychological, historical, and cultural perspectives. Prerequisite: Junior Standing.	S - Spring
PSY	0352	Philosophical Foundations of Applied Behavior Analysis	C3	3.00		Covers the philosophical foundations, concepts, and principles of applied behavior analysis (ABA). This course will cover foundational knowledge tasks from the Behavior Analyst Certification Board Task List (5th Edition; BACB, 2017). Prerequisite: 9 credit hours in psychology.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PSY	0353	Ethics and Professionalism in Applied Behavior Analysis	C3	3.00		Covers ethical and professional issues relevant to the practice and supervision of applied behavior analysis (ABA). The course will cover topics from the Professional and Ethical Compliance Code for Behavior Analysts and application tasks from the Behavior Analyst Certification Board Task List (5th Edition; BACB, 2017). Prerequisites: PSY 252 with a minimum grade of 'C' and 9 credit hours in psychology.	D - Demand
PSY	0386	Conditioning & Learning	C3	3.00		Intended to familiarize students with the leading theories and research in the field of learning. Animal (including human) studies will be discussed. Topics include Non-Associative Learning, Classical Conditioning, Instrumental and Operant Conditioning, Stimulus Control of Responding, Punishment, Avoidance Behavior, Memory and Cognitive Processes. Prerequisite: PSY 320 with minimum grade of 'C'.	F - Fall S - Spring
PSY	0390	Junior Seminar	C3	2.00		For Junior Psychology majors. Through a combination of lectures, written assignments, guest speakers, class discussions and out-of-class activities, Junior Seminar is designed to help students clarify their career goals and determine the actions needed in order to achieve those goals. Topics relating to both career and graduate school in psychology-related fields will be addressed. Prerequisite: PSY 100 with a minimum grade of 'C' and Junior standing.	F - Fall S - Spring
PSY	0411	Sensation and Perception	C3	3.00		This course is designed to help students understand how our sensory systems provide information about the world around us. The course focuses on the stimuli, physical sensory structures, sensory pathways, and basics of perception for our various senses. We will also discuss research used to examine how our different perceptual systems work, and will touch on differences between human sensory systems and those of other animals. Prerequisite: PSY 100 with a minimum grade of 'C' and any Biology course.	SO - Spring- Odd
PSY	0415	Animal Behavior	C3	3.00		Over the course of the semester, we will explore the broad field of animal behavior, in a quest to understand both how and why animals do the things that they do. We will look at both proximate and ultimate explanations of behavior, and a major focus of this course will be on the variety of lab and field research that has led to our current understanding of behavior from a genetic to a population level of analysis. Prerequisites: PSY 100 with a minimum grade of 'C' and any Biology course.	F - Fall
PSY	0420	Psychology in Film	C3	3.00		An advanced course in psychology examining the use of psychological concepts in feature films. Readings will accompany each film and address the significant concepts illustrated. Specific topics will vary. Prerequisite: PSY 100 with minimum grade of 'C' and 6 additional hours of Psychology or permission from instructor.	D - Demand
PSY	0422	Theories of Personality	C3	3.00		Survey of both classical and contemporary theories of personality including assessment techniques, supportive research, and application. Prerequisite: PSY 100 with a minimum grade of 'C' and Junior standing.	S - Spring
PSY	0432	Abnormal Psychology	C3	3.00		Recognition and classification of the systems of mental disorders, specifying causes and possible therapeutic techniques. Theoretical and practical perspectives presented on a wide range of behaviors that have traditionally been viewed as "abnormal." The course includes historical and present-day perspectives, including biological, psychosocial, cognitive, behavioral, and socio-cultural views. Both causal factors and treatment considerations will be discussed. Prerequisite: PSY 100 with a minimum grade of 'C'.	F - Fall S - Spring
PSY	0435	Clinical and Counseling Psychology	C3	3.00		Survey of history, current methods, guild issues, and future developments of clinical practice. Seminar format with considerable student participation. Prerequisites: Junior standing and PSY 432 with minimum grades of 'C'.	F - Fall
PSY	0442	Behavioral Neuroscience	C3	3.00		Over the course of the semester, we will explore the structure and function of the nervous system from the individual neuron to the behavior of the organism. The biological basis of major psychological topics like movement, sleep, sensation, sexual behavior, and abnormal behavior will be examined from an ontogenetic and phylogenetic perspective, with a special focus on psychopharmacology. Prerequisite: PSY 100 with a minimum grade of 'C' and any Biology course.	F - Fall
PSY	0443	Cognitive Psychology	C3	3.00		A course covering the methods, theory, empirical research results, and applications of research in cognitive psychology, which is concerned with the scientific study of the mind. Topics include perception, attention, memory, knowledge representation, language, and decision making. Prerequisites: Junior standing or above and PSY 320 with a minimum grade of 'C'.	F - Fall S - Spring
PSY	0451	Changing, Strengthening, and Maintaining Behavior	C3	3.00		Covers concepts, principles, and procedures related to changing, strengthening, and maintaining behavior in applied behavior analysis (ABA). This course will cover foundational knowledge and application tasks from the Behavior Analyst Certification Board Task List (5th Edition; BACB, 2017). Prerequisite: Minimum grade of 'C' in PSY 353.	D - Demand
PSY	0453	Measurement, Assessment, and Experimental Design in Applied Behavior Analysis	C3	4.00		Covers measurement, assessment, and experimental design used in applied behavior analysis (ABA). This course will cover foundational knowledge and application tasks from the Behavior Analyst Certification Board Task List (5th Edition; BACB, 2017). Prerequisite: PSY 252 and MATH 120 or higher with a minimum grade of 'C'.	D - Demand
PSY	0475	Adult Development and Aging	C3	3.00		This course will cover adulthood and aging from a lifespan perspective. Topics include theories and research on physical and mental health, memory and cognition, social relationships, and the end of life. The course will include normative changes as well as individual differences, and emphasize positive aging. Prerequisites: PSY 100 and 6 additional hours in Psychology.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
PSY	0481	Senior Thesis	C3	3.00		Capstone course for Psychology majors. Students design and conduct individual research projects on psychological topics. Projects include a review of the relevant scholarly literature, collection of data, analysis of data, and interpretation of results. Students communicate their research in both an APA-format research report and an oral presentation. Prerequisites: Senior standing and a minimum grade of 'C' in both PSY 325 and PSY 330, and GPA of 2.50 or above in all PSY prefix courses required within the major.	F - Fall S - Spring
PSY	0491	Internship in Psychology	C3	3.00		The internship is designed to assist undergraduate psychology majors gain practical experience in applied settings. Students and on-site supervisor will develop an agreement providing specific learning experiences for the internships. The internship earns up to 3 semester hours credit toward an upper division Psychology elective. Prerequisites are completion of a minimum of 18 hours in psychology, completion of PSY 390, a minimum GPA of 3.0 in psychology and recommendations from two Psychology Department faculty. Enrollment requires consent of Internship Instructor.	D - Demand
PSY	0498	Advanced Topics in Psychology	C3	1.00	3.00	Designed to give advanced instruction in some area not covered in other courses. For upper division majors. Prerequisites to be determined by department.	D - Demand
PSY	0499	Independent Study	C3	1.00	3.00	Course structured by adviser with approval of department head. Prerequisite: Advanced standing in major field. Registration must be approved by advisor and department head.	D - Demand
PSY	0510	Educational and Developmental Psychology	C3	3.00		A practical application of psychological principles to teaching. Students will learn how research is conducted in the field and how to apply those findings to topics such as child/adolescent development, intelligence, learning, memory, and motivation in their future classrooms. Geared primarily toward graduate students in the Master of Science in Curriculum and Instruction program, Prerequisite: Admission to the Master of Science in Curriculum and Instruction program, admission to the Master of Arts in Teaching program, participation in the Missouri Temporary Authorization Certificate program, or departmental approval.	D - Demand
RAD	0100	Basic Concepts in Radiology	C3	3.00		This course covers basic concepts related to the practice of radiology. It will cover introductory concepts related to the role of the radiographer in healthcare, healthcare delivery systems, ARRT Code of Ethics, overview and handling of basic medical equipment, introduction to radiation and patient safety concepts and basic positioning of the chest and abdomen.	SU - Summer
RAD	0101	Introduction to Radiology	C3	3.00		Basic procedures and equipment in the radiology department. Includes organization, function, and supervision of a radiology department with a history of x-ray, patient care basics, ethical principles and legal aspects of radiologic technology and basic principles of radiation protection. Three hours lecture per week.	F - Fall
RAD	0110	Clinical Training I	C3	2.00		Clinical training with special emphasis in the areas of the thorax, pelvis, extremities, and spine radiography. Fifteen hours of clinical training per week.	F - Fall
RAD	0111	Medical Terminology	C3	3.00		The language of medicine, especially as related to radiology, through a comprehensive study of the more common medical roots, prefixes and suffixes. Relates medical roots to everyday English words. A survey of medical diseases and surgical terms is included. This particular course is recommended for pre-radiology students. Three hours lecture per week. Cross-listed as HS 111.	F - Fall S - Spring
RAD	0132	Principles of Radiographic Exposure	C3	4.00		Fundamental principles of technique and technique conversion with particular emphasis on the factors that directly and indirectly affect radiographic exposure. Emphasis on radiation protection, processing, image artifacts and digital modalities.	S - Spring
RAD	0142	Radiographic Positioning I	C3	4.00		Basic radiographic positioning including both standard and specialized positions of the chest, bony thorax and spine. Image critique and radiation protection are included as critical parts of this course. One and a half hours lecture, three hours lab per week.	F - Fall
RAD	0170	Radiologic Physics	C3	3.00		The physics of radiology. The physical principles of X-ray production, including theory in electricity, rectification, circuitry, and basic equipment maintenance. Three hours lecture per week.	F - Fall
RAD	0210	Clinical Training II	C3	2.00		Intensive clinical training with emphasis in fluoroscopy and various contrast studies. Additional experience and competencies will also be obtained in the areas of general radiography, portables, and an introduction to surgical rotations.	F - Fall
RAD	0241	Radiographic Positioning II	C3	3.00		Radiographic procedures and positioning related to the bony thorax, digestive, urinary, and reproductive systems. A basic overview is given of surgical, mobile and trauma radiography. Special emphasis on the use and preparation of contrast media, patient preparation, and procedures employed, including tomography to visualize organs of interest and pathophysiology of the above systems. Two and one half hours lecture, one hour lab per week. Prerequisites: RAD 142 or permission of instructor.	S - Spring
RAD	0270	Radiographic Pathology	C3	3.00		Covers anatomy along with radiographic pathology of various body systems. Discussion focuses on patient signs and symptoms along with radiographic signs leading to diagnosis. In addition, students will learn which radiographic imaging tests best demonstrate each pathology.	
RAD	0300	Clinical Training III	C3	2.00		Clinical training in special procedures requiring sterile fields and surgical cases. Continued practice and competency in general radiography, surgery, and contrast studies. Prerequisites: RAD 110, RAD 210.	SU - Summer
RAD	0301	Image Critique and Quality Management in Radiology	C3	2.00		Theory and practice in the art and science of evaluating the technical quality of radiographic images. Students will develop critical-thinking and problem-solving skills to correct positioning and technical errors. Prerequisites: RAD 132, RAD 170. Four hours of lecture per week.	SU - Summer
RAD	0320	Radiographic Positioning III	C3	3.00		An in-depth study of the anatomy and radiographic equipment and positioning used in skulls, facial bones, sinuses, arthrography, long bone measurements, and mammography. Part II of this course will include an introduction to CT, and an overview of sectional anatomy of the brain, spine, neck, chest, and abdomen. One and a half hours of lecture, three hours of lab per week. Prerequisites: RAD 241.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
RAD	0340	Clinical Training IV	C3	3.00		Continued training in special procedures with increased responsibility in surgical radiography. Continued clinical proficiency development in general radiography, including contrast studies, surgical, portable, facial and skull radiography. Prerequisite: RAD 300 or permission of instructor.	F - Fall
RAD	0350	Patient Care and Radiation Protection in Radiology	C3	3.00		A continuation of basic patient care and radiation protection learned to this point in the program. Course content includes signs, symptoms and appropriate technologist response to common emergencies encountered in radiology. Infection control, chest tubes, enteral tubes, and vascular access lines, as well as medication administration, venipuncture and basic ECG will also be covered. Emphasis will be placed on radiation biology and radiation protection of the patient and technologist involved in patient care procedures. Three hours lecture per week. Prerequisites: RAD 101 or permission of instructor.	F - Fall
RAD	0360	Clinical Training V	C3	3.00		Students will rotate through special procedures with increased responsibility and do an introductory rotation through CT scans. In addition, students will continue to incorporate skills and competencies in basic radiologic procedures. Prerequisite: RAD 340.	S - Spring
RAD	0370	Special Topics in Radiology	C3	3.00		Course covers angiography, myelography, digital modalities, bone densitometry and CT with an introductory segment on MRI and ultrasound. Special emphasis on equipment operation, patient care, contrast preparation, procedural steps and pathophysiology. Three hours lecture.	S - Spring
RAD	0399	Advanced Radiology	C3	3.00		A capstone course designed to prepare students for the national certification examination. Course will include advanced concepts and testing over all major aspects covered by the national certification examination as outlined by the American Registry of Radiologic Technologists. Prerequisites - RAD 101, RAD 132, RAD 170, RAD 241. Six hours lecture per week.	SU - Summer
RESP	0101	Respiratory Therapy Foundations	C3	3.00		Entry level information is presented regarding respiratory therapy history from its conception to its current goals and standing. Topics covered include medical terminology, hospital and respiratory therapy department structure and management, psychosocial aspects of patient care, and medical ethics. A clinical session allows the student an orientation rotation at the program's clinical sites. Prerequisite: Admission to the respiratory therapy program.	F - Fall
RESP	0102	Cardiopulmonary Sciences	C3	3.00		Focuses on the sciences used in the practice of respiratory therapy. Emphasis will be placed upon physics, chemistry, and microbiology and infection control as related to the cardiopulmonary sciences. Prerequisite: Admission to the respiratory therapy program and completion of a college-level math course.	F - Fall
RESP	0105	Cardiopulmonary Anatomy and Physiology	C3	3.00		An in-depth presentation of the cardiopulmonary system, its abnormalities, and corrective techniques as related to respiratory therapy. Included are the concepts of the cardiovascular system, ventilation, diffusion of pulmonary gases, hemodynamic measurements, ventilation perfusion relationships, oxygen and carbon dioxide transport, acid base balance, and arterial blood gas analysis. Prerequisite: Admission to the respiratory therapy program, college level math course and completion of BIO 121.	S - Spring
RESP	0107	Respiratory Therapy Procedures	C3	3.00		Theory and practice of basic respiratory therapy procedures as outlined in the National Board for Respiratory Care (NBRC) CRT examination content outline. Including cardiopulmonary assessment, medical gas administration, oxygen therapy, equipment maintenance, chest physiotherapy, chest expansion therapy, airway management, bedside pulmonary function testing, arterial puncture, and administering medicated aerosol therapy. Prerequisites: Admission to the respiratory therapy program and concurrent enrollment or completion of RESP 108.	F - Fall
RESP	0108	Respiratory Therapy Procedures Laboratory	C3	3.00		Students practice entry level respiratory care procedures, using state-of-the-art equipment, in the clinical laboratory under simulated patient situations. The student will address the three difficulty levels of learning, in the laboratory environment (Recall, Application, and Analysis). Prerequisites: Admission to the respiratory therapy program and concurrent enrollment or completion of RESP 107.	F - Fall
RESP	0120	Cardiopulmonary Pathology	C3	3.00		Study of concepts and theory of selected cardiopulmonary diseases to include: definition, clinical manifestations, etiology, pathologic, radiologic and laboratory findings; prevention, prognosis, and treatment. Prerequisite: Admission to the respiratory therapy program and completion of BIO 121.	S - Spring
RESP	0125	Clinical Respiratory Therapy Experience I	C3	3.00		Clinical instruction supplemented by clinical SOAP assessments that allow the student to apply the classroom and laboratory respiratory therapy competencies mastered in specific respiratory therapy courses. Prerequisites: RESP 107 & RESP 108.	S - Spring
RESP	0129	Cardiopulmonary Pharmacology	C3	3.00		Comprehensive overview of the general principles of pharmacology. Focuses on the drugs and drug groups that are either administered by respiratory therapy personnel, or those that play a role in the care of cardiopulmonary patients. Prerequisite: BIO 121 and admission to the respiratory therapy program.	F - Fall
RESP	0222	Introduction to Mechanical Ventilation (Life Support Technology)	C3	4.00		Emphasis on the technical components of mechanical ventilators, their classification, principles of operation, attachments, and the flow/pressure/volume curves generated by various ventilators, as well as compliance and resistance. An introduction to the management of patients receiving mechanical ventilation will be presented in a laboratory format. Prerequisite: Admission to the respiratory therapy program.	F - Fall
RESP	0226	Cardiopulmonary Diagnostics	C3	3.00		Theory, application, and equipment for diagnosing respiratory pathologies through the diagnostic concepts used in respiratory therapy. Include techniques utilized for measurement of lung gas volumes, capacities, flows, and cardiopulmonary status during exercise testing. Basic EKG interpretation will be presented. A secured SAE will be administered during the course. Prerequisite: Admission to the respiratory therapy program.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
RESP	0239	Clinical and Laboratory Experience II	C3	5.00		Clinical instruction supplemented by clinical SOAP assessments that allow the student to apply the knowledge and respiratory care skills mastered in the Respiratory Care courses: Cardiopulmonary Diagnostics, Introduction to Mechanical Ventilation, and Neonatal and Pediatric Respiratory care in the laboratory and clinical setting. The course will emphasize ventilator care, diagnostic procedures, and alternate site care (home care). Prerequisite: RESP 125.	F - Fall
RESP	0307	Cardiopulmonary Assessment	C3	3.00		A systematic approach to advanced cardiopulmonary patient assessment. Emphasis is on evaluation of the respiratory care plan based upon laboratory data, electrocardiogram interpretation, fluid and electrolyte balance, acid base balance, rapid sequence intubation, interpretation of chest x-rays, bronchoscopy, and hemodynamic monitoring. Prerequisite: current enrollment in the Respiratory Care program and RESP 222 with a minimum grade of 'C'.	S - Spring
RESP	0311	Neonatal and Pediatric Respiratory Care	C3	3.00		Respiratory care of the neonatal and pediatric population beginning with fetal development and continuing through assessments of infants including gestational age, APGAR scoring, and Silverman scoring. Various heart/lung deficiencies will also be discussed as well as treatment modalities. Prerequisite: Admission to the respiratory therapy program.	F - Fall
RESP	0312	Advanced Mechanical Ventilation (Advanced Life Support)	C3	3.00		A continuation of the Introduction to Mechanical Ventilation (Life Support Technology) course. In-depth study of ventilator management in critical care, long-term care, and the home environment utilizing case studies, and clinical problem-based learning sessions. In addition the course addresses ACLS (Advanced Cardiac Life Support). Prerequisite: RESP 222 and admission to respiratory therapy program.	S - Spring
RESP	0313	Alternate Site Respiratory Care	C3	3.00		Theoretical aspects of providing respiratory therapy at alternate sites. Includes components of home respiratory therapy, extended care units, long term care facilities, ventilator rehabilitation centers, physician offices, land/air transport, outpatient diagnostic clinics. Introduces the fundamentals of teaching and learning theories. Prerequisite: Admission to the respiratory therapy program.	F - Fall
RESP	0340	Advanced Level Respiratory Therapy Clinical Experience	C3	5.00		Progressive process of developing cognitive levels at the recall, application, and analysis levels as a respiratory care practitioner. Correlates directly with the Advanced Mechanical Ventilation (Advanced Life Support) course, Cardiopulmonary Assessment, Neonate/Pediatric, and the Alternate Site (Management/Pulmonary Rehabilitation/Home Care) courses, to provide the student a clinical environment to demonstrate these learned advanced-level respiratory care competencies. Prerequisite: Admission to the respiratory therapy program and concurrent enrollment or completion of theory coursework.	S - Spring
RESP	0341	Research Issues, Methods, and Problems in Respiratory Care	C3	2.00		Directed research and/or literature review discussions in selected areas of respiratory care. Course work includes independent literature search (review) under the supervision of a respiratory care instructor that utilizes the student's program acquired respiratory care critical thinking, writing, and oral presentation skills. Includes student demonstration of knowledge by completion of an NBRC Secured Self-Assessment written and clinical simulations, and writing a clinical research or literature review paper. Prerequisite: current enrollment in the Respiratory Care Program and RESP 313 with a minimum grade of 'C'.	S - Spring
RESP	0348	Capstone Simulation Learning	C3	2.00		Serves as a capstone for respiratory care students preparing to graduate. Utilizing clinical problem-based learning, students practice learned skills on simulated patients in the lab setting. Students will employ assessment and critical thinking skills to a variety of patient care scenarios including ER management, ventilator management, long-term care, asthma/COPD/ARDS management, hemodynamic monitoring, patient education, and more. Completion of two clinical simulation exams is also required in this course. Prerequisite: Current enrollment in the Respiratory Care Program and RESP 222 with a minimum grade of 'C'.	
RESP	0499	Independent Study Respiratory	C3	1.00	3.00		
SOC	0110	Introduction to Sociology	C1	3.00		An introductory course focused on the systematic study of society. Emphasis on major concepts of sociology and the scientific point of view in understanding and explaining human behavior and social phenomena. MOTR: SOCI 101	F - Fall S - Spring
SOC	0115	CAPS Sociology Industry Partner Experience	C1	1.00		Introduces Missouri Southern CAPS students to sociology careers and the role of a sociology professional. The Sociology (SOC) Industry Partner Experience is a course which will help the student discern their interest in the sociology profession and guide them towards the right specialty. The first few weeks establishes a base of understanding specific industry standards and procedures and basic terminology related to the field. Professional skills will be introduced throughout the semester. The remainder of the semester is spent observing and working alongside professionals in a sociology work setting. Prerequisite: Admission to the Missouri Southern CAPS program.	
SOC	0204	Introduction to Studies of Race and Ethnicity	C1	3.00		A study of the various minority groups in the United States and their significance in race relations. The causes of prejudice and the results of conflict among various religious, social, cultural, and ethnic groups are studied. The history and present status of United States immigration policy are examined. MOTR# SOCI 202.	F - Fall S - Spring
SOC	0210	Social Problems	C1	3.00		A survey of contemporary social problems, such as racism, sexism and poverty. Includes a focus on institutional problems in the family, at work, in educational settings or health care systems. The course encourages a critical examination of society and concentrates on the structural sources of social problems, including the economy and politics, as well as the centrality of social class, race and ethnicity, gender and age as sources of division, inequality and injustice. Further, the role of the U.S. in global social problems, such as resource depletion and pollution, overpopulation and global inequality, is also explored. MOTR# SOCI 201.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
SOC	0221	Marriage and Family	C1	3.00		A review of the social scientific literature associated with making choices about marriage, family and relationships in contemporary society. We explore gender, sexuality and love in the context of marital and non-marital lifestyles. We analyze making decisions about parenthood and raising children in a diverse society. Along the way we identify issues of interpersonal communication, power and violence, and family stress, crisis and resilience. Also included is a module on divorce and coverage of remarriages and stepfamilies.	F - Fall
SOC	0246	Ozark Culture & Folklore	C1	3.00		An overview of the traditional culture of the Ozark Mountain region, beginning with earliest settlement, ethnic and religious composition of the region, and a brief history. The customs, beliefs, handicrafts, and other folkways characteristic of the region will be presented, and contrasted to the negative stereotypes and social stigma long attached to the Ozark native within general American society. The course will explore the unique characteristics of the Ozark variety of the South Midland dialect, and the many fascinating folktales and ballads which have been passed down through the generations. Finally, it will examine the Ozarker's image in popular culture as presented in various media, including film.	D - Demand
SOC	0298	Topics in Sociology	C1	3.00		Special sociology topics of current interest. Subjects and instructors may vary each semester. Students are encouraged to submit areas of interest to the social science department.	D - Demand
SOC	0301	Religion and Society	C1	3.00		An analysis of the meaning and importance of religion as a major social institution. Considerable attention is given to religious organizations and the role of religion in the United States, including religious affiliation, religiosity and religious diversity. Some discussion of the major world religions and the role of religion in social change. Prerequisite: SOC 110.	D - Demand
SOC	0302	Cults in the U.S.	C1	3.00		This course focuses on the study of cults and New Religious Movements in the United States today. The class will examine the nature of abusive fringe groups in modern society from a theoretical perspective, looking at the various definitions and classifications of these groups in sociology. Prerequisites: SOC 110.	SU - Summer
SOC	0303	The Arab World	C1	3.00		A sociological look at the Arab world that identifies peoples, countries, geographical settings, cultural differences, cultural change, political and religious affiliations, and the emergence of contemporary issues. Special emphasis will be placed upon the Israel - Palestine - Jordan problem area.	D - Demand
SOC	0306	Social Gerontology	C1	3.00		A review of aging studies with particular emphasis on needs, problems, areas of concern, aging theories, social services for the elderly, and accumulated data from gerontological research. Such topics as life changes, retirement, and alternative life styles among the elderly will be analyzed. Prerequisite: SOC 110.	D - Demand
SOC	0311	Stratification: Class, Race, and Gender	C1	3.00		An analysis of social inequalities on people's lives in the United States via an overview of the complex array of social structures that comprise systems of inequality by social class, race/ethnicity and gender. An examination of the dimensions of stratification, including differences in power, economic status and prestige that result in varying privileges. Prerequisite: 6 hours of Sociology.	F - Fall
SOC	0312	Juvenile Delinquency	C1	3.00		Analysis of environment and social background for juvenile delinquency behaviors. Investigation of behavioral content and scope of official delinquency. Review of the influences of family, school, peer groups and gangs, and the juvenile justice and corrections system. Prerequisite: SOC 110.	S - Spring
SOC	0316	Introduction to Global Health	C1	3.00		Introduces students to the main concepts of the global health field and the critical links between global health and social and economic development. Students will get an overview of the principles and goals of global health, the burden of disease, and key measures to improve global health. Prerequisite: BIO 101 or higher BIO course with a grade of 'C' or higher OR EH 101 or higher EH course with a grade of 'C' or higher AND junior standing OR consent of instructor. Cross-listed with INTS 306 and GEOG 306.	F - Fall S - Spring
SOC	0319	Social Interaction	C1	3.00		Theoretical examination of the individual as both a social product and a social force. Areas covered include the foundations of human interaction, process of socialization, and differentiation of individuals. Focus on the formal and informal rules of interaction in our society. Prerequisite: SOC 110.	D - Demand
SOC	0322	Work and Leisure	C1	3.00		An analysis of the sociology of work, including occupations, career mobility and job satisfaction as important elements in this social institution. An examination of leisure activities that vary over time with advances in technology, changing cultural influences and economic opportunities/constraints. Prerequisite: SOC 110.	D - Demand
SOC	0340	Social Science Research Methods	C1	3.00		An introduction and exploration into the ways in which social scientists conduct research including various designs, including interviewing, observation, survey design, and content analysis. Emphasis will be placed on quantitative analysis and the decisions faced by social scientists when designing and applying social research. The course will cover methods of problem and hypothesis formulation, data collection and instrumentation. There will also be an emphasis placed on ethical issues in research. Prerequisite: MATH 125 or higher.	F - Fall S - Spring
SOC	0341	Gender Roles	C1	3.00		An introduction to the biological, cultural, and structural foundations of gender. Explores theories that help to explain gender, a fundamental and pervasive determinant of social life. Includes the review of studies that illustrate differences in the evaluations of men's and women's activities and traditional gender roles. Sociological implications of sex and gender at both the personal (micro) and societal (macro) levels of analysis will be discussed. Prerequisite: SOC 110.	D - Demand
SOC	0350	Social Science Statistics	C1	3.00		Provides basic tools necessary to describe, analyze, and present quantitative social science data. This course will focus on basic descriptive statistics, measures of variability and dispersion, fundamentals of probability and hypothesis testing, as well as tools necessary for conducting basic univariate and bivariate analyses. Prerequisite: Grade of "C" or better in Math 125 or grade of "C" or better in higher math, and grade of "C" or better in PSC 340 or grade of "C" or better in SOC 340, or consent of instructor.	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
SOC	0351	Criminology	C1	3.00		This course examines the social and legal concept of crime, the review of measurements of crime(s) and crime statistics, and the theories related to the causes of criminal behaviors. Also includes discussion of profiles of different adult offenders and their behavioral characteristics relative to the major felonies committed in contemporary society. Prerequisite: SOC 110.	F - Fall
SOC	0354	Medical Sociology	C1	3.00		A survey of the social causes and consequences of health and illness, the expanding role of health-related organizations, the training of health care personnel, and the contemporary consumer's movement. A cross-cultural comparison of health care delivery systems and a review of various social problems associated with health care in the U.S. is provided. Prerequisite: SOC 110.	S - Spring
SOC	0361	Social Demography	C1	3.00		A look at changes in human population through an analysis of birth rates, death rates, and migrations. Social demographic analysis of census and independent research data. Various population theories are applied to national and world situations. Concepts of over-population, minority groups, and aging are analyzed. Prerequisite: SOC 110.	F - Fall
SOC	0362	Deviant Behavior	C1	3.00		A survey of the theoretical explanations of socially disapproved behavior from the sociological perspective and the application of these concepts to specific forms of deviance. Also includes analysis of the social nature of conforming behavior as a way of increasing understanding of deviant behavior. Prerequisite: 6 hours of Sociology.	S - Spring
SOC	0370	The Sociology of Death & Dying	C1	3.00		A review of the international religious, secular, and scientific expressions regarding death. Historical and current issues pertaining to death are explored and a critical perspective is taken on all positions. The course incorporates both philosophical and pragmatic overviews of death and dying. Prerequisite: SOC 110.	D - Demand
SOC	0382	Ethnic Relations	C1	3.00		A study of racial and cultural groups particularly focusing on the United States with some analysis of international ethnic relations. Analyzes several general theories and explanations for minority-dominant relations. Prerequisite: SOC 110.	D - Demand
SOC	0391	Penology and Corrections	C1	3.00		Philosophy, history, and operations of penitentiary systems with special attention given to changes in adult institutions. Explanation of the problems associated with prison populations and types of facilities along with sentences, therapeutic models, and community treatment. Prerequisite: SOC 110.	D - Demand
SOC	0395	Fads, Riots, and other Collective Behavior	C1	3.00		An examination of riots, panics, mass hysterias/collective delusions, fads, social movements and other forms of collective social behavior. Includes exploration of the theories used to explain such events and the analysis of several specific episodes of collective behavior. Prerequisite: 6 hours of Sociology or consent of instructor.	D - Demand
SOC	0396	Education and Society	C1	3.00		An analysis of the functions and processes that characterize the social institution of education, including cultural transmission and social control, and the role of education in the process of social stratification, including ability grouping and social class reproduction. An examination of attempts to achieve equality of educational opportunity by race/ethnicity, gender and social class and of the relationships between education and other social institutions including the family, religion, health care and the economy. Prerequisite: SOC 110.	D - Demand
SOC	0402	The Community - Rural and Urban	C1	3.00		Social processes of human groups who share common unities of territory and cultural bonds. Major attention on gemeinschaft-gesellschaft theories as they pertain to national, rural, urban, ethnic, and subcultural communities, and how these intertwine in contemporary societies. Prerequisite: SOC 110.	D - Demand
SOC	0406	Sociology of Child Abuse	C1	3.00		An analysis of child abuse and neglect within the United States. The dynamics of the family environment as well as the victim-perpetrator relationship will be examined. Emphasis will be placed on societal reaction to both abuser and the abused in addition to the behavior itself. Potential treatment alternatives will be analyzed. Prerequisite: 9 hours of Sociology.	D - Demand
SOC	0482	Sociological Theory	C1	3.00		An exploration of classical and contemporary sociological theory placed in historical perspective from Auguste Comte to the modern era. Prerequisite: 9 hours of sociology.	F - Fall
SOC	0491	Internship in Sociology	C1	1.00	4.00	Observation of and participation in various social service agencies in the community. All internships must conform with institutional policy regarding the number of hours per credit and contractual agreements with cooperating agency personnel. No more than three hours may be counted toward a major or minor. Prerequisites: 15 hours of Sociology, Junior standing or above, and a GPA of 2.75. Repeatable for up to eight credit hours.	D - Demand
SOC	0498	Advanced Topics in Sociology	C1	3.00		For upper division sociology majors. Topics covered and methods used will place emphasis on student-instructor interest, desire to pursue in-depth research and ability to assimilate topics. Courses offered as a 498 will include areas not already treated in other sociology courses. Prerequisite: 6 hours of sociology or consent of instructor.	D - Demand
SOC	0499	Independent Study	C1	1.00	3.00	Structured by the adviser with the approval of the department head and school dean. Prerequisite: Advanced standing in the major field with a GPA of 3.0. Enrollment in the course must be approved by department head and dean. Repeatable for up to six credit hours.	D - Demand
SPAN	0100	Workplace and Travel Spanish	C1	3.00		Introductory course that will familiarize students with the basic elements of spoken Spanish, Spanish customs, culture and social behaviors focusing on workplace and travel interactions. Some grammar and structural patterns will be taught in this course.	D - Demand F - Fall S - Spring SU - Summer
SPAN	0101	Beginning Spanish I	C1	3.00		This course is the first semester of Spanish language instruction. The course aims to develop skills in listening, speaking, reading, and writing, as well as to expose students to the diversity of cultures in the Spanish-speaking world. Prerequisite: None. MOTR: LANG 103	F - Fall S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
SPAN	0102	Beginning Spanish II	C1	3.00		This course is the second semester of Spanish language instruction. The course continues to develop skills in listening, speaking, reading, and writing, and expose students to the diversity of cultures in the Spanish-speaking world. Prerequisite: SPAN 101 or equivalent level of proficiency. MOTR: LANG 104	F - Fall S - Spring
SPAN	0103	Spanish for Healthcare Professionals I	C1	3.00		The course aims to develop skills at the Novice level in listening, speaking, reading, and writing in Spanish with a special focus on preparing future healthcare personnel for the diversity of cultures in the Spanish-speaking world and for the complexity of cross-cultural communication. There are no course pre-requisites.	F - Fall S - Spring
SPAN	0104	Spanish for Healthcare Professionals II	C1	3.00		The course aims to continue developing skills at the Novice level in listening, speaking, reading, and writing in Spanish with a special focus on preparing future healthcare personnel for the diversity of cultures in the Spanish-speaking world and for the complexity of cross-cultural communication. Prerequisite: SPAN 101 or SPAN 103, or permission of instructor.	F - Fall S - Spring
SPAN	0203	Intermediate Spanish I	C1	3.00		This course is the third semester of Spanish language instruction. The course continues to develop skills in listening, speaking, reading, and writing, and expose students to the diversity of cultures in the Spanish-speaking world. Prerequisite: SPAN 102 or equivalent level of proficiency.	F - Fall S - Spring
SPAN	0204	Intermediate Spanish II	C1	3.00		This course is the fourth semester of Spanish language instruction. The course continues to develop skills in listening, speaking, reading, and writing, and expose students to the diversity of cultures in the Spanish-speaking world. Prerequisite: SPAN 203 or equivalent level of proficiency.	F - Fall S - Spring
SPAN	0298	Topics in Spanish	C1	1.00	8.00	Topics not normally included in another course. Prerequisites are determined by the department and stipulated in the syllabus.	D - Demand
SPAN	0300	Grammar and Composition	C1	3.00		Initial oral and written composition with emphasis on grammar; verbal aspect, modals, and tense contrasts through significant practice and sentence drills. Taught in Spanish. Prerequisite: SPAN 204 or equivalent level of proficiency.	F - Fall S - Spring
SPAN	0301	Introduction to Literature	C1	3.00		This course is designed to serve as a bridge between the basic language Spanish courses and upper level literature and composition courses, including SPAN 300. Students will review and refine their usage of grammar previously taught while learning the vocabulary and analytical skills necessary in the study of literature written in Spanish. The course is taught in Spanish. Prerequisite: SPAN 300 or instructor permission.	D - Demand
SPAN	0306	Introduction to Spanish Civilization	C1	3.00		Continued development of the four basic language skills through reading and conversation in Spanish culture. The study of more complex patterns in communicative skills is emphasized. Taught in Spanish. Prerequisite: SPAN 204 or equivalent level of proficiency.	F - Fall
SPAN	0307	Introduction to Latin American Civilization	C1	3.00		Continued development of the four basic language skills in the language through reading and conversation in Latin American Culture. The study of more complex patterns in communicative skills is emphasized. Taught in Spanish. Prerequisite: SPAN 204 or equivalent level of proficiency.	S - Spring
SPAN	0310	Conversation I	C1	3.00		Emphasis on the basic survival skills of understanding, speaking, and reading in Spanish, and on the study of the Spanish speaking cultures. Taught in Spanish. Prerequisite: SPAN 204 or equivalent level of proficiency.	F - Fall
SPAN	0313	Spanish Credit by Examination Intermediate	C1	3.00		Academic credit will be granted to individuals who have demonstrated proof of language proficiency per an approved third-party standardized assessment (e.g. AP, IB, AAPPL, STAMP-4S) in accordance with approved departmental policies. Credit will only be granted if the score report is dated prior to the start of the post-secondary career. This credit may be applied to a SPAN certificate or a major in Spanish as upper-division elective hours.	F - Fall S - Spring SU - Summer
SPAN	0316	Spanish Credit by Examination Advanced	C1	3.00		Academic credit will be granted to individuals who have demonstrated proof of language proficiency per an approved third-party standardized assessment (e.g. AP, IB, AAPPL, STAMP-4S) in accordance with approved departmental policies. Credit will only be granted if the score report is dated prior to the start of the post-secondary career. This credit may be applied to a SPAN certificate or a major in Spanish as upper-division elective hours.	F - Fall S - Spring SU - Summer
SPAN	0326	Peninsular Literature from El Cid to the Present	C1	3.00		Spain's literary history and important representative works and writings from El Cid to the present. Taught in Spanish. Prerequisite: SPAN 204 or equivalent level of proficiency. SPAN 300 recommended.	S - Spring
SPAN	0330	Intro to Spanish Linguistics	C1	3.00		Develops students' understanding of important topics in Spanish linguistics by exploring such topics as the language's history, phonetics and phonology, morphology, syntax, semantics, sociolinguistics, cultural and linguistic contact of Spanish with other world languages, and regional and social language variation. Prerequisite: SPAN 204.	F - Fall
SPAN	0336	Survey of Spanish American Literature	C1	3.00		Survey of Spanish American literature from its beginnings to the present. Taught in Spanish. Prerequisite: SPAN 204 or equivalent level of proficiency. SPAN 300 recommended.	F - Fall
SPAN	0360	Introduction to Medical Interpretation (Spanish/English)	C1	3.00		This course prepares students to interpret and culturally mediate a variety of medical situations. The course will be taught in Spanish. Prerequisites: Intermediate High language skills on the Oral Proficiency Interview as defined by the American Council on the Teaching of Foreign Languages, ENG 101 & ENG 102 or equivalent, SPAN 300 or equivalent.	D - Demand
SPAN	0370	Interpretation (Spanish/English)	C1	3.00		Prepares students to interpret and culturally mediate in a variety of social, academic, and professional situations. The course will be taught in Spanish. Prerequisites: ENG 102 & SPAN 204 or equivalent; SPAN 300 recommended.	
SPAN	0380	Junior Seminar	C1	3.00		A course enabling concentrated study of carefully focused topics. Content of the seminar course is to be determined by instructor's proposal, subject to review and approval by the Department. May be retaken as different topics for a maximum of 12 credit hours. Prerequisite: SPAN 204 or equivalent.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
SPAN	0399	Spanish Study Abroad	C1	1.00	15.00	Academic credit(s) will be granted to individuals who enroll and complete an approved university sponsored study abroad program in a Spanish- speaking country. Course(s) taught in Spanish and completed abroad may fulfill up to 15 hours of Spanish upper division elective credit. Prerequisite: SPAN 204 or its equivalent.	D - Demand
SPAN	0410	Conversation II	C1	3.00		Spanish language and culture in the framework of the student's potential areas of contact; personal, travel and occupational. Conversation is the major course component. Prerequisite: Three credit hours of SPAN at the 300 level or permission of instructor..	S - Spring
SPAN	0430	Protocol and Procedures of Medical Interpretation (Spanish/English)	C1	3.00		This course is an introduction to the general principles, procedures, roles and ethical behaviors of medical interpreters. This course is taught in Spanish. Prerequisites: Intermediate High language skills on the Oral Proficiency Interview as defined by the American Council on the Teaching of Foreign Languages, ENG 101 & ENG 102 or equivalent, SPAN 300 or equivalent.	D - Demand
SPAN	0440	Translation Spanish/English	C1	3.00		Introduction to the general principles, procedures, theories, and tools of translating. Students will translate a wide variety of short texts from English to Spanish or from Spanish to English. Some basic principles of linguistics will be covered. Prerequisites: Excellent English language skills and the completion of SPAN 300 or equivalent proficiency.	D - Demand
SPAN	0480	Senior Seminar	C1	3.00		A course enabling concentrated study of carefully focused topics required Advanced-level discourse. Content of the seminar course is to be determined by instructors' proposals, subject to review and approval by the Department. May be retaken as different topics for a maximum of 6 credit hours. Prerequisite: SPAN 300 or equivalent.	D - Demand
SPAN	0491	Internship in Spanish	C1	1.00	8.00	Off-campus work experience in areas related to professional goals of students for advanced students in Spanish. Application must be made during the first half of one semester for the following semester and it must be approved prior to enrolling. Students work under joint supervision of a faculty member and a representative of the organization providing the intern experience. A student may repeat the course to a maximum of 8 hours credit. Prerequisites: Completion of a minimum of 3 credit hours of upper-division Spanish or equivalent and approval of Department Chair. Some internships may have specific prerequisites. Guidelines for the internship program are available in the department's offices and must be followed.	D - Demand
SPAN	0498	Advanced Topics in Spanish	C1	1.00	8.00	This course is for upper-division students. Topics to be announced each time the course is offered. Prerequisite: As stated in the syllabus for the specific offering.	D - Demand
SPAN	0499	Independent Study	C1	1.00	3.00	Individually directed study in selected areas for advanced majors in Spanish. Prerequisite: Must have completed 90 hrs. with a cumulative GPA of 3.0 and must have 15 hrs. in Spanish at any level. The proposed study must be approved by instructor, adviser, department head, and school dean prior to enrollment.	F - Fall S - Spring
SRM	0101	Introduction to Sport and Recreation Management	C3	3.00		Designed to introduce students to the sport and recreation management industry. The historical and philosophical perspectives of sport and leisure will be discussed with a specific emphasis on service areas and career options in recreation and sport. No prerequisites.	F - Fall
SRM	0210	Ethics in Sports & Recreation	C3	3.00		Offers an introduction to philosophy and ethics within sport and recreation settings. Students will examine the value of developing a personal philosophy for making character driven, philosophy-based decisions. This course is designed to create awareness of important ethical issues in leadership positions found in sports and recreation and to provide students with skills and information to competently respond to ethical challenges as they occur. Students will explore real-life issues such as social responsibility and current events through research, readings and class discussion. This course is intended to help develop and foster critical thinking skills, to learn and understand the philosophical and ethical background needed in sport and business settings, and to improve written and verbal communication skills.	S - Spring
SRM	0220	Sports Around the Globe	C3	3.00		Investigates the global aspect of sports and how they exemplify most of the contemporary phenomena associated with globalization. Some of the topics under discussion include globalization, the Olympics, international sporting institutions, the hosting of "big events" and the flow of international athletes in professional and college sport settings. The main goals are to provide the students with the skills to analyze sport as social phenomena and use them as another analytical tool to study or illuminate contemporary situations and challenges in the world of sports.	F - Fall
SRM	0230	Outdoor Recreation	C3	3.00		Designed for students with little or no outdoor recreation experiences. Students will discuss how to safely lead and execute outdoor hikes, camping trips, mountain biking, cooking outdoors, and survival skills. Learn how to manage risks and safety outdoors, develop outdoor leadership skills, and learn to adventure outdoors while leaving no trace.	S - Spring
SRM	0298	Topics in Sport and Recreation Management	C3	1.00	3.00	Designed to give instruction in some area of Sport and Recreation Management not covered in other courses. Prerequisites to be determined by department.	
SRM	0300	Marketing and Promotion in Sport and Recreation Management	C3	3.00		Applies marketing, promotion, and sales tools and techniques to the specific domain of sporting events, sporting activities, and sports related products. Topics include: marketing through sport sponsorships, endorsements, naming rights, licensing, marketing and management, marketing of sports segmentation, distribution product decisions, pricing, promotion and emerging issues in sports marketing. Prerequisite: ENG 102, SRM 101.	S - Spring
SRM	0310	Facility and Event Management in Sport and Recreation Management	C3	3.00		Focuses on planning, maintaining, and managing simple and multi-purpose sport/recreational facilities and associated sport events. Students will become familiar with management techniques and strategies necessary for proper event promotion, implementation, and evaluation. Emphasis is placed on the relationship between facility design and event success/failure. Prerequisite: SRM 101.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
SRM	0320	Risk Management and Legal Issues in Sport and Recreation Management	C3	3.00		The discipline of risk management in introduced and covers the framework for the strategic sports risk management process. Various elements of the sport risk management process are assessed with a view to develop an understanding of the practical approach to risk management in sport. Prerequisite: ENG 102, SRM 101.	S - Spring
SRM	0330	Finance: Budget and Revenue Management Sport and Recreation Management	C3	3.00		Focuses on the application of principles and practices of financial management as it applies to organizations in the sport industry. Included in the course are the basics of accounting, budgets and budgeting systems, performance measures and financial statement evaluation for the purpose of cost analysis and planning. Prerequisite: MATH 125 or higher, and SRM 101.	F - Fall
SRM	0340	Leadership within Sport and Recreation Management	C3	3.00		Examines skills, roles, functions, and responsibilities of leaders in sports managerial settings. Students will investigate leadership theory, principles, and leadership styles of sport leaders. Uses case studies, historical, and current events as well as research, experiential, and hands-on activities to encourage student reflection and content mastery.	F - Fall
SRM	0380	Sport and Recreation Event Operations	C3	3.00		Review the fundamentals and develop the lifetime skill of program planning using techniques of identifying and analyzing program activities and areas. Content includes examining event design and operation for a variety of population groups provided by multiple recreation and sport agencies.	F - Fall
SRM	0395	Practicum in Spts & Rec Mgmt	C3	3.00		An experiential field-based experience designed to place students in various sport and recreation management settings related to their career emphasis. Participation in the practicum provides students an introduction to the sport and recreation industry through structured field experience within a professional sport or recreation organization. Students are required to complete and log a minimum of 80 hours of work at a pre-approved site in addition to completing reflective and career development activities. May be repeated one time for credit. Prerequisite: Department Permission, KINE 220 and SRM 310 with a "C" or higher, junior class standing.	
SRM	0400	Social Media and Analytics in Sport and Recreation Management	C3	3.00		Students will develop their ability to effectively manage various digital and social media tools. Topics include developing effective digital and social media materials to promote advocacy campaigns and evaluating the effectiveness of campaigns through data analytics. Prerequisite: SRM 330.	S - Spring
SRM	0410	Organization and Administration in Sport and Recreation Management	C3	3.00		Studies the problems and considerations involved in the successful management of sport and recreation programs. Topics covered include program planning, organization, leadership and evaluation and current organizational trends. Prerequisite: SRM 310.	S - Spring
SRM	0491	Sport and Recreation Management Internship	C3	3.00		Provides students an opportunity to observe and participate in a sport and recreation industry setting. Applies course work to a work setting. All internships must conform to institutional policy regarding the number of hours or work, the number of credit hours and written agreements with the cooperating organization or agency. (This course can be repeated once for credit). Prerequisite: Sport & Recreation Management major and consent of department.	F - Fall S - Spring SU - Summer
SRM	0498	Advanced Topics in Sport and Recreation Management	C3	1.00	3.00	Designed to give advanced instruction in some area not covered in other courses. Prerequisites to be determined by department.	
SUAS	0101	Introduction to Small Unmanned Aircraft Systems (sUAS) Operations and Safety	C3	3.00		Introduction to sUAS Ops and Safety is a fundamental course that is designed to provide instruction on how to safely operate a small Unmanned Aircraft System (sUAS), commonly called a drone, in the United States' National Airspace System (NAS). Emphasis is on the basic requirements necessary to commercially operate an sUAS and to lay the foundation to attain FAA certification as a Remote Pilot. Course objectives include sUAS characteristics and capabilities, the sUAS operating environment, required capabilities of the remote pilot, crew resource management, principles of threat and error management of sUAS Ops, non-normal operations and contingencies; and an introduction to sUAS career paths and recreational and commercial applications. Two hours of lecture and one two-hour lab per week. Basic knowledge of physics and mathematics is recommended.	D - Demand
SUAS	0201	sUAS Design, Construction, and Applications	C3	3.00		UAS Design, Construction, and Applications is a basic aircraft design course to introduce design, construction, and practical applications of small Unmanned Aircraft Systems (sUAS), commonly called drones. Students will learn how to build and operate an sUAS by constructing an operational system from components. Design considerations for potential commercial and recreational applications. Emphasis is on the basics of Conceptual, Preliminary, and Detail sUAS Design phases, while the student builds a quadcopter sUAS from a kit chosen to perform a specific purpose or mission. Using the personal sUAS acquired in sUAS 101, the student will continue the development of fundamental skills necessary to commercially operate an sUAS and to build on topics to facilitate FAA certification and gain experience as a Remote Pilot. Students will analyze and test their owned sUAS against Design parameters, and choose a kit to construct an sUAS for a designated purpose. Course topics include sUAS Purpose-oriented Design; Aerodynamics; Physics and Flight Mechanics; Aerospace Vehicle Control; Engineering for System Construction; Risk Management Procedures; Design Workflow; Conceptual, Preliminary, Detail, Initial Performance, Mission Performance, and Final Performance Design Milestones; Performance Analysis; Prototype Flight Test; and Flight Test and Evaluation. Two hours of lecture and one two-hour lab per week. Prerequisites: SUAS 101.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
SUAS	0301	The Art, Science, and Practice of UAS Piloting	C3	3.00		The Art, Science, and Practice of Professional UAS Piloting course completes a three-course series for Certification as a professional small Unmanned Aircraft Systems (sUAS) Remote Pilot (RP). At completion of this series, graduates will synthesize and compile operational and design experience into safe employment of their sUAS to reap a full harvest of vocational and educational benefits, exercising and enjoying the full range of capabilities of a professional RP. Emphasis is on the piloting art and skills of the sUAS Professional and a review of Rules and Procedures for Safe UAS Operations. Using both the personal sUAS acquired in sUAS 101 and the purpose-based designed sUAS of sUAS 201, the student will practice the art of sUAS flying and complete the development of skills necessary to attain 14CFR Part 107 Certification as a Remote Pilot. In addition, the course will explore a wide range of professional best practices in a variety of applications including imaging and sensor systems, transportation, competitive performance, civil-military operations, and enterprises or purposes limited only by our collective imagination. Graduates will be afforded opportunities to gain additional industry sUAS safety certifications, and will be full-fledged members of the "Next Generation of Aviation Technology" for whom the sky is no limit. Two lectures and one two-hour laboratory per week. Prerequisite: SUAS 201.	D - Demand
SW	0115	CAPS Social Work Industry Partner Experience	C1	1.00		Introduces Missouri Southern CAPS students to human service careers and the role of a human service professional. The Social Work (SW) Industry Partner Experience is a course which will help the student discern their interest in the social work profession and guide them towards the right specialty. The first few weeks establishes a base of understanding specific industry standards and procedures and basic terminology related to the field. Professional skills will be introduced throughout the semester. The remainder of the semester is spent observing and working alongside professionals in a social work setting. Prerequisite: Admission to the Missouri Southern CAPS program.	
SW	0231	Introduction to Human Services	C1	3.00		Provides students with an introduction to the profession of social work. The history of the profession, social work values, ethics, skills and areas of practice will be examined. This course emphasizes the importance of social justice, diversity, and advocacy in the social work profession through a generalist practice perspective.	F - Fall
SW	0298	Special Topics in Social Work	C1	1.00	3.00	Special Social Work topics of current interest. Subjects and instructors may vary each semester. Students are encouraged to submit areas of interest to the Social Work department chair. Prerequisites: SW 231 with a grade of 'C' or higher and admission to the Social Work program.	D - Demand
SW	0300	Social Welfare Policies and Services	C1	3.00		Describes the role of social policy in the organization and the delivery of social services. Presents a framework for the analysis of policy development and impacts. Presents methods of influencing policy development and implementation. Prerequisites: Admission to the Social Work program.	F - Fall
SW	0310	Human Behavior and the Social Environment I	C1	3.00		Major theories of human development across the life span and life course. Ecological relationship of diverse individuals and families with other systems in the social environment described with focus on biological, psychological, and social context and content. Prerequisites: admission to the Social Work program or permission of the department chair.	F - Fall
SW	0320	Human Behavior and the Social Environment II	C1	3.00		The second foundational course on human behavior in the social environment. Focuses on human behavior in the social environment and it relates to the larger ecological and macro contexts. Theories, models, and frameworks for evaluating group dynamics, organizational behavior, and communities will be investigated with an emphasis on empowerment and advocacy. Prerequisite: SW 310 with a grade of 'C' or higher.	S - Spring
SW	0370	Social Diversity	C1	3.00		An examination of the effects of race, gender, religion, disability, sexual orientation, and other factors of social relationships and opportunity. Presents theories about the relationship between diversity, social injustice and oppression. Examines ethical issues in relation to social conflict and cooperation. Prerequisite: SW 310 with a grade of 'C' or higher.	S - Spring
SW	0391	Substance Abuse Services	C1	3.00		The course is an analysis of the policies, services, treatment modalities, and related intervention processes related to the abuse of and addiction to alcohol and other drugs. The purpose of the course is to familiarize the student with the substance abuse process, the various treatment modes and the policies that have directly and indirectly contributed to the continuation and growth of this bio-psycho-social-spiritual problem. Social workers need to understand substance abuse and addiction regardless of the practice setting and population. Substance abuse occurs across all populations and settings and is a component of the generalist social work perspective. Prerequisite: Grade of 'C' or above in any of the following courses - SW 231, PSY 100, SOC 110, or CJ 100.	F - Fall
SW	0392	Mental Health Services	C1	3.00		The course is an analysis of the policies, services, treatment modalities, and related intervention processes related to mental health and mental disorders. The purpose of the course is to familiarize the student with mental illness, the various treatment modes and the policies that have directly and indirectly contributed to the continuation and growth need for services. Social workers need to understand dimensions of mental health and mental disorders; as well as mental health service delivery. Mental illness occurs across all populations and settings and is a component of the generalist social work perspective. Prerequisite: Grade of 'C' or above in any of the following courses - SW 231, PSY 100, SOC 110, or CJ 100.	F - Fall
SW	0393	Family and Children Services	C1	3.00		The course is an analysis of the policies, services, treatment modalities, and related intervention processes related to families and children. The purpose of the course is to familiarize the student with family and children social problems and the importance of services that support the health and well-being of families and children. Prerequisite: Grade of 'C' or above in any of the following courses - SW 231, PSY 100, SOC 110, or CJ 100.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
SW	0394	Gerontology Services	C1	3.00		An analysis of the policies, services, and related intervention processes related to the care of the aged. The purpose of the course is to familiarize the student with the aged population, the service continuum of care and the policies that have directly and indirectly support the elderly in our society. Prerequisite: Grade of 'C' or above in any of the following courses - SW 231, PSY 100, SOC 110, or CJ 100.	F - Fall
SW	0395	The Happiness Project	C1	3.00		The course has 3 components: understanding oneself, understanding and building interpersonal relationship skills, and understanding and committing to social advocacy within the students' community. The purpose of the course is to familiarize the student with these three components and their interactions with sustained happiness.	
SW	0396	Crisis Services and Intervention Strategies	C1	3.00		An analysis of services and helping process related to crisis interventions in various practice settings and respect of diverse populations. The purpose of the course is to familiarize the student with crisis continuum of care, crisis theories, and foundational skills for crisis services. Will emphasize knowledge from a trauma-informed lens and importance of developing self-care plan for vicarious trauma. Prerequisite: Grade of 'C' or above in any of the following courses: SW 231, PSY 100, SOC 110, CJ 100.	F - Fall S - Spring
SW	0410	Generalist Practice with Individuals	C1	3.00		Explores generalist social work practice and theory in working with individuals and families emphasizing the generalist intervention model. The basic knowledge, principles, and skills for effective interviewing and case management are examined and applied. Prerequisites: SW 310 with a grade of 'C' or higher.	F - Fall
SW	0420	Generalist Practice with Families and Groups	C1	3.00		This practice course examines mezzo level generalist social work practice with families and groups. Explores evidenced-based strategies in working with families and groups emphasizing the generalist intervention model which involves engagement, assessment, planning, intervention, evaluation, termination, follow-up, and appropriate related documentation for each helping phase. The basic knowledge, principles, and skills for case conceptualization examined and applied. This practice course also emphasizes group leadership skills, group dynamics, and the stages of group development. Topics include types of groups, ethics, conflict resolution, and working with diverse populations. Course pre-requisites: SW 320 Human Behavior in the Social Environment II with a grade of 'C' or higher.	S - Spring
SW	0430	Generalist Practice with Communities and Organizations	C1	3.00		This practice course focuses on generalist social work practice with communities and organizations. This course integrates the knowledge, values, and skills needed to implement the planned change process to communities and organizations. Students will examine and apply leadership and advocacy skills to facilitate macro practice interventions and to empower diverse populations in society. Prerequisite: SW 320 with a grade of 'C' or higher.	S - Spring
SW	0450	Introduction to Field Experience	C1	1.00		Field experience in social work is a capstone experience utilizing practice in a professional setting, found in the community, concluding the bachelor of social work degree. The course is designed to orient the students to the policies and procedures, and roles and responsibilities for the capstone field experience occurring the last 2 semesters of the degree program. Throughout the course the students will become familiar with the documents utilized for field experience. Additionally, the student will decide on a practice area of social work practice to pursue during field experience and, by the end of the course, finalized a placement at a local community agency to complete the field experience. Prerequisites: SW 410 with a grade of 'C' or higher and SW 420 with a grade of 'C' or higher (may be taken concurrently) and SW 430 with a grade of 'C' or higher (may be taken concurrently).	S - Spring
SW	0470	Social Research and Evaluation	C1	3.00		The study and experience in current methods of social research and evaluation with an emphasis on proposal development and implementation of project measurement and design. Prerequisites: SW 410 and SW 420 and SW 430 all with a grade of 'C' or higher.	F - Fall
SW	0475	Social Justice Practice	C1	3.00		The study and experience in advocacy practice to affect social justice for marginalized populations. Prerequisites: SW 450 all with a grade of 'C' or higher (may be taken concurrently).	S - Spring
SW	0480	Field Education I	C1	4.00		Supervised experience in a community social service agency. Application of the knowledge, values, and skills of generalist social work practice to work with client systems in an organizational setting. Prerequisites: SW 420 with a grade of 'C' or higher and SW 450 with a grade of 'C' or higher (may be taken concurrently), and SW 470 with a grade of 'C' or higher (may be taken concurrently).	F - Fall
SW	0481	Field Seminar I	C1	2.00		Supervised experience in a community social service agency. Application of the knowledge, values, and skills of generalist social work with practice to work with client systems in an organizational setting. Prerequisites: SW 450 with a grade of 'C' or higher and SW 470 with a grade of 'C' or higher (may be taken concurrently) and SW 480 with a grade of 'C' or higher (may be taken concurrently).	F - Fall
SW	0485	Field Education II	C1	4.00		Continuation of SW 480. This course serves as the capstone of the social work program. Prerequisites: SW 480 with a grade of 'C' or higher and SW 481 with a grade of 'C' or higher.	S - Spring
SW	0486	Field Seminar II	C1	2.00		Supervised experience in a community social service agency. Application of the knowledge, values, and skills of generalist social work with practice to work with client systems in an organizational setting. Prerequisites: SW 480 and SW 481 both with a grade of 'C' or higher and SW 485 with a grade of 'C' or higher (may be taken concurrently).	
SW	0498	Advanced Topics in Social Work	C1	1.00	3.00	Special social work topics of current interest. Subjects and instructors may vary each semester. Students are encouraged to submit areas of interest to the social work department chair. Prerequisite: SW 231 with a grade of 'C' or higher and admission to the Social Work program.	D - Demand
SW	0499	Independent Study Social Work	C1	1.00	3.00	Individually directed study for advanced majors in area of social work selected with advisor approval. Proposal must be approved by program director and school dean. Prerequisites: admission to the Social Work program.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
TH	0101	Theatre Performance	C1	1.00		The performance of a role, service as a designer, or stage manager which has met departmental standards on a major production. A student may accumulate up to 8 hours of credit. Credit is applied for after production closes. Credit applies only to accumulative graduation hours.	F - Fall S - Spring SU - Summer
TH	0102	Theatre Performance	C1	1.00		The performance of a role, service as a designer, or stage manager which has met departmental standards on a major production. A student may accumulate up to 8 hours of credit. Credit is applied for after production closes. Credit applies only to accumulative graduation hours.	F - Fall S - Spring SU - Summer
TH	0105	Applied Performance: Acting	C1	1.00	6.00	One-on-one applied lessons in acting focus on the individual performer from the standpoints of technique, literature, movement, voice, and performance. Students will develop personalized creative processes through monologues, scene work, poetry, prose, and exercises in observational awareness that will help them to create a believable character for the stage and screen. Solo and ensemble performances are required at weekly Studio Hour, and Performance and Recital Attendance for Theatre Majors. Co-Requisite: TH 106 Production Practicum.	F - Fall S - Spring SU - Summer
TH	0106	Production Practicum	C1	1.00	6.00	Practical participation in productions serving either in the role of actor, designer, stage manager/director, technical (light & sound) directors, & Pitt Orchestra Musicians under the supervision of faculty. A student may accumulate up to 16 hours of credit. Credit is applied for after production closes. All majors are expected, as a part of their degree program, are to serve in the aforementioned capacities each year (BM Musical Theatre), and each semester (BFA and BS Theatre), and for 2 semesters for the Certificate in Music: Pit Orchestra Musician.	F - Fall S - Spring SU - Summer
TH	0110	Theatre Appreciation	C1	3.00		Introduction to theatre as a communicative and fine art emphasizing collaborative efforts of playwright, artistic director, designer, actor, and crew. Activities include the interpretation and evaluation of plays through scripts, live, and recorded performances. MOTR: THEA 100A	F - Fall S - Spring SU - Summer
TH	0116	History of Musical Theatre	C1	3.00		Examines the history, philosophy, and significance of one of the quintessentially American forms of performance - the musical theatre. The course will explore the context of the musical in the theatre and society throughout history and in the contemporary arts through a multicultural study of historical evolution.	S - Spring
TH	0121	Theatre Laboratory	C1	2.00		A laboratory devoted to mounting the theatre's season. Nonperformance work. Meets two hours in sequence twice a week.	F - Fall S - Spring
TH	0122	Theatre Laboratory	C1	2.00		A laboratory devoted to mounting the theatre's season. Nonperformance work. Meets two hours in sequence twice a week.	F - Fall S - Spring
TH	0134	Children's Theatre	C1	3.00		Students will examine current philosophies, principles, and techniques of children's theatre. Development of the individual through use of dramatic play, imagining, improvisation, and theatre games geared to K-8 curriculum. This course is applicable to classroom teaching, educational leadership, public speaking, and performers. Students will engage in age appropriate literary text adaptations, as well as curriculum building for youth in a performative, theatrical fashion. This dynamic course will explore the past, present and future of Theater for Young Audiences both domestically and abroad. Students will engage with and assess the quality of TYA in script and in performance through the lens of the artist, practitioner, educator, and producer. Prerequisites: None.	D - Demand
TH	0141	Improvitational Acting	C1	3.00		Designed not only for students of the theater, but also for those with an interest in politics and debate, public speaking, trial law, and education, as well as a broad range of other careers. Students explore various improvisational techniques that fuse intellect, imagination, voice, and body.	D - Demand
TH	0142	Theatre Technology	C1	3.00		Hardware and tool usage and technical drawing as applied to theatre. The use of electricity, sound, and electronics in the theatre. Stage rigging, welding, new materials, and construction techniques.	D - Demand SE - Spring-Even
TH	0150	Intro to World Theatre	C1	3.00		Introduction to World Theatre is an introductory course will acquaint students with the origins and evolution of non-Western theatre, drama, and the performance forms of Asia, Africa, the Middle East, Latin America, and the Caribbean. This course will provide a more international perspective on the art of theatre and global culture.	F - Fall
TH	0201	Theatre Performance	C1	1.00		The performance of a role, service as a designer, or stage manager which has met departmental standards on a major production. A student may accumulate up to 8 hours of credit. Credit is applied for after production closes. Credit applies only to accumulative graduation hours.	F - Fall S - Spring SU - Summer
TH	0202	Theatre Performance	C1	1.00		The performance of a role, service as a designer, or stage manager which has met departmental standards on a major production. A student may accumulate up to 8 hours of credit. Credit is applied for after production closes. Credit applies only to accumulative graduation hours.	F - Fall S - Spring SU - Summer
TH	0212	Oral Interpretation	C1	3.00		Principles and techniques for the public presentation of oral reading. Selection, analysis, and preparation of different types of literature with emphasis on platform presentation of prose, poetry, drama, and Readers Theatre.	SE - Spring-Even
TH	0215	Theatrical Dance: Ballet	C1	2.00		Introduces students to the fundamentals of classical ballet technique. In each class, students participate in conditioning, movement exercises and dance phrases designed to increase knowledge and improve execution of basic ballet steps.	S - Spring
TH	0216	Theatrical Dance: Jazz	C1	2.00		Introduces students to the fundamentals of Jazz dance technique. In each class, students participate in conditioning, movement exercises and dance phrases designed to increase knowledge and improve execution of basic Jazz dance steps.	F - Fall
TH	0217	Theatrical Dance: Tap	C1	2.00		Introduces students to the fundamentals of Tap dance technique. In each class, students participate in conditioning, movement exercises, and dance phrases designed to increase knowledge and improve execution of basic Tap dance steps.	S - Spring

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
TH	0218	Theatrical Dance: Musical Theatre	C1	2.00		Focuses on the study of dance techniques used in modern musical theatre. In each class students participate in conditioning, movement exercises, and dance phrases designed to increase knowledge and improve execution of various dance steps.	F - Fall S - Spring
TH	0220	Professional Interaction	C1	3.00		This performance class merges concepts and techniques from theatre and rhetoric to develop the skills necessary to effective communication in a professional context. Particular attention will be paid to the organization and presentation of information. Students will interact as speakers and as auditors in simulated communication environments, e.g. an informal training session, a formal boardroom presentation. MOTR: COMM 125.	F - Fall S - Spring
TH	0222	Theatre Laboratory	C1	2.00		A laboratory devoted to mounting the theatre's season. Nonperformance work. Meets two hours in sequence twice a week.	F - Fall S - Spring
TH	0231	Speech for Stage I	C1	3.00		Exercises and drills to improve projection, quality, flexibility, and effectiveness of the speaking voice leading to good usage in Standard American speech, based on the International Phonetic Alphabet.	FO - Fall-Odd
TH	0232	Costume Technology	C1	2.00		Basic techniques for construction of stage costumes from a designer's sketch. Areas covered are: fabrics, pattern development, cutting, sewing, dyeing, and crafts. No previous skills required.	D - Demand FO - Fall-Odd
TH	0233	Stage Makeup	C1	2.00		Introduction to the design and application of makeup for the stage. Focus is on the application of two-dimensional makeup for both large and small theatres. The uses and sources of a variety of materials will be discussed.	D - Demand FO - Fall-Odd
TH	0235	Speech for Stage II	C1	3.00		A continuation of stage speech training, emphasizing resonance, range, vocal dynamics, vocal expressiveness, and stage dialects. The course provides training in the most current and most significant voice methods for actors and speakers and utilizes the International Phonetic Alphabet to develop performance skills in American regional and foreign dialects. Prerequisite: TH 231.	FE - Fall-Even
TH	0236	Introduction to Puppetry	C1	3.00		Introduces students to the basics of puppetry from the making of puppets to presenting them as performing objects. The class will explore the history and art of puppetry as well as the variety of approaches to the craft of puppet making. In addition to learning to build puppets, students will also get to explore character development, storytelling, animated performance, and presentation. Prerequisite: TH 0141.	D - Demand
TH	0240	Stage Combat I	C1	3.00		An introduction to stage combat training. Our main goals are to expand and strengthen each actor's movement and gestural skill base, develop a wider range of physical tensions, techniques, and theatrical violence skills. We will investigate extensive training and warm-up techniques that will address the particular needs of individual actors, while building on the base knowledge of hand-to-hand combat and knife combat. All of your current and previous training in acting and vocal production will be integrated in this course.	SO - Spring-Odd
TH	0241	Acting I (Writing Intensive)	C1	3.00		Development of individual's ability to express thought and emotion through effective use of the voice and body. Character analysis and creation revealed in exercises and scene work.	F - Fall
TH	0242	Theatre Movement I	C1	3.00		Historical development and implementation of theatrical movement. Exercises and assignments focus on the enhancement of nonverbal character interpretation through individual study and in-class application of movement, gestures, and postures, including an assimilation of cultural influences, pantomime, masque, and improvisation. Two one-hour labs per week.	SE - Spring-Even
TH	0251	Business of Theatre	C1	1.00		Focuses on the business side of theatre. Students will learn how to prepare a resume, headshot, and portfolio of their work. Students will gain an understanding of industry specific unions and working expectations. Prerequisite: TH 0110.	D - Demand
TH	0252	Introduction to Western Drama	C1	3.00		An in-depth study of Western Drama with representative playwrights throughout western history. Satisfies Area 5B General Education Requirement. Prerequisite: ENG 101.	F - Fall S - Spring
TH	0298	Topics in Theatre	C1	0.00	8.00	Concentrated study on a variety of selected theatre topics. Can be offered on same topic an unlimited number of times.	D - Demand
TH	0301	Theatre Performance	C1	1.00		The performance of a role, service as a designer, or stage manager which has met departmental standards on a major production. A student may accumulate up to 8 hours of credit. Credit is applied for after production closes. Credit applies only to accumulative graduation hours.	F - Fall S - Spring SU - Summer
TH	0303	Theatre Movement II	C1	3.00		Character development through movement analyses; explorations of the physical demands of performance; practical applications of movement vocabulary to aid the actor's search for believability. Students will explore the styles of Pantomime, Mask, and Theatrical Clowning. Prerequisite: TH 0242.	D - Demand
TH	0304	Stage Combat II	C1	3.00		Reinforces the basic principles of stage combat safety, technique and performance that have been learned at Level 1, and transfer them to three new weapon systems, introducing the student a broader range of performance styles and techniques. Weapon systems include Medieval Longsword, Quarterstaff and Rapier & Cloak. Students will also be offered the opportunity to test with the British Academy of Dramatic Arts (BADC) or the Academy of Performance Combat (APC) for international weapon certifications. Prerequisite: TH 0240.	D - Demand
TH	0305	Advanced Applied Performance: Acting	C1	1.00	6.00	One-on-one applied lessons in acting focus on the individual performer from the standpoints of technique, literature, movement, voice, and performance. Students will develop personalized creative processes through monologues, scene work, poetry, prose, and exercises in observational awareness that will help them to create a believable character for the stage and screen. Solo and ensemble performances are required at weekly Studio Hour, and Performance and Recital Attendance for Theatre Majors. Co-Requisite: TH 306 Advanced Production Practicum.	

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
TH	0306	Advanced Production Practicum	C1	1.00	6.00	Practical participation in productions serving either in the role of actor, designer, stage manager/director, technical (light & sound) directors, & Pitt Orchestra Musicians under the supervision of faculty. A student may accumulate up to 16 hours of credit. Credit is applied for after production closes. All majors are expected, as a part of their degree program, are to serve in the aforementioned capacities each year (BM Musical Theatre), and each semester (BFA and BS Theatre), and for 2 semesters for the Certificate in Music: Pit Orchestra Musician.	F - Fall S - Spring SU - Summer
TH	0310	Equity, Diversity, Inclusion, and Representation in the Performing Arts	C1	3.00		Participants will examine organizational and professional access and equity in the contexts of culture, ethnicity, race, sexual orientation, ability, and gender—viewing these contexts through connections among divisions of labor, class structures, power relationships, group marginalization, cultural images, residential patterns, health, family life, employment, education, and values. In addition to the challenges related to diversity, participants will also explore aspects of diversity as potential assets in creating rich and productive professional environments. Students will then apply the knowledge they gain from these explorations to the framing, analysis, and generation of solutions to problems in the contemporary performing arts. Prerequisite: none	F - Fall
TH	0311	Stage Management	C1	2.00		Fundamentals of stage management. Organization of call board, rehearsals, and performances. Construction of prompt book. Communication procedures between actors, director, and designers. Calling the show.	D - Demand FE - Fall-Even
TH	0312	Black and African American Theatre, Dance, Music, and Performance	C1	3.00		Explores movements in theatre, dance, music, and performances of the African Diaspora, examining historical theater movements within specific social, political, and cultural contexts. Possible specific traditions include African traditional, colonial, and postcolonial performance; African American theatre, dance, music, and performances; and Afro Caribbean theatre, dance, music, and performances. The course will explore the significance of performances as part of a movement, how "community" is defined and created, and the role of race in American or global performance history. Readings will include manifestos, plays, critical analyses, and historical and contextual documents. Artists covered might include August Wilson, Adrienne Kennedy, Suzan Lori Parks, Anna Deveare Smith, Amiri Baraka, Derek Wallcott, Terrell Alvin McCraney, Brian Jacobs Jenkins, Aime Cesaire, Wole Soyinka, Ngugi wa Thiongo, and Carlyle Brown. Prerequisite: none.	D - Demand
TH	0313	LGBTQ+ Theatre, Dance, Music, and Performance	C1	3.00		Explores movements in theater of the LGBTQ+ community, examining historical movements within specific social, political, and cultural contexts. The course will explore the significance of theatre, dance, music, and performance as part of a movement, how "community" is defined and created, and the role of race, gender, and sexuality in American and global theater history. Prerequisite: none	D - Demand
TH	0314	Latinx Theatre, Dance, Music, and Performance	C1	3.00		Explores movements in theater, dance, music, and the performances of the Latinx community, examining historical movements within specific social, political, and cultural contexts. The course will explore the significance of theatre, dance, music, and performance as part of a movement, how "community" is defined and created, and the role of race in American or global history. Explores the range and genealogy of Latinx theatre and performance from its origins in the last fifty years to the present. An inquiry into the innovations, traditions, and conventions made by Latinx artists. Time period ranging from the 20th Century to contemporary theatre, this course will look at artists and productions created by Latinx artists and how they have influenced culture. The course will also examine theories and histories arising from the formation of multicultural (Latinx, Chicano, Puerto Rican, Nuyrican, Caribbean, Afro Latinx, Etc, Etc) identities in the Americas. Prerequisite: none.	D - Demand
TH	0320	Lighting Design	C1	3.00		Lighting design approached artistically. The use of lighting for atmosphere, mood, and emphasis. Lighting as applied to art, television, theatre, and motion pictures.	D - Demand SO - Spring-Odd
TH	0331	Theatre History and Literature I	C1	3.00		Theatre from ancient origins through the Elizabethan period. Theatre and stage architecture, scene design, acting styles, theatre management, and the culture surrounding the theatrical event will be addresses with analysis of their relationship to dramatic literature.	FO - Fall-Odd
TH	0332	Theatre History and Literature II	C1	3.00		The cultural background and evolution of the theatrical literature, physical theatre, staging, casting, audiences, and production practices from the Jacobean period to the present day.	SE - Spring-Even
TH	0340	Acting Styles	C1	3.00		An exploration of the acting styles and related social conventions in major eras throughout history. Covers the history, background, and various acting styles of period dramas from the Greeks through the Comedy of Manners. Students rehearse and perform the various scenes in class. Prerequisite: TH 0341.	F - Fall
TH	0341	Acting II	C1	3.00		The dynamics of analysis, rehearsal, and performance of scenes from contemporary and classic plays. Emphasis on the actor's relationship to the play and to other actors. Prerequisite: TH 241.	FE - Fall-Even S - Spring
TH	0342	Acting for the Camera	C1	3.00		Defines the differences between film, television and stage acting, as well as other aspects of the business of acting. Working with scene partners, you will be given scenes from film and television to rehearse and perform. Students will learn camera acting techniques by being in front of the camera as much as possible. Students will "crew" scenes their classmates are acting in. Shooting on-camera work is time consuming. The class will include extensive scene memorization, class discussions, performance critique writing, and journal self-assessment writing. Prerequisite: TH 0241.	F - Fall
TH	0351	Stage Directing	C1	2.00		A comprehensive study of various problems confronting a stage director. Techniques and procedures for play selection, analysis, and mounting a production. Scene directing.	F - Fall FE - Fall-Even
TH	0361	History of Costume	C1	3.00		Survey of the garments and fabrics worn in Western cultures from Ancient Greece through the 19th Century. (Recommended for Stage Costume Design.)	FE - Fall-Even
TH	0362	Stage Costume Design	C1	3.00		Theory and practical aspects of costume design. Emphasis on nonverbal communication of theme, character, and historical period through rendered costume designs. Prerequisite: TH 234.	SE - Spring-Even

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
TH	0363	Costume History II	C1	3.00		A service learning course. Hands-on analysis and preservation of clothing worn, in the US, during the 19th and 20th centuries. Four hours per week will be spent at the Dorothea B. Hoover museum in Joplin. Prerequisite: Instructor's approval.	FO - Fall-Odd
TH	0365	Costume Construction Technique	C1	3.00		Provides students with advanced practical knowledge of costume construction techniques for application to real theatre productions. It places emphasis on both hand-sewing and machine-sewing techniques, skills that have practical application for personal clothing sewing and alteration for self or business purposes, fashion, and for other areas of costuming such as cosplay. Prerequisite: TH 0232.	F - Fall
TH	0367	Draping/Flat Pattern	C1	3.00		Introduction to theories and methods used to solve problems in designing clothing for a variety of international user groups including fashion and theatrical. Develop an understanding of the relationship of the 2-dimensional pattern shape to the 3-dimensional body. Introduction to basic drafting, flat pattern, and draping. Prerequisite: TH 0362.	S - Spring
TH	0368	Period Styles	C1	3.00		A survey of architectural elements, furnishings, and decorative motifs useful to theatre designers: prehistoric through modern including international styles. This course is a visual survey of the major "periods" of architecture, furnishings, decorative motifs, and ornamentation. The purpose of this class is to assist students in theatre, fashion, and art in developing an understanding of visual history. This will establish for them a common historic framework from which to build their visual knowledge base and provide for them a means to accurately articulate their visual ideas, needs, and inspirations using correct historic references and terminologies. Prerequisite: TH 0234.	S - Spring
TH	0370	Accessory Design	C1	3.00		In this introductory studio course students will receive an overview of the fundamentals of creative accessory design in costume and a fashion product context, focusing on key historical and contemporary methods, materials, and processes. Students will build on their personal design philosophies, applied through design research methods and tools used in realizing studio projects. Students will analyze and discuss their design process and its outcomes in the context of a market they identify. For example, students will assess their designs for environmental and social impacts within the context of global commerce and manufacturing. Students will engage in several design projects, underpinned by thorough systems, contextual, and concept research. Prerequisite: TH 0362.	F - Fall
TH	0380	Applied Theatre	C1	3.00		Focuses on applied theatre, theatre that occurs in "non-traditional settings and/or with marginalized communities" to directly intervene in issues of concern to community members. This course interrogates pointed questions about theatre and aesthetics in educational and applied settings through examination of the power and efficacy of theatre practices in a wide range of venues. Students will develop and collaboratively explore a broad vocabulary of theatrical skills (physical theatre, mask and puppetry work and Theatre of the Oppressed) for exploration in formal and informal contexts. We will examine how issues of performance relate to discussions in the fields of history, sociology, critical theory and education. Students will read widely, engage in theory through practice, and reflect on their evolving understandings of the art form, theatre pedagogy, and theatre as a tool for community-based work. Prerequisite: TH 0141.	D - Demand
TH	0382	Sound Design	C1	3.00		Sound design approached artistically and practically. The use of sound effects and music for atmosphere, mood, and emphasis. The research, recording, and playback methods of sound effects and music. Types of setup and the equipment used for sound as applied to theatre and live concerts. Prerequisite: TH 142.	D - Demand SE - Spring-Even
TH	0389	Junior Project	C1	1.00		A theatrical project designed in conjunction with the faculty that allows a student to demonstrate mastery of theatrical skills. The type, scope and scale of the project to be determined by a committee of the Theatre faculty. Written documentation of the project is required.	F - Fall S - Spring SU - Summer
TH	0401	Theatre Performance	C1	1.00		The performance of a role, service as a designer, or stage manager which has met departmental standards on a major production. A student may accumulate up to 8 hours of credit. Credit is applied for after production closes. Credit applies only to accumulative graduation hours.	F - Fall S - Spring SU - Summer
TH	0403	Theatre Movement III	C1	3.00		Focuses on the physical relationship between the actor and the stage through exercises in Viewpoints. Students will develop an understanding of the techniques associated with intimacy and consent on stage, in order to create a safe and respectable work environment in the rehearsal process, as students work towards becoming movement choreographers. Prerequisite: TH 0303.	D - Demand
TH	0404	Stage Combat III	C1	3.00		Reinforces the basic principles of stage combat safety, technique and performance that have been learned at Level 1 & 2, and transfer them to new weapon systems, introducing the student a broader range of performance styles and techniques. Weapon systems include Eighteenth Century Smallsword, Sword & Shield, Advanced Knife, Military Sabre, and Advanced Unarmed. Students will also be offered the opportunity to test with the British Academy of Dramatic Arts (BADC) or the Academy of Performance Combat (APC) for international weapon certifications. Prerequisite: TH 0304.	D - Demand
TH	0410	Dramaturgy	C1	3.00		Dramaturgy is the art of writing and producing plays. This course offers instruction in the practice and application of dramatic theory and criticism. The dramaturg serves as the production's resident scholar; assisting the director and the cast with the interpretation and expression of the text, and researching the context of the play to discover details that contribute to a consistent and compelling theatrical illusion. The role of the dramaturg has evolved in recent decades so, with an eye toward preparing students for the contemporary functions of a dramaturg, dramatic theory will be augmented by practice in textual analysis, research, and interpersonal communication. Prerequisite: TH 0351.	D - Demand

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
TH	0411	Theatre for Social Change	C1	3.00		Designed to lead students through a process of creating social change around issues pertinent to their own lives through various forms of performative activism. Through classroom and community presentations utilizing interactive theatre we will focus on student leadership, and address issues of power, privilege, social identity and structures of oppression. We will discuss relevant reading material about these issues in our social history and we will explore our own and other's experiences in a variety of social and institutional contexts. In-class, we will introduce tools for creative and non-violent action for social change, beginning with community building, intergroup dialogue, and oppression awareness activities. These will coincide with course readings and assignments designed to provide students with an Institutional Oppression analysis. Coursework consists of readings and performance viewings spanning artists including Bertolt Brecht, Augusto Boal, and Anna Deveare Smith. Students will also develop expressive skills through theatre activities helping them become more comfortable performing onstage and improvising in life. Outside class assignments will include readings, journaling, and group work. Prerequisite: TH 0351.	D - Demand
TH	0416	Jazz II	C1	2.00		Continues the study of Jazz dance technique. In each class, students participate in conditioning, movement exercises, and dance phrases designed to increase knowledge and improve execution of Jazz dance steps. Prerequisite: TH 0216 Jazz I.	F - Fall
TH	0422	Acting III	C1	3.00		Study and presentation of selected historic performance styles, with particular attention to physical manners and speech. Emphasis on Shakespearean language and performance, farce, and social comedy. Prerequisite: TH 341.	SO - Spring-Odd
TH	0423	Acting IV	C1	3.00		This course involves the analysis, rehearsal, and performance of scenes from plays from the late nineteenth through mid twentieth century that are classified as Modern Realism. These range from works by Henrik Ibsen and Anton Chekhov to the plays of Arthur Miller and Tennessee Williams. This course builds upon the foundation laid in Acting I and II with emphasis on the personalization of the characters' experience and the discovery and playing of the characters' psychological condition. Prerequisite: TH 341 Acting II.	S - Spring
TH	0431	Creative Dramatics	C1	3.00		Methods and techniques of teaching dramatic improvisations for young people through the exploration of various art forms appropriate for dramatic presentation with an emphasis on storytelling.	SO - Spring-Odd
TH	0441	Stage Design	C1	3.00		Scene design approached artistically. Focus on nonverbal communication between directors, designers, technicians, and audience members. Rendering techniques and period research will be addressed. Prerequisites TH 142 and TH 234.	D - Demand FO - Fall-Odd
TH	0442	Business for Performing Artist	C1	1.00		Focuses on the business side of the performing arts. Students will learn how to prepare a resume, headshot, and portfolio of their work. Students will gain an understanding of industry specific unions and working expectations. Prerequisite: TH 0110	
TH	0460	Principles of Arts Management and Administration	C1	3.00		This course will introduce students to the practical skills required for the successful management of not-for-profit visual and performing arts organizations. Topics covered include the evolution of the field, economic impact, audience development, the internal culture and structure, external influences, leadership, governance, planning, human resources, marketing/publicity, fundraising, financial management, and issues associated with nonprofit organizations. Students will be introduced to a wide range of arts organizations, working arts managers, and institutional models. In addition to understanding the organizational structures and functions of an arts organization, students will have begun to develop a philosophy of management in the arts, a theoretical model for general management, and practical tools for its practice. Prerequisite: This course is intended for students pursuing a certificate in Arts Administration. Others may enroll with approval from the instructor.	D - Demand
TH	0465	Marketing Arts, Culture, and Entertainment	C1	1.00		Marketing the Arts, Culture and Entertainment (ACE) encompasses a focus on both for and not for profit organizations. ACE covers the diverse fields of commercial entertainment and visual arts, not for profit performing and visual arts as well as service and trade-related organizations in the cultural arts realm. Prerequisite: MRKT 0300.	S - Spring
TH	0470	Producing Film and Theatre	C1	1.00		This is a specialized course designed to provide students with a framework for understanding the dynamics of producing – as an art form and a business profession. The course will describe and explain the roles, function and skills required to produce a film or theatre, from initial idea all the way through to a finished product. The emphasis will be on the realities of producing in our current market, economy, and cultural landscape. While also asking what makes a project viable and successful in an ever-changing world. Prerequisite: ACCT 201.	F - Fall
TH	0480	Devised Theatre	C1	3.00		Students will collaborate as a theatre company to create an original production that integrates several of the following areas: improvisation, playwriting, acting, directing, dramaturgy, design, technical production, and stage management. Collaboration of group project approved in advance with advice, approval, and supervision by instructor. Prerequisite: TH 0380.	D - Demand
TH	0489	Senior Project	C1	1.00		Prepares Senior Theatre Majors for their senior project which is normally presented in the Spring of their Senior year. Topics selected by the student in agreement with their mentor are intended to be a capstone to the focus of their studies over the previous three years. They range from performance to directing to assembling a design portfolio and must include development of a professional resume and website. Prerequisites: Senior standing and permission of instructor.	F - Fall

Subj	Crse#	Title	College	Cr Hr Low	Cr Hr High	DESCRIPTION	Term Offered
TH	0490	Senior Project II	C1	1.00		Prepares Senior Theatre Majors for their senior project which is normally presented in the Spring of their Senior year. Topics selected by the student in agreement with their mentor are intended to be a capstone to the focus of their studies over the previous three years. They range from performance to directing to assembling a design portfolio and must include development of a professional resume and website. Prerequisite: TH 489.	S - Spring
TH	0491	Internship in Theatre	C1	1.00	3.00	Internship in Theatre provides selected students on-the-job training and experience. The student is supervised and evaluated by theatre faculty and by the supervisor at the facility where the student works. May be repeated three times.	D - Demand
TH	0492	Senior Jury/Capstone	C1	2.00		Senior Theatre Majors present their Jury / Capstone project. Topics were selected by the student in agreement with their mentor, and with the approval of the Department Chair, during the previous semester. They range from performance to directing to assembling a design portfolio. The student should have already developed a professional resume and website. Senior Juries / Capstones will make up 100% of this grade. Prerequisites: Senior standing and permission of Department Chair.	S - Spring
TH	0495	Exit Interview	C1	0.00		This course is in direct support of the certificate in Arts Management and Leadership. This course is designed as a reflection of work done during the student's time in their respective internship. Students will meet with their certificate advisor and review the internship survey completed by their employer and review relevant course materials and grades. Prerequisites: TH 0460.	D - Demand
TH	0498	Topics in Theatre	C1	1.00	8.00	Special topics in Theatre for upper level students.	D - Demand
TH	0499	Independent Study in Theatre	C1	1.00	3.00	Structured by the adviser with approval of department head. Prerequisite: Advanced standing in major field with GPA of 3.0. Enrollment must be approved by adviser, department head, and school dean.	F - Fall S - Spring
UE	0100	The University Experience	MI	1.00		UE 100 is required for all degree-seeking students having completed fewer than 30 credit hours. UE 100 is a fundamentals course designed to assist first-year students in successfully defining themselves both as active participants in the MSSU community and as citizens of a twenty-first century global community. The course offers information on university personnel, services, facilities, policies, study skills, and MSSU's international programs and international study opportunities. Student participation in co-curricular activities is required.	F - Fall S - Spring SU - Summer
UE	0105	Career Exploration & Planning	MI	2.00		Designed to assist students in the career planning process. The primary objective of this course is for students to learn and practice systematic approaches to career planning and professional job search documentation and preparation. Students will go on a personal career exploratory journey, completing multiple career related assessments to identify their personality, interests, values, work skills, and decision-making skills, and how determine how these align with a chosen major or career. Students will explore multiple majors and career paths. The course is recommended for all undecided majors and open to any students.	F - Fall S - Spring SU - Summer
UE	0115	CAPS Human Services Industry Partner Experience	MI	1.00		Introduces Missouri Southern CAPS students to human services careers and the role of a human service professional. The Human Service Industry Partner Experience is a course which will help the student discern their interest in the human services profession and guide them towards the right specialty. The first few weeks establishes a base of understanding specific industry standards and procedures and basic terminology related to the field. Professional skills will be introduced throughout the semester. The remainder of the semester is spent observing and working alongside professionals in a variety of work settings.	
UE	0150	College Academic Skills	MI	2.00		Designed to develop and strengthen an understanding of student responsibility, goals and attitudes necessary for the successful transition from secondary school to college. Active learning through critical thinking, reading and writing to support academic success at the University level will be practiced. Students will identify learning styles and strengths and weaknesses associated with their learning processes. This class is designed for students who have an ACT composite score of 17 or below or no ACT score.	D - Demand F - Fall S - Spring
UE	0200	Leadership and Professional Development	MI	2.00		This course is organized into two segments: leadership development and professional development. The leadership development segment of this course focuses on identification of various types of leadership skills and the role of leaders in the workplace. The professional development segment of this course focuses on determining short and long-standing career goals, the basics of the job search, and improving on-the-job communication skills (verbal and non-verbal). Prerequisite: Sophomore standing with a declared major and an active Project Stay participant.	S - Spring
UE	0205	Tutor Training	MI	1.00		A course designed to provide students hired as tutors with an educational foundation of the methods and techniques needed to tutor students in a higher education setting.	F - Fall S - Spring
UE	0400	Leadership Training I	MI	1.00		Leadership Training I is a semester-long, one-credit hour course designed to prepare students to serve as course assistants for the UE 100 course. In Leadership Training I, students develop familiarity with issues, materials, resources, and methods relevant to assist them in mentoring first-year students enrolled in UE 100. UE 400 may be repeated for credit.	S - Spring
UE	0401	Leadership Training II	MI	2.00		Leadership Training II is a semester-long, two-credit hour course for students who serve as course assistants for the UE 100 course. Students will receive credit for Leadership Training II for successfully assisting an instructor in teaching a UE 100 class. UE 401 may be repeated for credit. Successful completion of the course entitles a course assistant to a cash stipend. Prerequisite: UE 400.	F - Fall S - Spring SU - Summer
UE	0491	Internship	MI	3.00	9.00	Students will serve in an internship capacity at Walt Disney World in Orlando, Florida. Students will live in Disney housing and participate in a full-time work experience in various roles identified by Walt Disney World. Prerequisites: Junior standing at time of internship participation, a 2.5 cumulative GPA, have unrestricted work authorization in the United States, be at least 18 years of age, and approval of Disney Internship Director.	D - Demand

Academic Programs 2023-2024

Curriculum for General Education

- Associate Degree Requirements
- Baccalaureate Degree Gen Ed Core 42 Requirements

Associate Degree Programs

- CIS Major, Information Systems, AS, CI07
- Dental Hygiene Major, AS, DH00
- Law Enforcement Major (Option A), AS, LE00
- Law Enforcement Major (Option B) Basic Law Enforcement Academy, AS, LE01
- Manufacturing Engineering Technology Major, AS, IE02
- Radiologic Technology Major, AS, RA01
- Respiratory Care Major, AS, RE00

Major Programs (Undergraduate)

- *NEW Nursing RN to BSN, NU02
- *NEW Theatre Major, Theatre Industry, BS, TH10
- Accounting Emphasis, BS in Business Administration, AC00
- Applied Science Major, BAS, BASO
- Art Education Major, Grades K-12, BSE, ES08
- Art Major, Design, BFA, AR03
- Art Major, Studio Art, BFA, AR02
- Art Major, Visual Art, BA, AR01
- Biology Education Major, Grades 9-12, BSE, ES09
- Biology Major, Biotech Micro Gen, BS, BI01
- Biology Major, Ecol Marine Cons, BS, BI02
- Biology Major, General Biology, BS, BI04
- Biology Major, Phys/Occup Thpy BS, BI05
- Biomedical Sciences Major, BS, Biology, Multiple Options BI12-BI16
- BioMedical Sciences MKEAP Major, BS, BI21
- Business Education Major, Grades 9-12, BSE, ES10
- Business Emphasis Bachelor of General Studies, BGS, GB02
- Chemistry Education Major, Grades 9-12, BSE, ES04
- Chemistry Major, BA, CH01
- Chemistry Major, Biochemistry Emphasis, BS, CH03-07
- Chemistry Major, Biochemistry MKEAP, BS, CH10
- Chemistry Major, Biochemistry, BS CH02
- Chemistry Major, Forensic Science Emphasis, BS, CH08
- Chemistry Major, Health Professional Emphasis, BS, CH09
- Chemistry Major, Professional Emphasis, BS, CH00
- CIS Major, Information Technology Option, BS CI12, Certificate in Continuous Process Improvement, IE86
- CIS Major, Information Technology Option, BS, CI04
- CIS/Criminal Justice Administration Major, Computer Forensics Option, BS, CI05
- CIS/Mathematics Major, Computational Math Option, BS, CI02
- Communication Major, Mass Communication, BA, CO02
- Communication Major, Mass Communication, BS, CO06
- Communication Major, Public Relations, BA, CO00
- Communication Major, Public Relations, BS, CO05
- Criminal Justice Major, BS, CJ01
- Criminal Justice/CIS Major, Computer Forensics Option, BS, CJ00
- Elementary Education Major, Early Childhood Education (B-3), BSE, EE01
- Elementary Education Major, Grades 1-6, BSE, EE14
- Elementary Education Major, Grades 1-6, English Language Learner (ELL) K-12, BSE, EE04
- Elementary Education Major, Special Education Major, K-12, BSE, EE03
- English Education Major, Grades 5-9, BSE, EM22

- English Education Major, Grades 9-12, BSE, ES12
- English Major, Literary Studies Emphasis, BA, EN03
- English Major, Literary Studies Emphasis, BS, EN05
- English Major, Professional/Technical Writing Emphasis, BA, EN04
- English Major, Professional/Technical Writing Emphasis, BS, EN06
- Entrepreneurship Major, BS, MM05
- Environmental Health and Safety, BAS1, BAS2
- Environmental Health and Safety Major, BS, EH02
- Environmental Health and Safety Major, BS, EH04 Distance Learning Track
- Exercise Science Major, Kinesiology, BS, KI02
- Finance Emphasis, BS in Business Administration, FN10
- General Business Emphasis, BS in Business Administration, GB00
- General Studies, BGS, BG00
- Health Science Major, Dental Hygiene Option, BS, HS01
- Health Science Major, Paramedic Option, BS, HS06
- Health Science Major, Radiologic Technology Option, BS, HS02
- Health Science Major, Respiratory Care Option, BS, HS03
- Healthcare Administration, BS, HA00
- History Major, BA, HI00
- History Major, BS, HI01
- Human Resources Management Emphasis, BS in Business Administration, MM04
- Industrial Engineering Technology Major, BS, IE00
- International & Political Affairs General Emphasis, BS, IP10
- International & Political Affairs Social Science Education Emphasis, BS, IP09
- International & Political Affairs, IPA, BA, Global Cultural Emphasis, IP04
- International & Political Affairs, IPA, BA, International Relations Emphasis, IP00
- International & Political Affairs, IPA, BA, Political Science Emphasis, IP01
- International & Political Affairs, IPA, BS, International Relations Emphasis, IP05
- International & Political Affairs, IPA, BS, Political Science Emphasis, IP06
- International Business Emphasis, BS in Business Administration, IB00
- Management Emphasis, BS in Business Administration, MM00
- Marketing Emphasis, BS in Business Administration, MM03
- Mathematics Education Major, Grades 5-9, BSE, EM21
- Mathematics Education Major, Grades 9-12, BSE, ES15
- Mathematics, BS, MA00
- Mathematics/CIS Major, Computational Mathematics Option, BS, MA01
- Medical Laboratory Science, BS, ML00
- Music Education Instrumental, Grades K-12, BME, ES25
- Music Education Vocal, Grades K-12, BME, ES24
- Music Major, BA, MU00
- Music Major, Electives Outside Field, BM, MU09
- Music Major, Instrumental Performance, BM, MU06
- Music Major, Keyboard Performance, BM, MU07
- Music Major, Music Industry, BS, MU10
- Music Major, Musical Theatre, BM, MU05
- Music Major, Vocal Performance, BM, MU08
- Nursing, BS, NU00
- Physical Education Major, Grades K-12, BSE, ES06
- Psychology Major, BA, PY01
- Psychology Major, BS, PY00
- Science Education Major, Grades 5-9, BSE, EM23
- Social Science Education Major Option 1, Grades 9-12, BSE, ES26
- Social Science Education Major Option 2, Grades 9-12, BSE, ES27
- Social Studies Education Major, Grades 5-9, BSE, EM24
- Social Work Major, BSW, SW01
- Sociology Major, BA, SO00

- Sociology Major, BS, SO01
- Spanish Concentration Major, Modern Language, BA, FL02
- Spanish Education Major, Grades K-12, BSE, ES20
- Sport & Recreation Management, Business Emphasis, BS, KI04
- Sport & Recreation Management, Kinesiology Emphasis, BS, KI03
- Theatre Major, BA, TH00
- Theatre Major, Theatre Performance, BFA, TH07
- Theatre/Speech Education Major, Grades 9-12, BSE, ES21

Certificates (Undergraduate)

- *NEW Behavioral Neuroscience Certificate, Psychology, PY95
- *NEW Cultural Anthropology Certificate, SO94
- *NEW Global Black Studies Certificate, SO93
- *NEW Spanish for the Professions Certificate, ML86
- Advanced EMT Certificate, PA82
- American Studies Certificate, SO92
- App Development Certificate, CI90
- Applied Behavior Analysis Certificate, Psychology, PY93
- Autism Spectrum Disorder Certificate, PY92
- Automation Certificate, Engineering Technology, IE88
- Campaigns & Elections Certificate, IPA, PS93
- Chemical Laboratory Sciences Certificate, CH90
- Clinical and Counseling Psychology Certificate, PY94
- Coaching Certificate, Kinesiology, KI90
- Community Health Certificate, Kinesiology, KI94
- Conservation Management Certificate, CJ97
- Continuous Process Improvement Certificate, IE86
- Corrections Certificate, Criminal Justice, CJ92
- Costume Technology Certificate, Theatre, TH92
- Creative Writing Certificate, EN90
- Crime Scene Investigations Certificate, Criminal Justice, CJ94
- Criminal Investigation Certificate, Criminal Justice, CJ91
- Criminal Law Certificate, Criminal Justice, CJ95
- Developmental Psychology Certificate, PY90
- Digital Marketing Communication Certificate, CO91
- Emergency Medical Technician Certificate, PA80
- Environmental Health and Safety General Awareness Certificate, Environmental Health, EH84
- Environmental Occupational Health & Safety Certificate, Environmental Health, EH87
- Environmental Protection Certificate, Environmental Health, EH85
- Environmental Public Health Certificate, Environmental Health, EH86
- European Studies Certificate, HI92
- Firefighter, Certificate, PA91
- Gender Studies Certificate, IPA, SO90
- Global Citizenship Certificate, IP90
- Hazardous Material Management, EH88
- Healthcare Business Certificate, HA90
- Homeland Security Certificate, Criminal Justice, CJ96
- Honors Interdisciplinary Studies Certificate, HN90
- Illustration Certificate, Art Department, AR90
- Information Assurance & Security Certificate, CI92
- Integrated Marketing Communications/Public Relations Certificate, CO92
- Interdisciplinary Photography Certificate, Art, AR92
- International Politics & Diplomacy Certificate, Social Science, PS90
- Juvenile Justice Certificate, Criminal Justice, CJ93
- Latin American Studies Certificate, History, HI90
- Legal Studies Certificate, IPA, PS92

- Linguistics Certificate, ML90
- Math Tutor Level I Certificate, MA90
- Math Tutor Level II Certificate, MA91
- Medical Interpretation (Spanish/English) Certificate, FL86
- Music Industry Certificate, MU94
- Music Instruction Certificate, MU92
- Music: Conducting Certificate, MU91
- Music: Ensemble Performance Certificate, MU93
- Music: Jazz Studies Certificate, MU90
- Music: Pit Orchestra Performance Certificate, MU97
- Musical Theatre Certificate, Music, MU96
- New Media Certificate, Art, AR93
- Nutrition Certificate, KI93
- Paramedic Certificate, PA81
- Peace Officer Training Certificate, LE81
- Physics Tutor Level I Certificate, PH91
- Physics Tutor Level II Certificate, PH92
- Policing Certificate, Criminal Justice, CJ90
- Political Communication Certificate, PS94
- Professional Communication Certificate, CO90
- Professional Writing Certificate, EN91
- Public Administration & Urban Planning Certificate, IPA, PS91
- Public/Applied History Certificate, HI91
- Publication Design Certificate, Art Department, AR91
- Rehabilitation Science Certificate, KI95
- Six Sigma Black Belt Certificate, Engineering Technology, SS81
- Six Sigma Green Belt Certificate, Engineering Technology, SS80
- Social Institutions Certificate, SO91
- Spanish Certificate in Language Competence, ML85
- Stakeholder Engagement Certificate, Communications, CO93
- Teaching English as a Foreign Language, Certificate, IS90
- Theatre Directing Certificate, TH94
- Theatre: Arts Administration & Leadership Certificate, TH95
- Theatre: Theatre Industry Certificate, TH74
- Theatre: Theatre Instruction Certificate, Theatre, TH73
- Unmanned Aircraft Systems (Drone) Certificate, Biology, BI90
- Website Administration Certificate, CI91

Graduate Programs

- *NEW Data Analytics Master of Science, GR20
- *NEW Healthcare Administration, MS, GR19
- Education, Administration, MEd, GR13
- Education, Curriculum and Instruction, MEd, GR08
- Human Resources Emphasis, Master of Science in Management, MSM, GR11
- Justice Studies, MS, GR16
- Management Emphasis, Master of Science in Management, MSM, GR12
- Management Master of Science
- Teaching, Master of Arts, GR17

Certificates (Graduate)

- *NEW Business Analytics Graduate Certificate, GMM1
- *NEW Digital Course Design & Delivery Graduate Certificate, Teacher Education, GTE1
- *NEW Teacher Leadership Graduate Certificate, GTE0
- Human Resources Management Certificate, GMM0
- Music: Applied Pedagogy Graduate Certificate, GMU1
- Music: Ensemble Pedagogy Graduate Certificate, GMU0

- Post-Baccalaureate Studies in Art Certificate, GAR0

Minors (Undergraduate)

- Accounting Minor, BSBA Degree Candidates, AC81
- Accounting Minor, Non-BSBA Degree Candidates, AC80
- Advanced Power Minor (Physics/Chemistry), PH81
- Anthropology Minor, Cultural Anthropology, SO84
- Art Minor, Art History, AR82
- Art Minor, Design, AR81
- Art Minor, Studio Art, AR80
- Biology Minor, BI80
- CIS Minor, Information Assurance & Security, CI84
- CIS Minor, Information Systems, CI80
- CIS Minor, Network Systems Administration, CI82
- CIS Minor, Website Administration, CI83
- Communication Minor, Mass Communication, CO80
- Communication Minor, Multimedia: Communication Emphasis, MM84
- Communication Minor, Public Relations, CO81
- Communication Minor, Speech, CO82
- Criminal Justice Minor, CJ82
- Criminal Justice Minor, Corrections, CJ80
- Criminal Justice Minor, Juvenile Justice, CJ83
- CSI (Crime Scene Investigation) Minor, CJ81
- Economics Minor, BSBA Degree Candidates, EC85
- Economics Minor, Non-BSBA Degree Candidates, EC86
- English Minor, Creative Writing, EN82
- English Minor, Literature Emphasis, EN80
- English Minor, Writing Emphasis, EN81
- Entrepreneurship Minor, MM88
- Finance Minor (BSBA Degree Candidates), FN85
- Finance Minor (Non-BSBA Degree Candidates), FN86
- General Business Minor (Non-BSBA Degree Candidates), GB80
- Geography Minor, GE80
- Geology Minor, GE84
- History Minor, American Studies, HI81
- History Minor, HI80
- Human Resource Management Minor, MM81
- International Business Minor, IB80
- Legal Studies Minor, PS83
- Management Minor, MM82
- Marketing Minor, MM83
- Mathematics Minor, MA80
- Military Science Minor, MS80
- Multimedia Minor, MM84
- Music Minor, MU80
- Philosophy Minor, PI80
- Physics Minor, PH80
- Political Science Minor, International Politics, PS82
- Political Science Minor, PS80
- Psychology Minor, PY80
- Quality Management Minor, MM85
- Sociology Minor, SO82
- Theatre Minor, TH80

BACCALAUREATE DEGREE: General Education CORE 42 Curriculum Requirements

1. SOCIAL AND BEHAVIORAL SCIENCES

9 HOURS

1A. SOCIAL SCIENCE: SELECT TWO

6 HOURS

ANTH 101	General Anthropology (ANTH 101)	3 Hours
CJ 100	Introduction to Criminal Justice (CRJS 101)	3 Hours
ECON 101	Economics Social Issues (ECON 100)	3 Hours
ECON 201	Principles of Econ Macro (ECON 101)	3 Hours
ECON 202	Principles of Econ Micro (ECON 102)	3 Hours
GEOG 111	World Regional Geography (GEOG 101)	3 Hours
GEOG/PSC 257	Intro to Urban Studies (URBN 202)	3 Hours
HIST 180	Modern Global History 1450-Present (HIST 202)	3 Hours
SOC/PSC 204	Intro to Studies of Race and Ethnicity (SOCI 202)	3 Hours
PSC 122	Intro to International Relations (POSC 201)	3 Hours
PSC 130	Intro to Comparative Politics (POSC 202)	3 Hours
PSY 100	General Psychology (PSYC 100)	3 Hours
SOC 110	Introduction to Sociology (SOCI 101)	3 Hours
SOC 210	Social Problems (SOCI 201)	3 Hours

1B. CIVICS: SELECT ONE

3 HOURS

HIST 110	U.S. History 1492-1877 (HIST 101)	3 Hours
HIST 120	U.S. History 1877-Present (HIST 102)	3 Hours
HIST 210	Intro to African-American History I (HIST 101AA)	3 Hours
HIST 220	Intro to African-American History II (HIST 102AA)	3 Hours
PSC 120	American Government (POSC 101)	3 Hours

2. COMMUNICATION

9 HOURS

2A. WRITTEN COMMUNICATION: SELECT TWO

6 HOURS

ENG 101	College Composition I (ENGL 100)	3 Hours
ENG 102	College Composition II (ENGL 200)	3 Hours
ENG 111	Adv. College Composition (Honors)	3 Hours

2B. ORAL COMMUNICATION: SELECT ONE

3 HOURS

COMM 100	Oral Communications (COMM 110)	3 Hours
COMM 101	Intro to Human Communication (COMM 100)	3 Hours
TH 220	Professional Interaction (COMM 125)	3 Hours

3. NATURAL SCIENCES (Minimum 1 course with a lab) 7 HOURS

Two Different MOTR disciplines (ASTR, BIOL, CHEM, GEOG, GEOL, LIFS, PHYS)

Non-Lab Courses: SELECT ONE

3 HOURS

BIO 102	General Biology (BIOL 100)	3 Hours
CHEM 110	Chemistry and Society (CHEM 100)	3 Hours
EH 107	Environmental Science (PHYS 110EV)	3 Hours
GEOG 120	Introduction to Physical Geography (GEOG 100)	3 Hours
PHYS 120	Fund of Physical Science (PHYS 110)	3 Hours

Courses with Labs: SELECT ONE OR TWO

4 HOURS

BIO 101	General Biology/Lab (BIOL 100L)	4 Hours
BIO 108	Principles of Biology I (BIOL 150)	3 Hours
BIO 109	Principles of Biology I Lab (w/108 BIOL 150L)	1 Hour
BIO 121	Human Anatomy & Physiology I/Lab (LIFS 150LAP)	4 Hours
BIO 180	Essential Anatomy & Physiology (LIFS 100LAP)	4 Hours
CHEM 121	Chemistry for Allied Health Science (CHEM 100HP)	3 Hours
CHEM 122	Chemistry for Allied Health Sci Lab (w/121 CHEM 100LHP)	1 Hour
CHEM 140	Gen Chemistry I (CHEM 150)	3 Hours
CHEM 141	Gen Chemistry I Lab (w/140 CHEM 150L)	2 Hours
EH 108	Environmental Science with Lab	4 Hours

GEOG 121	Introduction to Physical Geography/Lab (GEOG 100L)	4 Hours
GEOL 120	Introduction to Geology/Lab (GEOL 100L)	4 Hours
PHYS 121	Fund Physical Sci W/Lab (PHYS 110L)	4 Hours
PHYS 160	Elem Coll Physics I W/Lab (PHYS 150L)	4 Hours
PHYS 270	General Physics W/Lab (PHYS 200L)	4 Hours

4. MATHEMATICS: SELECT ONE

3 HOURS

MATH 120	Math for Elementary Teachers II	3 Hours
MATH 125	Contemporary Mathematics (MATH 120)	3 Hours
MATH 129	Finite Mathematics (not currently offered)	3 Hours
MATH 130	Calculus I (MATH 130)	3 Hours

MATH 135	Trigonometry	3 Hours
MATH 140	Algebra & Trigonometry (MATH 150)	5 Hours
MATH 150	Calculus w/Analytic Geo I	5 Hours

5. HUMANITIES & FINE ARTS/GLOBAL COMP/HEALTH&WELLNESS 14 HOURS

5A. HUMANITIES: SELECT TWO

6 HOURS

ENG 240	Short Story (LITR 100F)	3 Hours
ENG 250	Introduction to Literature (LITR 100)	3 Hours
ENG 251	Black Literature (LITR 105AA)	3 Hours
ENG 252	Ethnicities in American Literature (LITR 105)	3 Hours
ENG 253	Women's Literature (LITR 106)	3 Hours
ENG 261, 262	World Literature (LITR 200A/200M)	3 Hours
ENG 271, 272	British Literature (LITR 102A/102B)	3 Hours
ENG 281, 282	American Literature (LITR 101A/101B)	3 Hours
HIST 130	Western Civilization to 1660 (WCIV 101)	3 Hours
HIST 140	Western Civilization since 1660 (WCIV 102)	3 Hours
HIST 160	History of Latin America (OCIV 101)	3 Hours
HS/PHIL 312	Biomedical Ethics	3 Hours
PHIL 201	Introduction to Philosophy (PHIL 100)	3 Hours
PHIL 212	Ethics (PHIL 102)	3 Hours
SPAN 100	Workplace & Travel Spanish	3 Hours
SPAN 101	Beginning Spanish I (LANG 103)	3 Hours
SPAN 102	Beginning Spanish II (LANG 104)	3 Hours
TH 252	Intro to Western Drama	3 Hours

5B. FINE ARTS: SELECT ONE

3 HOURS

ART 110	Art Appreciation (ARTS 100)	3 Hours
ART 130	Basic Drawing (PERF 105D)	3 Hours
ART 140	Basic Digital Photography/Image Editing (PERF105GA)	3 Hours
ART 200	Beginning Fibers (PERF 105M)	3 Hours
ART 207	Beginning Ceramics (PERF 105C)	3 Hours
ART 232	Beginning Painting (PERF 105P)	3 Hours
ART 251	Art History Pre-Historic Thru Gothic (ARTS 101)	3 Hours
ART 252	Art History Renais. thru 19th Century (ARTS 102)	3 Hours
MUS 100	Fundamentals of Music	3 Hours
MUS 101	Jazz Styles & Appreciation (MUSC 100J)	3 Hours
MUS 106	World Music (MUSC 102)	3 Hours
MUS 110	Music Appreciation (MUSC 100)	3 Hours
MUS 120	History of Rock and Roll Music	3 Hours
MUS 121	Concert Chorale (PERF 102C)	1 Hour
MUS 191	Marching Band (PERF 102B)	1 Hour
MUS 192	Concert Band (PERF 102B)	1 Hour
TH 110	Theatre Appreciation (THEA 100A)	3 Hours
TH 116	History of Musical Theatre	3 Hours

5C. GLOBAL COMPETENCIES: SELECT ONE

3 HOURS

ANTH 342	Comparative Cultures	3 Hours
CJ 301	International Justice Systems	3 Hours
CJ 370	International Terrorism	3 Hours
COMM/HS 305	Intercultural Communication	3 Hours
EDUC 280	Education in the Global Society	3 Hours
GEOG 111	World Regional Geography (GEOG 101)	3 Hours
HIST 130	Western Civilization to 1660 (WCIV 101)	3 Hours
HIST 140	Western Civilization since 1660 (WCIV 102)	3 Hours
HIST 150	Asian Civilizations	3 Hours
HIST 160	History of Latin America (OCIV 101)	3 Hours
HIST 180	Modern Global History 1450-Present (HIST 202)	3 Hours
HIST/INTS 217	Middle Eastern History	3 Hours
IB 310	International Business	3 Hours
INTS 201	Intro to International Studies	3 Hours
INTS 306	Introduction to Global Health (also GEOG 306&SOC 316)	3 Hours
PHIL 320	Comparative Religion (RELG 100)	3 Hours
SOC 303	The Arab World	3 Hours
SPAN 100	Workplace & Travel Spanish	3 Hours
SPAN 101	Beginning Spanish I (LANG 103)	3 Hours
SPAN 102	Beginning Spanish II (LANG 104)	3 Hours

5D. HEALTH AND WELLNESS

2 HOURS

TOTAL CORE 42 CURRICULUM REQUIREMENTS: 42 HOURS**TOTAL CORE 42 & INSTITUTIONAL REQUIREMENTS: 43 HOURS****INSTITUTIONAL DEGREE REQUIREMENT: SELECT ONE 1 HOUR**

UE 100	University Experience	1 Hour
HNRS 101	Honors Forum (1 Cr Hr towards UE100)	2 Hours
IET 105	Professional Skills	3 Hours

Missouri Department of Higher Education & Workforce Development (MDHEWD) approved CORE 42 courses include the MOTR number after the course title. These courses are guaranteed to transfer among all Missouri public institutions of higher education

BACCALAUREATE DEGREE REQUIREMENTS

Catalog Time Limit

A candidate for a degree may use, as a basis for degree requirements, the general catalog issued for any year following the date of the candidate's first completed registration at MSSU provided it is not more than six years prior to the date the degree is to be conferred. The candidate must have been in residence at MSSU and earned credit during the year of the catalog selected.

Transfer Student: The MSSU catalog in effect at the time of the transfer student's initial enrollment in the sending institution (transfer school), will govern the transfer student's degree requirements. The catalog used may not be dated more than six years prior to the date the degree is to be conferred. The transfer student must have been enrolled in a previous school and earned credit during the year of the catalog selected.

Developmental Courses

Occasionally, scores obtained from the placement tests indicate a student may not be successful in college. The university reserves the right to require these students to take developmental courses in mathematics, composition, study skills or intensive English prior to participation in regular college level classes. Courses below the 100 level are not applicable to the baccalaureate degree and are excluded in honors calculations and calculation of the standards of progress toward graduation.

Course Numbers and Levels

Course Numbers:

0 - 99	Not applicable toward the Baccalaureate Degree
100-299	Lower Division
300-499	Upper Division
500-700	Graduate

Immediately following each course title is a letter abbreviation of the semester in which the course is usually offered. Students and faculty should use this as a guide in considering future enrollment. However, this should not be interpreted as a contract. Missouri Southern reserves the right to deviate from this commitment when enrollment or other factors dictate.

Baccalaureate Degree Requirements

- A. Residence:** The following minimum requirements must be met in residence at Missouri Southern: (1) 30 hours completed with Missouri Southern; (2) one-half of the credit both required for the major and in the major department. Courses required for the major but not offered in the major department are not included; (3) one-half of the upper division credit both required for the major and in the major department.
- B. Credit Hours:** At least 120 semester hours of college credit applicable to a Baccalaureate Degree are required for graduation.
- C. Grade Point Average (GPA):** The following minimum cumulative GPAs are required for all Baccalaureate Degrees. Some programs require a higher GPA. The GPA excludes not applicable to Baccalaureate Degree (NABD) courses:
1. a 2.0 GPA for all credit hours attempted;
 2. a 2.0 GPA for all the courses required for the major, both inside and outside the major department;
 3. a 2.0 GPA for all courses, required and elective, taken in the major department.
- MSSU 2023-24 Catalog

The following minimum GPAs are required for the BSE:

1. a 2.75 GPA for all credit hours attempted;
2. a 2.50 GPA for all the courses required for the major, both inside and outside the major department;
3. a 2.50 GPA for all courses, required and elective, taken in the major department;
4. a grade of "C" or better in professional education courses and courses required for elementary education, special education and early childhood.

D. Upper Division Hours: A minimum of 39 semester hours of courses numbered 300-499 must be completed. Transfer courses will be granted lower or upper division attributes based on how the course was originally taken.

E. Modern Language: All students expecting to graduate with a Bachelor of Arts degree must successfully complete 10-12 hours of the same modern language prefix.

F. Writing: Students will complete the writing goals established by the faculty in their selected major. Students graduating with the Bachelor of General Studies degree or the Bachelor of Applied Science degree will be required to complete one course beyond English 101 and English 102 from the list of approved courses with a significant writing component.

G. General Education Curriculum Requirements: Missouri Southern has a general education requirement curriculum program that contributes toward the development of the whole person, as an individual and as a member of society. Transfer students should refer to the Transfer Student section of the catalog regarding the General Education requirements.

H. University Experience: A university experience course (UE 100) is required for all Missouri Southern degree-seeking students. UE 100 is also required for transfer students with fewer than 30 credit hours who have not completed an orientation course. Dual credit and credit-in-escrow are excluded. Honors students substitute HNRS 101 and Yours to Lose students substitute BIO 100.

I. Civics Exam: Section 170.013 of the Revised Statutes of Missouri states that any student entering a public institution of higher education for the first time after July 2019 who is pursuing an associate's or bachelor's degree from such institution shall successfully pass an examination on the provisions and principles of America civics with a score of seventy percent or greater as a condition of graduation from such institution. The examination shall be known as the "Missouri Higher Education Civics Achievement Examination".

J. A student may not graduate with a course that has an IN (Incomplete), IP (In-progress), or NO grade issued.

Core 42 In compliance with the State of Missouri Higher Education Core Curriculum Transfer Act (commonly known as CORE 42) initiative, the following general education requirement areas include the Missouri Transfer (MOTR) number for MSSU courses that have been approved. All public colleges and universities have adopted the CORE 42. Courses with a MOTR number in parentheses are guaranteed to transfer among all Missouri public institutions of higher education.

A. Residence: The last 15 semester hours must be completed in residence at Missouri Southern.

B. Credit Hours: A minimum of 60 hours must be completed.

ASSOCIATE DEGREE

- C. Grade Point Average (GPA):** The minimum cumulative and major field GPA must be 2.0.
- D. Major Field:** The student must meet the course requirements in the particular program of study as approved by an advisor.
- E. Civics Exam:** Any student entering a public institution of higher education for the first time after July 2019 who is pursuing an associate's or bachelor's degree must pass the exam as required by the State of Missouri (Senate Bill 807, Section 170.013).

- F. University Experience:** A university experience (UE 100) course is required for all Missouri Southern degree-seeking students. UE 100 is also required for transfer students with fewer than 30 credit hours who have not completed an orientation course. Dual credit and credit-in-escrow are excluded.
- G. General Education Core Curriculum Requirements:** The degree requires completion of the general education requirement curriculum courses as well as those outlined in the student's major field of study. The general education requirement curriculum required courses are listed below

ASSOCIATE DEGREE: Core Curriculum Requirements

1. SOCIAL AND BEHAVIORAL SCIENCES

6 HOURS

1A. SELECT ONE:

ANTH 101	General Anthropology (ANTH 101)	3 Hours
CJ 100	Introduction to Criminal Justice (CRJS 101)	3 Hours
ECON 101	Economics Social Issues (ECON 100)	3 Hours
ECON 201	Principles of Econ Macro (ECON 101)	3 Hours
ECON 202	Principles of Econ Micro (ECON 102)	3 Hours
GEOG 111	World Regional Geography (GEOG 101)	3 Hours
GEOG/PSC 257	Intro to Urban Studies (URBN 202)	3 Hours
HIST 180	Modern Global Hist 1450-Present (HIST 202)	3 Hours
SOC/PSC 204	Intro to Studies of Race and Ethnicity (SOCI 202)	3 Hours
PSC 122	Intro to International Relations (POSC 201)	3 Hours
PSC 130	Intro to Comparative Politics (POSC 202)	3 Hours
PSY 100	General Psychology (PSYC 100)	3 Hours
SOC 110	Introduction to Sociology (SOCI 100)	3 Hours
SOC 210	Social Problems (SOCI 201)	3 Hours

1B. CIVICS: SELECT ONE

HIST 110	U.S. History 1492-1877 (HIST 101)	3 Hours
HIST 120	U.S. History 1877-Present (HIST 102)	3 Hours
HIST 210	Intro to African-American History I (HIST 101AA)	3 Hours
HIST 220	Intro to African-American History II (HIST 102AA)	3 Hours
PSC 120	American Government (POSC 101)	3 Hours

2A. WRITTEN COMMUNICATION: SELECT ONE

3 HOURS

ENG 101	College Composition 1 (ENGL 100)	3 Hours
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2B. ORAL COMMUNICATION: SELECT ONE

3 HOURS

COMM 100	Oral Communication (COMM 110)	3 Hours
COMM 101	Intro to Human Communication (COMM 100)	3 Hours
TH 220	Professional Interaction (COMM 125)	3 Hours

3. NATURAL SCIENCES: SELECT ONE

3-HOURS

BIO 101	General Biology/Lab (BIOL 100L)	4 Hours
BIO 102	General Biology (BIOL 100)	3 Hours
BIO 108	Principles of Biology I (BIOL 150)	3 Hours
BIO 109	Principles of Biology I Lab (w/108 BIOL 150L)	1 Hour
BIO 121	Human Anatomy & Physiology I/Lab (LIFS 150LAP)	4 Hours
BIO 180	Essential Anatomy & Biology/Lab (LIFS 100LAP)	4 Hours
CHEM 110	Chemistry and Society (CHEM 100)	3 Hours
CHEM 121	Chemistry for Allied Health Science (CHEM 100HP)	3 Hours
CHEM 122	Chem for Allied Hlth Sci Lab (w/121 CHEM 100LHP)	1 Hour
CHEM 140	Gen Chemistry I (CHEM 150)	3 Hours
CHEM 141	Gen Chemistry I Lab (w/140 CHEM 150L)	2 Hours
EH 107	Environmental Science (PHYS 110EV)	3 Hours
EH 108	Environmental Science w/lab	4 Hours
GEOG 120	Introduction to Physical Geography (GEOG 100)	3 Hours
GEOG 121	Introduction to Physical Geography/Lab (GEOG 100L)	4 Hours
GEOL 120	Introduction to Geology/Lab (GEOL 100L)	4 Hours
PHYS 120	Fund of Physical Science (PHYS 110)	3 Hours
PHYS 121	Fund Physical Sci W/Lab (PHYS 110L)	4 Hours
PHYS 160	Elem Coll Physics I W/Lab (PHYS 150L)	4 Hours
PHYS 270	General Physics W/Lab (PHYS 200L)	4 Hours

Some majors may require a 4 hour science course. Consult with advisor for the recommended science course.

4A. MATHEMATICS: SELECT ONE

3 HOURS

MATH 30 (or above)

3 Hours

Consult with major advisor for recommended MATH course.

5A/B. HUMANITIES AND FINE ARTS: SELECT ONE

3 HOURS

ART 110	Art Appreciation (ARTS 100)	3 Hours
ART 130	Basic Drawing (PERF 105D)	3 Hours
ART 140	Basic Digital Photography/Image Editing (PERF105GA)	3 Hours
ART 200	Beginning Fibers (PERF 105M)	3 Hours
ART 207	Beginning Ceramics (PERF 105C)	3 Hours
ART 232	Beginning Painting (PERF 105P)	3 Hours
ART 251	Art History Pre-Historic Thru Gothic (ARTS 101)	3 Hours
ART 252	Art History Renais. thru 19th Century (ARTS 102)	3 Hours
ENG 240	Short Story (LITR 100F)	3 Hours
ENG 250	Introduction to Literature (LITR 100)	3 Hours
ENG 251	Black Literature (LITR 105AA)	3 Hours
ENG 252	Ethnicities in American Literature (LITR 105)	3 Hours
ENG 253	Women's Literature (LITR 106)	3 Hours
ENG 261, 262	World Literature (LITR 200A/200M)	3 Hours
ENG 271, 272	British Literature (LITR 102A/102B)	3 Hours
ENG 281, 282	American Literature (LITR 101A/101B)	3 Hours
HIST 130	Western Civilization to 1660 (WCIV 101)	3 Hours
HIST 140	Western Civilization since 1660 (WCIV 102)	3 Hours
HIST 160	History of Latin America (OCIV 101)	3 Hours
HS/PHIL 312	Biomedical Ethics	3 Hours
MUS 100	Fundamentals of Music	3 Hours
MUS 101	Jazz Styles & Appreciation (MUSC 100J)	3 Hours
MUS 106	World Music (MUSC 102)	3 Hours
MUS 110	Music Appreciation (MUSC 100)	3 Hours
MUS 120	History of Rock and Roll Music	3 Hours
MUS 121	Concert Chorale (PERF 102C)	1 Hour
MUS 191	Marching Band (PERF 102B)	1 Hour
MUS 192	Concert Band (PERF 102B)	1 Hour
PHIL 201	Introduction to Philosophy (PHIL 100)	3 Hours
PHIL 212	Ethics (PHIL 102)	3 Hours
SPAN 100	Workplace & Travel Spanish	3 Hours
SPAN 101	Beginning Spanish I (LANG103)	3 Hours
SPAN 102	Beginning Spanish II (LANG104)	3 Hours
TH 110	Theatre Appreciation (THEA 100A)	3 Hours
TH 116	History of Musical Theatre	3 Hours
TH 252	Intro to Western Drama	3 Hours

5D. HEALTH AND WELLNESS

2 HOURS

KINE 103	Lifetime Wellness	2 Hours
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TOTAL CORE CURRICULUM REQUIREMENTS: 23 HOURS

INSTITUTIONAL REQUIREMENT: SELECT ONE

1 HOUR

UE 100	The University Experience	1 Hour
HNRS 101*	Honors Forum (Honors Students Only)	2 Hours
IET 105	Professional Skills	3 Hours

TOTAL CORE & INSTITUTIONAL REQUIREMENTS: 24 HOURS

Bachelor of Science in Business Administration 2022-23

Accounting Emphasis

Major Code AC00

CIP: 520101

Cr Hrs

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (ECON 201/202)	
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 125 recommended)	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (IB 310)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Business Core*		39
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ECON 201	Principles of Economics – Macro*	3
ECON 202	Principles of Economics – Micro*	3
FIN 350	Financial Management	3
GB 301	Legal Environment of Business I	3
GB 320	Business Communication	3
GB 321	Business Statistics I	3
IB 310	International Business*	3
MGMT 237	Using Information Systems	3
OR		
CIS 305	Microcomputer Applications (3)	
MRKT 300	Principles of Marketing	3
MGMT 350	Fundamentals of Organizational Management	3
MGMT 452	Strategic Management***	3
Accounting Major**		27
ACCT 309	Accounting Information Systems	3
ACCT 312	Intermediate Accounting I	3
ACCT 321	Analytics for Accountants	3
ACCT 322	Intermediate Accounting II	3
ACCT 375	Tax Accounting I	3
ACCT 385	Cost Accounting	3
ACCT 411	Auditing	3
Pick two from the following		6
ACCT 376 and 476 VITA I (2) and VITA II (1) - 3 hrs total		
ACCT 402	Advanced Accounting (3)	
ACCT 408	Tax Accounting II (3)	
ACCT 421	Governmental Accounting (3)	
ACCT 422	Advanced Cost Accounting (3)	
ACCT 498	Advanced Topics in Accounting (3-6)	
Electives		20
Total	Must include at 39 upper division (300-400) hrs	120

*ECON 201 and 202 satisfies CORE 42 area 1A (6 hrs). IB 310 satisfies CORE 42 area 5C (3 hrs).

MATH 125 recommended

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

***MGMT 452 should be taken during the last semester of university work.

Those interested in sitting for the CPA exam should consider: Advanced Accounting and Tax Accounting II.

Bachelor of Fine Arts 2022-23

Design

Major Code AR03

CIP: 500401

Cr Hrs

General Education CORE 42 Requirements 42*		39
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts (met by ART 251 or 252)	
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Art Requirements		80
ART 101	Two Dimensional Design	3
ART 103	Three Dimensional Design	3
ART 130	Basic Drawing	3
ART 140	Basic Digital Photography and Image Editing	3
ART 195	Art and Design Orientation Seminar	0
ART 251	Art History: Prehistoric Through Gothic*	3
ART 252	Art History: Renaissance Through 19th Century*	3
ART 295	Foundation Review	0
Graphic Design Requirements		
ART 215	Digital Illustration	3
ART 216	Introduction to Web Design	3
ART 240	Introduction to Typography	3
ART 309	History and Theory of Graphic Design	3
ART 324	Semiotics and Symbolology	3
ART 325	Page Layout	3
ART 326	Advanced Web Design	3
ART 327	Advanced Typography	3
ART 350	Package Design	3
ART 351	Identify Systems	3
ART 352	Motion Graphics	3
ART 360	Publication Design and Layout	3
ART 450	Interactive Design	3
ART 451	Advanced Motion Graphics	3
ART 452	Design Practicum	3
ART 489	Professional Design Practices	2
Supporting ART Requirements		
ART	ART History (Upper Division)	3
ART 372	Color Theory	3
ART 495	Capstone ART Experience	0
ART 496	BFA Thesis	0
Two Dimensional Media (Select One)		3
ART 200	Beginning Fibers	
ART 210	Beginning Water Media	
ART 212	Introduction to Printmaking	
ART 232	Beginning Painting	
ART 270	Intermediate Drawing	

ART 371	Life Drawing	
Three Dimensional Media (Select One)		3
ART 205	Beginning Jewelry	
ART 207	Beginning Ceramics	
ART 211	Beginning Sculpture	
ART 491 or Design Elective (Internship or approved design elective)		3
Total	Must include at 39 upper division (300-400) hrs	120

*ART 251 or 252 satisfies Gen. Ed. Core 42 area 5B (3 hrs)

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

ART 303	Art History, 19th Century
ART 304	Art History, 20th Century
ART 306	Art History, African Art
ART 307	Art History, Islamic Art
ART 308	Art History, Women in Art
ART 366	Art of Scandinavia
ART 367	International Art Seminar
ART 498	Special Topics in Art History*
	<i>* requires an academic petition</i>

Bachelor of Fine Arts 2022-23

Studio Art

Major Code AR02

CIP: 500401

Cr Hrs

General Education CORE 42 Requirements 42*		39
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts (met by ART 251 or 252)	
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Art Requirements		80
ART 101	Two Dimensional Design	3
ART 103	Three Dimensional Design	3
ART 130	Basic Drawing	3
ART 140	Basic Digital Photographyand Image Editing	3
ART 195	Art and Design Orientation Seminar	0
ART 251	Art History: Prehistoric Through Gothic*	3
ART 252	Art History: Renaissance Through 19th Century*	3
Studio Art Requirements		
ART 205	Beginning Jewelry	3
ART 207	Beginning Ceramics	3
ART 211	Beginning Sculpture	3
ART 270	Intermediate Drawing	3
ART 295	Foundation Review	0
ART 305	Art Theory	3
ART	Art History (Upper Division)	6
ART 371	Life Drawing	3
ART 372	Color Theory	3
Two-Dimensional Media (Select Two)		6
ART 200	Beginning Fibers	
ART 210	Beginning Water Media	
ART 212	Introduction to Printmaking	
ART 232	Beginning Painting	
Studio Emphasis Area		12
(4 Upper Division Courses in one Studio area of Concentration)		
ART 490	Professional Studio Practices	2
ART 495	Capstone Art Experience	0
ART 496	BFA Thesis	0
Art Electives		3
Upper Division Art Electives (300-400 level)		12
Total	Must include at 39 upper division (300-400) hrs	120

*ART 251 or 252 satisfies Gen. Ed. Core 42 area 5B (3 hrs)

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

Ceramics Option (any of the following total 12 hours)

ART 337	Wheel Throwing
ART 338	Hand Building with Clay
ART 339	Mold Making & Multiples for Ceramics
ART 407	Advanced Ceramics^
ART 427	Special Projects I in Ceramics^
ART 447	Special Projects II in Ceramics^

Painting Option (any of the following total 12 hours)

ART 310	Water Media
ART 332	Painting
ART 333	Landscape Painting
ART 334	Mural Painting
ART 335	Portrait Painting
ART 401	Advanced Painting^
ART 424	Special Projects I in Painting^
ART 444	Special Projects II in Painting^

Printmaking Option (any of the following total 12 hours)

ART 313	Intaglio/Relief
ART 314	Silkscreen/Lithography
ART 412	Advanced Printmaking^
ART 429	Special Projects I in Printmaking^
ART 449	Special Projects II in Printmaking^

Drawing Option (any of the following total 12 hours)

ART 371	Life Drawing
ART 400	Advanced Drawing^
ART 428	Special Projects I in Drawing^
ART 448	Special Projects II in Drawing^

Jewelry Option (any of the following total 12 hours)

ART 330	Jewelry Design and Metalsmithing^
ART 423	Special Projects 1 in Jewelry/Metalsmithing^
ART 443	Special Projects 2 in Jewelry/Metalsmithing^

Sculpture Option (any of the following total 12 hours)

ART 341	Sculpture Foundry
ART 342	Sculpture
ART 411	Advanced Sculpture^
ART 426	Special Projects I in Sculpture^
ART 446	Special Projects II in Sculpture^

Fibers Option (any of the following total 12 hours)

ART 385	Fibers
ART 385	Advanced Fibers^
ART 498	Special Topics in Fibers*

** requires an academic petition*

Other Media Option (any of the following total 12 hours)

Upper division transfer, special topics, or independent study courses to equal 12 credit hours approved by department chair, student's BFA committee, and by academic petition only.

^ Courses may be repeated for a total of 6 hours

Bachelor of Arts 2022-23**Visual Art****Major Code AR01****CIP: 500702**

Cr Hrs

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (3 of 6 met by modern language)	3
Area 5B	Fine Arts (met by ART 251 or 252)	
Area 5C	Global Competencies (met by modern language)	
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Modern Language**(courses in same prefix)		10-12
Art Requirements		50
ART 101	Two Dimensional Design	3
ART 103	Three Dimensional Design	3
ART 130	Basic Drawing	3
ART 140	Basic Digital Photography and Image Editing	3
ART 195	Art and Design Orientation Seminar	0
ART 251	Art History: Prehistoric Through Gothic*	3
ART 252	Art History: Renaissance Through 19th Century*	3
ART 270	Intermediate Drawing	3
ART 295	Foundation Review	0
ART 305	Art Theory	3
ART 372	Color Theory	3
ART	Art History (upper division 300-400 level)	3
ART 490	Professional Studio Practices	2
ART 495	Capstone Art Experience	0
Two-Dimensional Media (Select One)		3
ART 200	Beginning Fibers	
ART 210	Beginning Water Media	
ART 212	Introduction to Printmaking	
ART 232	Beginning Painting	
Three-Dimensional Media (Select One)		3
ART 205	Beginning Jewelry	
ART 207	Beginning Ceramics	
ART 211	Beginning Sculpture	
Upper Division Art electives (300-400 level)		12
Electives		8-10
Electives	(Upper Division)	16
Total	Must include at 39 upper division (300-400) hrs	120

*ART 251 or 252 satisfies Gen. Ed. Core 42 area 5B (3 hrs)

*6 hrs of Modern Language satisfies 3 hours of Gen. Ed. Core 42 area 5A and area 5C

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

ART 303	Art History, 19th Century
ART 304	Art History, 20th Century
ART 306	Art History, African Art
ART 307	Art History, Islamic Art
ART 308	Art History, Women in Art
ART 366	Art of Scandinavia
ART 367	International Art Seminar
ART 498	Special Topics in Art History*
	<i>* requires an academic petition</i>

Bachelor of Science 2023-24**Biology Major Biotech Micro Gen****Major Codes BI01****CIP Code: 260101**

Cr Hrs

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 108 or CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160 or BIO 108/109 or CHEM 140/141)	
Area 4	Mathematics (MATH 130 or 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Biology Requirements		43
BIO 108	Principles of Biology I	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 210	Molecular Cell Biology	4
BIO 231	General and Medical Microbiology	5
BIO 305	Genetics	4
BIO 389	Fundamentals of Experimental Design & Statistics(3)	3
OR		
BIO 390	Research and Statistical Methods (3)	
BIO 400	Biology Capstone	1
BIO 402	General Ecology	4
	OR	
BIO 481	Aquatic Ecology (4)	
BIO	Electives see below for options (200 level or above)	14
Supporting Requirements		21-24
MATH 130	College Algebra (3)	3-5
OR		
MATH 150 (5)	Calculus with Analytic Geometry I	
CHEM 140	General Chemistry I	3
CHEM 141	General Chemistry I Lab	2
CHEM 142	General Chemistry II	5
CHEM 201	Analytical Chemistry (5)	5
OR		
CHEM 301	Organic Chemistry I (5)	
PHYS 150	Environmental Physics (3)	3-4
OR		
PHYS 160	Elementary College Physics I With Lab (4)	
Electives		20-23
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Required courses in Biology, Chemistry/Physics and Math satisfy Gen Ed Core 42 Areas 3A,3B,4 (10 hours)

Recommended electives: BIO 240, BIO 201, BIO 301, BIO 308, BIO 350, BIO 361, BIO 370, BIO 371, BIO 380, BIO 375, BIO 442, BIO 460, BIO 464, BIO 294/497*, BIO 298/498, BIO 299/499*, BIO 455*, BIO 491*, BIO 492*

* Combined hours from BIO 297/497, BIO 299/499, BIO 455, BIO 491 and BIO 492 may not exceed 4 hours toward the B.S. in Biology degree

Bachelor of Science 2023-24**Biology Major Ecol Marine Cons****Major Codes BI02****CIP Code: 260101****Cr Hrs**

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 108 or CHEM 140)	
Area 3B	Natural science With Lab (BIO 108/109 or CHEM 140/141)	
Area 4	Mathematics (MATH 130)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Biology Requirements		51-52
BIO 108	Principles of Biology I	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 210	Molecular Cell Biology (4)	4-5
OR		
BIO 231	General and Medical Microbiology (5)	
BIO 300	Evolution	3
BIO 302	Conservation Biology	3
BIO 304	Intro to Geographic Information Systems (GIS)	3
BIO 389	Fundamentals of Experimental Design & Statistics(3)	3
OR		
BIO 390	Research and Statistical Methods (3)	
BIO 400	Biology Capstone	1
BIO 402	General Ecology	4
	OR	
BIO 481	Aquatic Ecology (4)	
BIO Pick 2 field-based elective courses (1 animal-based & 1 plant-based)		8
BIO 322	Taxonomy of Flowering Plants (4)	
BIO 332	Introduction to Entomology (4)	
BIO 361	Parasitology (4)	
BIO 412	Mammalogy (4)	
BIO 415	Herpetology (4)	
BIO	Electives see below for options (200 level or above)	14
Supporting Requirements		18
MATH 130	College Algebra	3
CHEM 140	General Chemistry I	3
CHEM 141	General Chemistry I Lab	2
CHEM 142	General Chemistry II	5
CHEM 201	Analytical Chemistry (5)	5
OR		
CHEM 301	Organic Chemistry I (5)	
Electives		17-18
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Required courses in Biology, Chemistry/Physics and Math satisfy Gen Ed Core 42 Areas 3A,3B,4 (10 hours)

Recommended electives: BIO 210 or BIO 231 (if not taken for required core), BIO 305, BIO 312, BIO 350, BIO 362, BIO 370, BIO 371, BIO 380, BIO 404, BIO 406, BIO 440, BIO 442, BIO 294/497*, BIO 298/498, BIO 299/499*, BIO 455*, BIO 491*, BIO 492*

* Combined hours from BIO 297/497, BIO 299/499, BIO 455, BIO 491 and BIO 492 may not exceed 4 hours toward the B.S. in Biology degree

Bachelor of Science 2023-24

Biology Major

Major Codes BI04

CIP Code: 260101

Cr Hrs

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 108 or CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160 or BIO 108/109 or CHEM 140/141)	
Area 4	Mathematics (MATH 130 or 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Biology Requirements		43
BIO 108	Principles of Biology I	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 210	Molecular Cell Biology	4
BIO 231	General and Medical Microbiology	5
BIO 305	Genetics	4
BIO 389	Fundamentals of Experimental Design & Statistics(3)	3
OR		
BIO 390	Research and Statistical Methods (3)	
BIO 400	Biology Capstone	1
BIO 402	General Ecology	4
	OR	
BIO 481	Aquatic Ecology (4)	
BIO	Electives see below for options (200 level or above)	14
Supporting Requirements		21-24
MATH 130	College Algebra (3)	3-5
OR		
MATH 150 (5)	Calculus with Analytic Geometry I	
CHEM 140	General Chemistry I	3
CHEM 141	General Chemistry I Lab	2
CHEM 142	General Chemistry II	5
CHEM 201	Analytical Chemistry (5)	5
OR		
CHEM 301	Organic Chemistry I (5)	
PHYS 150	Environmental Physics (3)	3-4
OR		
PHYS 160	Elementary College Physics I With Lab (4)	
Electives		20-23
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Required courses in Biology, Chemistry/Physics and Math satisfy Gen Ed Core 42 Areas 3A,3B,4 (10 hours)

It is recommended that General Biology students take at least two electives from the Biomedical Group and the EEC group.

Biomedical electives: BIO 201, BIO 240, BIO 301, BIO 308, BIO 350, BIO 361, BIO 362, BIO 370, BIO 371, BIO 380, BIO 433, BIO 442, BIO 456, BIO 464, BIO 475

Ecology, Evolution and Conservation electives: BIO 304, BIO 312, BIO 316, BIO 332, BIO 350, BIO 404, BIO 406, BIO 412, BIO 415, BIO 440

Other electives: BIO 294/497*, BIO 298/498, BIO 299/499*, BIO 455*, BIO 491*, BIO 492*

* Combined hours from BIO 297/497, BIO 299/499, BIO 455, BIO 491 and BIO 492 may not exceed 4 hours toward the B.S. in Biology degree

Bachelor of Science 2023-24**Biology Major Phys/Occup Thpy****Major Codes BI05****CIP Code: 260101****Cr Hrs**

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 108 or CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)	
Area 4	Mathematics (MATH 140 or 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Biology Requirements		35
BIO 108	Principles of Biology I	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 201	Human Anatomy	5
BIO 231	General and Medical Microbiology	5
BIO 301	Human Physiology	4
BIO 390	Research and Statistical Methods (3)	3
OR		
PAY 320	Applied Statistics for the Behavioral Sciences (3)	
BIO 400	Biology Capstone	1
BIO	Electives see below for options (200 level or above)	9
Supporting Requirements		33
MATH 130	College Algebra	3
MATH 135	Trigonometry	3
CHEM 140	General Chemistry I	3
CHEM 141	General Chemistry I Lab	2
CHEM 142	General Chemistry II	5
HS 111	Medical Terminology	3
PHYS 160	Elementary College Physics I With Lab	4
PHYS 162	Elementary College Physics II	4
PSY 200	Child Development (3)	3
OR		
PSY 201	Adolescent Development (3)	
OR		
PSY 205	Child and Adolescent Development (3)	
PSY 432	Abnormal Psychology	3
Electives		19
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Required courses in Biology, Chemistry/Physics and Math satisfy Gen Ed Core 42 Areas 3A,3B,4 (10 hours)

Recommended electives: BIO 240, BIO 308, BIO 350, BIO 362, BIO 370, BIO 380, BIO 433, BIO 442, BIO 456, BIO 475, BIO 294/497*, BIO 298/498, BIO 299/499*, BIO 455*, BIO 491*, BIO 492*

* Combined hours from BIO 297/497, BIO 299/499, BIO 455, BIO 491 and BIO 492 may not exceed 4 hours toward the B.S. in Biology degree

Bachelor of Science 2023-24

Biomedical Sciences PreDental

Major Code BI12

CIP Code: 260102

Cr Hrs

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 108 or CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)	
Area 4	Mathematics (MATH 140 or 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Required Courses - Biomedical Sciences Core		70-71
BIO 108	Principles of Biology I	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 201 Human Anatomy OR BIO 331 Comparative Vertebrate Anatomy		5
BIO 210	Molecular Cell Biology	4
BIO 231	General and Medical Microbiology	5
BIO 301	Human Physiology	4
BIO 305	Genetics	4
BIO 389	Fund. Of Experimental Design & Statistics	3
BIO 400	Biology Capstone	1
MATH 130/135 Alegbra & Trig OR MATH 150 Calculus w/Analytic Ge		5-6
CHEM 140	General Chemistry I	3
CHEM 141	General Chemistry I Lab	2
CHEM 142	General Chemistry II	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry I	3
PHYS 160	Elementary College Physics I With Lab	4
PHYS 162	Elementary College Physics II	4
BIO	Electives see below for options (200 level or above)	11
See list for applicable courses		
Electives		5-6
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Required courses in Biology, Chemistry/Physics and Math satisfy Gen Ed Core 42 Areas 3A,3B,4 (10 hours)

**Degree Requirement H (UE 100), may also be met by HNRS 101 (2 credit hours).

@ MATH 130 plus MATH 135 equals MATH 140

Bachelor of Science 2023-24

Biomedical Sciences PreMedical/PA

Major Code BI13

CIP Code: 260102

Cr Hrs

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 108 or CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)	
Area 4	Mathematics (MATH 140 or 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Required Courses - Biomedical Sciences Core		70-71
BIO 108	Principles of Biology I	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 201 Human Anatomy OR BIO 331 Comparative Vertebrate Anatomy		5
BIO 210	Molecular Cell Biology	4
BIO 231	General and Medical Microbiology	5
BIO 301	Human Physiology	4
BIO 305	Genetics	4
BIO 389	Fund. Of Experimental Design & Statistics	3
BIO 400	Biology Capstone	1
MATH 130/135 Alegbra & Trig OR MATH 150 Calculus w/Analytic Ge		5-6
CHEM 140	General Chemistry I	3
CHEM 141	General Chemistry I Lab	2
CHEM 142	General Chemistry II	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry I	3
PHYS 160	Elementary College Physics I With Lab	4
PHYS 162	Elementary College Physics II	4
BIO	Electives see below for options (200 level or above)	11
See list for applicable courses		
Electives		5-6
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Required courses in Biology, Chemistry/Physics and Math satisfy Gen Ed Core 42 Areas 3A,3B,4 (10 hours)

**Degree Requirement H (UE 100), may also be met by HNRS 101 (2 credit hours).

@ MATH 130 plus MATH 135 equals MATH 140

Bachelor of Science 2023-24

Biomedical Sciences PreOptometry

Major Code BI14

CIP Code: 260102

Cr Hrs

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 108 or CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)	
Area 4	Mathematics (MATH 140 or 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Required Courses - Biomedical Sciences Core		70-71
BIO 108	Principles of Biology I	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 201 Human Anatomy OR BIO 331 Comparative Vertebrate Anatomy		5
BIO 210	Molecular Cell Biology	4
BIO 231	General and Medical Microbiology	5
BIO 301	Human Physiology	4
BIO 305	Genetics	4
BIO 389	Fund. Of Experimental Design & Statistics	3
BIO 400	Biology Capstone	1
MATH 130/135 Alegbra & Trig OR MATH 150 Calculus w/Analytic Ge		5-6
CHEM 140	General Chemistry I	3
CHEM 141	General Chemistry I Lab	2
CHEM 142	General Chemistry II	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry I	3
PHYS 160	Elementary College Physics I With Lab	4
PHYS 162	Elementary College Physics II	4
BIO	Electives see below for options (200 level or above)	11
See list for applicable courses		
Electives		5-6
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Required courses in Biology, Chemistry/Physics and Math satisfy Gen Ed Core 42 Areas 3A,3B,4 (10 hours)

**Degree Requirement H (UE 100), may also be met by HNRS 101 (2 credit hours).

@ MATH 130 plus MATH 135 equals MATH 140

Bachelor of Science 2023-24

Biomedical Sciences PreOptometry

Major Code BI15

CIP Code: 260102

Cr Hrs

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 108 or CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)	
Area 4	Mathematics (MATH 140 or 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Required Courses - Biomedical Sciences Core		70-71
BIO 108	Principles of Biology I	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 201 Human Anatomy OR BIO 331 Comparative Vertebrate Anatomy		5
BIO 210	Molecular Cell Biology	4
BIO 231	General and Medical Microbiology	5
BIO 301	Human Physiology	4
BIO 305	Genetics	4
BIO 389	Fund. Of Experimental Design & Statistics	3
BIO 400	Biology Capstone	1
MATH 130/135 Alegbra & Trig OR MATH 150 Calculus w/Analytic Ge		5-6
CHEM 140	General Chemistry I	3
CHEM 141	General Chemistry I Lab	2
CHEM 142	General Chemistry II	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry I	3
PHYS 160	Elementary College Physics I With Lab	4
PHYS 162	Elementary College Physics II	4
BIO	Electives see below for options (200 level or above)	11
See list for applicable courses		
Electives		5-6
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Required courses in Biology, Chemistry/Physics and Math satisfy Gen Ed Core 42 Areas 3A,3B,4 (10 hours)

**Degree Requirement H (UE 100), may also be met by HNRS 101 (2 credit hours).

@ MATH 130 plus MATH 135 equals MATH 140

Bachelor of Science 2023-24

Biomedical Sciences PreVeterinary

Major Code BI16

CIP Code: 260102

Cr Hrs

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 108 or CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)	
Area 4	Mathematics (MATH 140 or 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Required Courses - Biomedical Sciences Core		70-71
BIO 108	Principles of Biology I	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 201 Human Anatomy OR BIO 331 Comparative Vertebrate Anatomy		5
BIO 210	Molecular Cell Biology	4
BIO 231	General and Medical Microbiology	5
BIO 301	Human Physiology	4
BIO 305	Genetics	4
BIO 389	Fund. Of Experimental Design & Statistics	3
BIO 400	Biology Capstone	1
MATH 130/135 Alegbra & Trig OR MATH 150 Calculus w/Analytic Ge		5-6
CHEM 140	General Chemistry I	3
CHEM 141	General Chemistry I Lab	2
CHEM 142	General Chemistry II	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry I	3
PHYS 160	Elementary College Physics I With Lab	4
PHYS 162	Elementary College Physics II	4
BIO	Electives see below for options (200 level or above)	11
See list for applicable courses		
Electives		5-6
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Required courses in Biology, Chemistry/Physics and Math satisfy Gen Ed Core 42 Areas 3A,3B,4 (10 hours)

**Degree Requirement H (UE 100), may also be met by HNRS 101 (2 credit hours).

@ MATH 130 plus MATH 135 equals MATH 140

Bachelor of Science

Biology Major Biomed Sci PreMed MKEAP

Major Code BI21

CIP Code: 260101

Cr Hrs

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences PSY 100, SOC 110 [^]	6
Area 1B	Civics Engagement PSC 120 [^]	3
Area 2A	Written Communication	6
Area 2B	Oral Communication COMM 100 [^]	3
Area 3A	Natural Science Non-Lab (BIO 108 or CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)	
Area 4	Mathematics (MATH 140 or 150)	
Area 5A	Humanities ENG 250, modern language [^]	6
Area 5B	Fine Arts ART 110 " Art of Observation " [^]	3
Area 5C	Global Competencies Modern language [^]	3
Area 5D	Health and Wellness	2
[^]Suggested General Education Core 42 Requirements for MKEAP		
BIO 100	Freshman Seminar ^{**}	1
Required Courses - Biomedical Sciences Core		83
BIO 108	Principles of Biology I	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 210	Molecular Cell Biology	4
BIO 231	General and Medical Microbiology	5
BIO 301	Human Physiology	4
BIO 305	Genetics	4
Bio 308	Pathophysiology	3
BIO 331	Comparative Vertebrate Anatomy	5
BIO 390	Research & Statistical Methods in Biology	3
BIO 400	Biology Capstone	1
BIO 433	Histology	4
BIO 456	Immunology	3
MATH 140 or MATH 150 5 cr hrs OR MATH 130/135 Alegbra & Trig (6 cr hrs)		5
CHEM 140	General Chemistry I	3
CHEM 141	General Chemistry I Lab	2
CHEM 142	General Chemistry II	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry I	3
CHEM 352	Biochemistry II	3
PHYS 160	Elementary College Physics I With Lab	4
PHYS 162	Elementary College Physics II	4
BIO	Electives see below for options (200 level or above)	4
See list for applicable courses		
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Required courses in Biology, Chemistry/Physics and Math meet Gen Ed Core 42 Areas 3,4 (10 hours)

**Degree Requirement H: BIO 100 is specific to the YTL program (also met by HNRS 101 or UE 100)

***MKEAP students will participate in international study experiences. Topics may vary as well as the specific semester in which an international opportunity is offered. Students may apply for travel grants for this course; travel grants are not guaranteed and students will be responsible for paying expenses. If a student cannot participate in an international study course, an alternate global experience must be approved as part of the curriculum.

Bachelor of General Studies
Business Emphasis 2023-24 AY
CIP: 520201

Major Code GB02
Cr Hrs

General Education CORE 42 Requirements 42*		42
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 125 recommended)	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Business Emphasis		21
GB 301	Legal Environment of Business I	3
GB 320	Business Communication	3
IB 310	International Business	3
MGMT 337	Management Information Systems	3
MGMT 350	Fundamentals of Organizational Management	3
MGMT 352	Human Resource Management	3
MRKT 300	Principles of Marketing	3
Electives	As needed to total 120	56
At least one certificate is highly recommended		
Total	Must include at 39 upper division (300-400) hrs	120

Bachelor of Arts 2023-24**Chemistry Major****CIP Code: 400501****Major Code CH01****Cr Hrs**

General Education CORE 42 Requirements 42*		26
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)'	
Area 4	Mathematics (MATH 150)	
Area 5A	Humanities (Mod. Lang. for 3)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (Mod. Lang.)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Modern Language* - Courses in same prefix*		10-12
Chemistry Requirements		34
CHEM 140	General Chemistry I***	3
CHEM 141	General Chemistry I Lab***	2
CHEM 142	General Chemistry II	5
CHEM 201	Analytical Chemistry**	5
CHEM 301	Organic Chemistry I	5
CHEM 400	Elementary Physical Chemistry*	4
CHEM 460	Chemistry Capstone	1
Upper Division Chemistry Electives (4 hrs)****		4
AND		
CHEM 302	Organic Chemistry II	5
OR		
CHEM 427	Instrumental Analysis (5)	
Supporting Requirements		13
PHYS 160	Elementary College Physics I***	4
PHYS 162	Elementary College Physics II	4
MATH 150	Calculus with Analytic Geometry I***	5
Electives		34-36
Total Hours	Must include at 39 upper division (300-400) hrs	120

*CHEM 140 and PHYS 160 satisfy CORE 42 areas 3A&B (7 hours), math requirements satisfy CORE 42 area 4 (3 hours), 3 hours of modern language apply to CORE 42 area 5A and an additional 3 hours of modern language can satisfy area 5C.

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

***See Prerequisites

****Suggested electives: CHEM 350, CHEM 352, CHEM 427, CHEM 450, CHEM 497, CHEM 498, CHEM 499

Note: A Bachelor of Arts degree in chemistry is for students who need some knowledge of chemistry as a basis for work in other fields but who do not expect to become professional chemists.

Bachelor of Science 2023-24**Chemistry Major, Biochemistry Emphasis Major Codes CH03-07****CIP Code: 400501****Cr Hrs**

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)'	
Area 4	Mathematics (MATH 150)	
Area 5A	Humanities (Mod. Lang. for 3)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (Mod. Lang.)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Chemistry Requirements		38
CHEM 140	General Chemistry I***	3
CHEM 141	General Chemistry I Lab***	2
CHEM 142	General Chemistry II	5
CHEM 201	Analytical Chemistry	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry	3
CHEM 352	Metabolic Biochemistry	3
CHEM 355	Biochemical Techniques	2
CHEM 400	Elementary Physical Chemistry	4
CHEM 460	Chemistry Capstone	1
Supporting Requirements		32
BIO 108	Principles of Biology I***	3
BIO 109	Principles of Biology I Lab***	1
BIO 111	Principles of Biology II	4
BIO 210	Molecular Cell Biology***	4
BIO 305	Genetics	4
BIO 464	Advanced Cell Biology	3
PHYS 160	Elementary College Physics I***	4
PHYS 162	Elementary College Physics II	4
MATH 150	Calculus & Analytic Geometry I***	5
Electives		17
Total Hours	Must include at 39 upper division (300-400) hrs	120

*CHEM 140 and BIO 108/109 satisfy CORE 42 area 3A&B (7 hours) and math requirements satisfy CORE 42 area 4 (3 hours).

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

***See Prerequisites

****Suggested Electives (CHEM 422, 427, 431, 450, 491, 497, BIO 231, 301)

CH03 BS Chemistry Pre-medical
 CH04 BS Chemistry Pre-pharmacy
 CH05 BS Chemistry Pre-veterinarian

CH06 BS Chemistry Pre-dental
 CH07 BS Chemistry Pre-optometry

Bachelor of Science 2023-24**Chemistry Major, Biochem Emphasis MKEAP Major Codes CH10****CIP Code: 400501****Cr Hrs**

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)'	
Area 4	Mathematics (MATH 150)	
Area 5A	Humanities (Mod. Lang. for 3)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (Mod. Lang.)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Chemistry Requirements		37
CHEM 140	General Chemistry I***	3
CHEM 141	General Chemistry I Lab***	2
CHEM 142	General Chemistry II	5
CHEM 201	Analytical Chemistry	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry	3
CHEM 352	Metabolic Biochemistry	3
CHEM 355	Biochemical Techniques	2
CHEM 450	Medicinal Chemistry	3
CHEM 460	Chemistry Capstone	1
Supporting Requirements		41
BIO 108	Principles of Biology I***	3
BIO 109	Principles of Biology I Lab***	1
BIO 111	Principles of Biology II	4
BIO 210	Molecular Cell Biology***	4
BIO 301	Human Physiology	4
BIO 305	Genetics	4
BIO 464	Advanced Cell Biology	3
PHYS 160	Elementary College Physics I***	4
PHYS 162	Elementary College Physics II	4
MATH 150	Calculus & Analytic Geometry I***	5
Choose BIO 201 or BIO 331		5
Electives		9
Total Hours	Must include at 39 upper division (300-400) hrs	120

Required physics, chemistry and mathematics courses satisfy major requirements and 10 hour of General Education requirements.

**See prerequisites

***Suggested electives (BIO 231, BIO 308, BIO 390, BIO 475, CHEM 498)

Bachelor of Science 2023-24**Chemistry Major, Biochemistry Emphasis****Major Codes CH02****CIP Code: 400501****Cr Hrs**

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)'	
Area 4	Mathematics (MATH 150)	
Area 5A	Humanities (Mod. Lang. for 3)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (Mod. Lang.)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Chemistry Requirements		47
CHEM 140	General Chemistry I***	3
CHEM 141	General Chemistry I Lab***	2
CHEM 142	General Chemistry II	5
CHEM 201	Analytical Chemistry	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry	3
CHEM 352	Metabolic Biochemistry	3
CHEM 355	Biochemical Techniques	2
CHEM 400	Elementary Physical Chemistry	4
CHEM 422	Advanced Inorganic Chemistry	3
CHEM 427	Instrumental Analysis	5
CHEM 460	Chemistry Capstone	1
CHEM 431 Chem Lab Practicum OR CHEM 497 Research		1
Supporting Requirements		32
BIO 108	Principles of Biology I***	3
BIO 109	Principles of Biology I Lab***	1
BIO 111	Principles of Biology II	4
BIO 210	Molecular Cell Biology***	4
BIO 305	Genetics	4
BIO 464	Advanced Cell Biology	3
PHYS 160	Elementary College Physics I***	4
PHYS 162	Elementary College Physics II	4
MATH 150	Calculus & Analytic Geometry I***	5
Electives		8
Total Hours	Must include at 39 upper division (300-400) hrs	120

*CHEM 140 and BIO 108/109 satisfy CORE 42 area 3A&B (7 hours) and math requirements satisfy CORE 42 area 4 (3 hours).

**Degree Requirement H, may also be met by HNRS 101, BIO 101 or IET 105

***See Prerequisites

****Suggested Electives (CHEM 431,450,497, BIO 231, MATH 250, MATH 310 or BIO 390)

Bachelor of Science 2023-24**Chemistry Major, Forensic Science Emphasis Major Code CH08****CIP Code: 400501****Cr Hrs**

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 140)	
Area 3B	Natural science With Lab (BIO 121)	
Area 4	Mathematics (MATH 150)	
Area 5A	Humanities (Mod. Lang. for 3)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies	6
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Chemistry & Biology Requirements		52-54
CHEM 140	General Chemistry I***	3
CHEM 141	General Chemistry I Lab***	2
CHEM 142	General Chemistry II	5
CHEM 201	Analytical Chemistry	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry I	3
CHEM 355	Biochemical Techniques	2
CHEM 427	Instrumental Analysis	5
CHEM 460	Chemistry Capstone	1
BIO 121	Human Anatomy and Physiology I	4
BIO 231	General and Medical Microbiology	5
BIO 305	Genetics	4
Select one of the following:		3-5
BIO 362	Virology (3)	
BIO 442	Pathogenic Bacteriology (5)	
BIO 456	Immunology (4)	
BIO 460	Techniques in Biotechnology (3)	
Supporting Requirements		34
CJ 100	Intro to Criminal Justice	3
CJ 200	Crime Scene Investigation I	3
CJ 220	Crime Scene Photography	3
CJ 305	Criminal Justice Research Methods	3
CJ 340	Crime Scene Investigation II	3
CJ 390	Crime Analysis	3
CJ 450	Criminal Evidence	3
MATH 150	Calculus with Analytic Geometry I***	5
PHYS 160	Elementary College Physics I***	4
PHYS 162	Elementary College Physics II***	4
Electives		0-1
Total Hours	Must include at 39 upper division (300-400) hrs	120

*CHEM 140 and BIO 108/109 satisfy CORE 42 area 3A&B (7 hours) and math requirements satisfy CORE 42 area 4 (3 hours).

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

***See Prerequisites

****Suggested Electives (CJ 210,250,400, BIO 460, CHEM 352,431,450,491,497)

Bachelor of Science 2023-24

Chemistry Major, Health Professional Emphasis

Major Codes CH09

CIP Code: 400501

Cr Hrs

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)'	
Area 4	Mathematics (MATH 150)	
Area 5A	Humanities (Mod. Lang. for 3)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (Mod. Lang.)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Chemistry Requirements		36
CHEM 140	General Chemistry I**	3
CHEM 141	General Chemistry I Lab**	2
CHEM 142	General Chemistry II	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry	3
Chemistry Electives (300 level or higher)		13
Supporting Requirements		21
BIO 108	Principles of Biology I**	3
BIO 109	Principles of Biology I Lab***	1
BIO 111	Principles of Biology II	4
PHYS 160	Elementary College Physics I**	4
PHYS 162	Elementary College Physics II	4
MATH 150	Calculus & Analytic Geometry I**	5
Electives***		30
Total Hours	Must include at 39 upper division (300-400) hrs	120

*CHEM 140 and BIO 108/109 satisfy CORE 42 area 3A&B (7 hours) and math requirements satisfy CORE 42 area 4 (3 hours).

^Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

**See Prerequisites

***Suggested Electives (CHEM 201, 352, 355, 450, 497, BIO 201, 231, 301 and MATH 310)

Bachelor of Science 2023-24**Chemistry Major Professional Emphasis****Major Code CH00****CIP Code: 400501****Cr Hrs**

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 140)	
Area 3B	Natural science With Lab (PHYS 160)'	
Area 4	Mathematics (MATH 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Chemistry Requirements		47
CHEM 140	General Chemistry I***	3
CHEM 141	General Chemistry I Lab***	2
CHEM 142	General Chemistry II	5
CHEM 201	Analytical Chemistry	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry I	3
CHEM 400	Elementary Physical Chemistry	4
CHEM 402	Physical Chemistry II	4
CHEM 422	Advanced Inorganic Chemistry	3
CHEM 497	Research in Chemistry	2
CHEM 427	Instrumental Analysis	5
CHEM 460	Chemistry Capstone	1
Supporting Requirements		18
PHYS 270	General Physics I***	4
PHYS 290	General Physics II***	4
PHYS 291	General Physics II Lab	1
MATH 150	Calculus with Analytic Geometry I***	5
MATH 250	Calculus with Analytic Geometry II	4
Electives		22
Total Hours	Must include at 39 upper division (300-400) hrs	120

*CHEM 140 and PHYS 270 satisfy CORE 42 area 3A&B (7 hours) and math requirements satisfy CORE 42 area 4 (3 hours).

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

***See Prerequisites

****Suggested Electives (CHEM 427, CHEM 431, MATH 260, MATH 322, PHYS 341, PHYS 372)

Associate of Science**CIS-Information Systems****Major Code CI07****CIP Code: 110201****Cr Hrs**

General Education CORE 42 Requirements 23*		20
Area 1A	Social & Behavioral Sciences	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	3
Area 2B	Oral Communication	3
Area 3	Natural Science	3
Area 4	Mathematics (MATH 130)	
Area 5A	Humanities/Fine Arts	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
CIS Requirements		27
CIS 110	Programming I	3
CIS 202	Information Systems I	3
CIS 210	Programming II	3
CIS 310	Database Management Systems I	3
CIS 410	Information Systems II	3
CIS	Electives**	12
Supporting Requirements		3
MATH 130	College Algebra (or above)	3
General Electives		9
Total Hours	Must include at 39 upper division (300-400) hrs	60

*** Math course satisfies Gen. Ed. Area 4******CIS electives - may not select CIS 105 or 305.**

Bachelor of Science 2023-24**CIS Information Technology Option****Major Code CI04****CIP Code: 110101****Cr Hrs**

General Education CORE 42 Requirements 42*		39
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 130,135,140,150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience (met by IET 105)	
CIS Core Requirements		30
CIS 110	Programming I	3
CIS 202	Information Systems I	3
CIS 210	Programming II	3
CIS 308	Website Administration I	3
CIS 310	Database Management Systems I	3
CIS 315	Computer Networks	3
CIS 340	Website Administration II	3
CIS 350	Data Structures	3
CIS 410	Information Systems II	3
CIS 425	Database Management Systems II	3
CIS Professional Electives Choose to total		12
CIS 298	Topics in Computer Information Science (3)	
CIS 325	Windows Lan Administration (3)	
CIS 345	UNIX System Admin (3)	
CIS 355	Enterprise Network Admin & Security (3)	
CIS 385	Mobile Application Development (3)	
CIS 395	App Development for IOS Devices (3)	
CIS 405	Cryptography & .NET Security (3)	
CIS 440	Computer Forensics I (3)	
CIS 445	Computer Forensics II (3)	
CIS 491	Internship in CIS (maximum of 6 hours)	
CIS 498	Adv. Topics in Computer Information Science (3)	
CIS 499	Independent Study (3)	

Supporting Requirements		27-29
ACCT 201	Financial Accounting	3
CIS 240	Python Programming	3
CIS 390	Introduction to Big Data Analytics	3
IET 105	Professional Skills	3
IET 205	Computer Application & Cost Analysis	3
IET 301	Project Mgmt Fundamentals & Application	3
MATH 310	Elementary Statistics	3
Choose one from the following		3-5
MATH 130	College Algebra (3)	
MATH 135	Trigonometry (3)	
MATH 140	Algebra & Trigonometry (5)	
MATH 150	Calculus I (5)	
Choose one from the following		3
ACCT 202	Managerial Accounting	
GB 301	Legal Environment of Business I	
IET 350	Industrial Supervision	
MET 220	Programmable Logic Control	
General Electives		10-12
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 4 met by required MATH in supporting requirements area

***May not select CIS 105 or 305. At most 6 hours may be CIS 491

*** Students must choose electives in such a way that at least two CIS certificates are earned.

Bachelor of Science 2023-2024**CIS Information Technology Option****Major Code CI12****Certificate in Continuous Process Improvement****Code IE86****CIP Code: 110101****Cr Hrs**

General Education CORE 42 Requirements 42*		39
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 130 or above)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience** (met by IET 105)	0
Engineering Technology Supporting Requirements		6
IET 105	Professional Skills	3
IET 301	Project Management Fundamentals & Applications	3
CIS Core Requirements		30
CIS 110	Programming I	3
CIS 202	Information Systems I	3
CIS 210	Programming II	3
CIS 308	Website Administration I	3
CIS 310	Database Management Systems I	3
CIS 315	Computer Networks	3
CIS 340	Website Administration II	3
CIS 350	Data Structures	3
CIS 410	Information Systems II	3
CIS 425	Database Management Systems II	3
Professional Electives		6
Any courses with a MET, IET, or CIS prefix except CIS 105 & CIS 305		
CIS Supporting Requirements		9
CIS 240	Python Programming	3
CIS 390	Introduction to Big Data Analytics*	3
MATH 130	College Algebra*	3
Supporting Concentration IE86 Certificate		18
IET 205	Computer Applications and Cost Analysis	3
GB 321 or IET 315 or MATH 310 OR PSY 320 Statistics		3
IET 320	Applied Statistical Control	3
IET 355	Work Measurement Ergonomics	3
IET 380	Principles of Lean	3
IET 470	Six Sigma Methodology	3
General Electives		12
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 4 met by required MATH in supporting requirements area

***May not select CIS 105 or 305. At most 3 hours may be CIS 491

Bachelor of Science 2023-24 AY **Major Code CI05**
CIS and Criminal Justice Computer Forensics Option
CIP Code: 110101 **Cr Hrs**

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences (CJ 100 3 hrs)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 130,135,140,150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
CIS Requirements		30
CIS 110	Programming I	3
CIS 202	Information Systems I	3
CIS 210	Programming II	3
CIS 308	Website Administration I	3
CIS 310	Database Management Systems I	3
CIS 315	Computer Networks	3
CIS 340	Website Administration II	3
CIS 350	Data Structures	3
CIS 410	Information Systems II	3
CIS 425	Database Management Systems II	3
CJ Core Requirements		33
CJ 100	Introduction to Criminal Justice*	3
CJ 200	Crime Scene Investigation I	3
CJ 210	Criminal Procedures	3
CJ 432	Ethics in Criminal Justice	3
CJ 250	Criminal Law	3
CJ 280	Professional Writing in Criminal Justice	3
CJ 330	Asset Protection	3
CJ 340	Crime Scene Investigation II	3
Upper Division Electives		9
Supporting Requirement		9
MATH 130	College Algebra*	3
CIS 440	Computer Forensics I	3
CIS 445	Computer Forensics II	3
Electives		11
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 4 met by required MATH in supporting requirements area,
Area 1A met by CJ 100

Bachelor of Science 2023-34 AY**CIS and Mathematics Major****CIP Code: 110101****Major Code CI02****Cr Hrs**

General Education CORE 42 Requirements 42*		35
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab **	3
Area 3B	Natural science With Lab (PHYS 270)	
Area 4	Mathematics (MATH 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
CIS Core Requirements		30
CIS 110	Programming I	3
CIS 202	Information Systems I	3
CIS 210	Programming II	3
CIS 308	Website Administration I	3
CIS 310	Database Management Systems I	3
CIS 315	Computer Networks	3
CIS 340	Website Administration II	3
CIS 350	Data Structures	3
CIS 410	Information Systems II	3
CIS 425	Database Management Systems II	3
Mathematics Requirements		34
MATH 150	Calculus with Analytic Geometry I*	5
MATH 250	Calculus with Analytic Geometry II	4
MATH 260	Calculus with Analytic Geometry III	4
MATH 300	Fundamentals of Mathematical Thought	3
MATH 340	Discrete Mathematics	3
MATH 350	Introduction to Numerical Analysis	3
MATH 351	Linear Algebra	3
MATH 361	Probability and Statistics I	3
MATH 371	Introduction to Operations Research	3
MATH 421	Introduction to Advanced Calculus	3
Math Supporting Requirements Choose one:		4-5
CHEM 140/141	General Chemistry w/lab (5)	
PHYS 160	Elementary College Physics (4)	
PHYS 270	General Physics I (4)	
CIS Supporting Requirements		6
CIS 240	Python Programming	3
Cis 390	Introduction to Big Data Analytics	3
Electives		9-10
Total Hours	Must include at 39 upper division (300-400) hrs	120

Same program as the Bachelor of Science in Mathematics; Computational Mathematics option. Students selecting this option will graduate with a double major in Computer Information Science and Mathematics.

* Gen. Ed. Core 42 requirements Area 4 met by required MATH, Area 3A and 3B met by CHEM 140 and PHYS

** Natural Science Non-Lab - not PHYS prefix with the exception of Astronomy

Bachelor of Arts 2022-23**Communication: Mass Requirements****Major Code CO02****CIP Code: 090101****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (COMM 100)	
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (language for 3 hrs)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (language)	
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Modern Language (courses in same prefix)		10-12
Communication Core		24
COMM 100	Oral Communication*	3
COMM 101	Introduction to Human Communication	3
COMM 111	Newsriting	3
COMM 215	Interpersonal Communication***	3
COMM 310	Communication Law	3
COMM 333	Media Editing and Design	3
COMM 420	Mass Communications Theory**	3
COMM 492	Communication Issues****	3
BA Mass Communication Requirements		23
COMM 220	Practicum in Communication	1
COMM 301	Media Management	3
COMM 303	Advanced Public Speaking**	3
COMM 307	Professional Interviewing	3
COMM 325	Broadcast News Reporting**	3
COMM 330	Advanced Communications Practicum***	1
Select One (in addition to core)		1
COMM 220	Practicum in Communication (1)	
COMM 330	Advanced Practicum (1)	
Select One: 3 Hours		3
COMM 200	Audio Production for Media (3)	
COMM 201	Video Production (3)	
COMM 431	Electronic Field Production (3)	
Communication Electives		5
General Electives		27-29
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 2B met by COMM 100, 6 hours of modern language can meet Area 5A or 3 hrs to 5A and 3

***See prerequisites

Bachelor of Arts 2022-23**Communication: Public Relations****Major Code CO00****CIP Code: 090101****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (COMM 100)	
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (language for 3 hrs)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (language)	
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Modern Language (courses in same prefix)		10-12
Communication Core		24
COMM 100	Oral Communication*	3
COMM 101	Introduction to Human Communication	3
COMM 111	Newsriting	3
COMM 215	Interpersonal Communication***	3
COMM 310	Communication Law	3
COMM 333	Media Editing and Design	3
COMM 420	Mass Communications Theory**	3
COMM 492	Communication Issues****	3
Public Relations Requirements		23
COMM 211	Introduction to Public Relations	3
COMM 306	Persuasion	3
COMM 355	Case Studies in Public Relations****	3
COMM 410	Crisis Communication	3
COMM 455	Writing for Public Relations	3
Select One: 3 Hours		3
COMM 200	Audio Production for Media (3)	
COMM 201	Video Production (3)	
COMM 431	Electronic Field Production (3)	
Communication Electives		5
General Electives		27-29
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 2B met by COMM 100, 6 hours of modern language can meet Area 5A or 3 hrs to 5A and 3 hours to 5C.

***See prerequisites

Bachelor of Science**Communication: Mass Communication****Major Code CO06****CIP Code: 090101****Cr Hrs**

General Education CORE 42 Requirements 42*		39
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (COMM 100)	
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Communication Core		24
COMM 100	Oral Communication*	3
COMM 101	Introduction to Human Communication	3
COMM 111	Newsriting	3
COMM 215	Interpersonal Communication***	3
COMM 310	Communication Law	3
COMM 333	Media Editing and Design	3
COMM 420	Mass Communications Theory**	3
COMM 492	Communication Issues****	3
BS Mass Communication Requirements		35
COMM 200	Audio Production for Media**	3
COMM 201	Video Production	3
COMM 220	Practicum in Communications*** in addition to core	1
COMM 301	Media Management	3
COMM 302	Photo Communication	3
COMM 305	Intercultural Communication**	3
COMM 330	Advanced Practicum	1
COMM 340	Research Methods in Communication**	3
Select One (in addition to core)		1
COMM 220	Practicum in Communication (1)	
COMM 330	Advanced Practicum (1)	
Select Two		6
COMM 307	Professional Interviewing** (3)	
COMM 325	Broadcast News Reporting** (3)	
COMM 431	Electronic Field Production** (3)	
COMM 470	New Media Technology** (3)	
Select One:		3
COMM 335	Feature Writing (3)	
COMM 350	Sports Writing (3)	
COMM 425	Broadcasting Scriptwriting (3)	
Communication Electives (Internship suggested)		5
General Electives		21
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 2B met by COMM 100.

***See prerequisites

Bachelor of Science 2022-23**Communication: Public Relations****Major Code CO05****CIP Code: 090101****Cr Hrs**

General Education CORE 42 Requirements 42*		39
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (COMM 100)	
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Communication Core		24
COMM 100	Oral Communication*	3
COMM 101	Introduction to Human Communication	3
COMM 111	Newswriting	3
COMM 215	Interpersonal Communication***	3
COMM 310	Communication Law	3
COMM 333	Media Editing and Design	3
COMM 420	Mass Communications Theory**	3
COMM 492	Communication Issues****	3
Communication: Public Relations Requirements		35
COMM 211	Introduction to Public Relations	3
COMM 300	Organizational Communication	3
COMM 305	Intercultural Communication**	3
COMM 340	Research Methods in Communication**	3
COMM 355	Case Studies in Public Relations**	3
COMM 410	Crisis Communication	3
COMM 455	Writing for Public Relations*	3
Select One		1
COMM 220	Practicum in Communication (1)	
COMM 330	Advanced Practicum (1)	
Select One:		3
COMM 200	Audio Production for Media** (3)	
COMM 201	Video Production (3)	
COMM 431	Electronic Field Production (3)	
Select Two: 6 Hours		6
COMM 301	Media Management (3)	
COMM 303	Advanced Public Speaking (3)	
COMM 304	Small Group Communication** (3)	
COMM 306	Persuasion (3)	
COMM 308	Gender Communication (3)	
COMM 401	Nonverbal Communication (3)	
COMM 470	New Media Technology** (3)	
Communication Electives (Internship suggested)		4
General Electives		21
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 2B met by COMM 100.

***See prerequisites

Bachelor of Science
Criminal Justice 2023-24 AY
CIP Code: 430103

Major Code CJ01

Cr Hrs

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences (3 hrs CJ 100)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (CJ 301 or CJ 370)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Criminal Justice Requirements		39
CJ 100	Introduction to Criminal Justice*	3
CJ 210	Criminal Procedure	3
CJ 250	Criminal Law	3
CJ 270	Police and Society	3
CJ 275	The Juvenile Justice System	3
CJ 280	Professional Writing in Criminal Justice*	3
CJ 301	International Justice Systems^	3
CJ 305	Criminal Justice Research Methods	3
CJ 365	Criminal Justice Theory and Policy	3
CJ 412	Correctional Practices*	3
CJ 432	Ethics in Criminal Justice	3
CJ 455	Interview and Interrogation	3
CJ 495	Capstone in Criminal Justice	3
Select from the following list of major course electives		12
CJ 180	Basic Law Enforcement Academy I*# (13)	
CJ 181	Basic Law Enforcement Academy II*# (13)	
CJ 200	Crime Scene Investigation I (3)	
CJ 220	Crime Scene Photography (3)	
CJ 225	Patrol Procedures (3)	
CJ 230	Community Policing (3)	
CJ 260	Firearms I (3)	
CJ 290	Police Supervision & Management (3)	
CJ 298	Topics in Criminal Justice* (3)	
CJ 300	Criminal Investigation (3)	
CJ 302	Comparative Criminal Justice Systems & Cultures (3)	
CJ 310	Traffic Accident Investigation & Control* (3)	
CJ 315	Firearms II (3)	
CJ 320	Probation and Parole* (3)	
CJ 330	Asset Protection* (3)	
CJ 340	Crime Scene Investigation II* (3)	
CJ 350	Fish/Game Enforcement (3)	
CJ 370	International Terrorism*^ (3)	
CJ 390	Crime Analysis* (3)	

CJ 400	Homicide Investigation I* (3)	
CJ 405	Homicide Investigation II* (3)	
CJ 410	Juvenile Procedures*	
CJ 411	Juvenile Corrections* (3)	
CJ 430	Family Violence* (3)	
CJ 440	Victimology* (3)	
CJ 450	Criminal Evidence* (3)	
CJ 460	Cultural Diversity and Racial Disparity* (3)	
CJ 475	Organized Crime* (3)	
CJ 485	Child Exploitation & Pornography Investigation* (3)	
CJ 487	Rape & Sexual Assault Investigation* (3)	
CJ 491	Internship in Criminal Justice Administration* (4-8)	
CJ 498	Advanced Topics in Criminal Justice* (1-3)	
CJ 499	Independent Study in Criminal Justice* (1-6)	
PSC 303	Mock Trial Workshop (1) may be taken up to 3 times	
PSC 431	Constitutional Law I (3)	
PSC 432	Constitutional Law II (3)	
Electives		32
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 1A 3 hours met by CJ 100, Area 5C met by CJ 301 or CJ 370

#Only 13 hours of the Basic Law Enforcement Academy will be applied to the 15 hour elective requirement

See course descriptions for prerequisites.

Bachelor of Science 2023-24 AY **Major Code CJ00**
CIS and Criminal Justice Computer Forensics Option
CIP Code: 430103 **Cr Hrs**

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences (3 hrs CJ 100)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 130,135,140,150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
CJ Core Requirements		33
CJ 100	Introduction to Criminal Justice*	3
CJ 200	Crime Scene Investigation I	3
CJ 210	Criminal Procedures	3
CJ 250	Criminal Law	3
CJ 280	Professional Writing in Criminal Justice	3
CJ 330	Asset Protection	3
CJ 340	Crime Scene Investigation II	3
CJ 432	Ethics in Criminal Justice	3
Upper Division Electives		9
CIS Requirements		30
CIS 110	Programming I	3
CIS 202	Information Systems I	3
CIS 210	Programming II	3
CIS 308	Website Administration I	3
CIS 310	Database Management Systems I	3
CIS 315	Computer Networks	3
CIS 340	Website Administration II	3
CIS 350	Data Structures	3
CIS 410	Information Systems II	3
CIS 425	Database Management Systems II	3
Supporting Requirement		9
MATH 130	College Algebra*	3
CIS 440	Computer Forensics I	3
CIS 445	Computer Forensics II	3
Electives		11
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 4 met by required MATH in supporting requirements area,
area 1A 3 of 6 hours met by CJ 100

Associate of Science Law Enforcement (Option A) 2023-24 AY
Department of Criminal Justice **Major Code LE00**
CIP Code: 430107 **Cr Hrs**

General Education CORE 42 Requirements 23*		20
Area 1A	Social & Behavioral Sciences - met by CJ 100	0
Area 1B	Civic Engagement	3
Area 2A	Written Communication	3
Area 2B	Oral Communication	3
Area 3	Natural Science	3
Area 4	Mathematics	3
Area 5A	Humanities/Fine Arts	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Law Enforcement Requirements		39
CJ 100	Introduction to Criminal Justice	3
CJ 210	Criminal Procedure	3
CJ 250	Criminal Law	3
CJ 270	Police and Society	3
CJ 280	Professional Writing in Criminal Justice	3
Electives	(advisor approved CJ electives)	24
Total Hours		60

CJ 100 meets general education core 42 area 1A for 3 credit hours

Associate of Science Law Enforcement (Option B) 202-24 AY
Department of Criminal Justice **Major Code LE01**
CIP Code: 430107 **Cr Hrs**

General Education CORE 42 Requirements 23*		20
Area 1A	Social & Behavioral Sciences - met by CJ 100	0
Area 1B	Civic Engagement	3
Area 2A	Written Communication	3
Area 2B	Oral Communication	3
Area 3	Natural Science	3
Area 4	Mathematics	3
Area 5A	Humanities/Fine Arts	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Law Enforcement Requirements		39
CJ 100	Introduction to Criminal Justice	3
CJ 180	Basic Law Enforcement Academy	13
CJ 181	Basic Law Enforcement Academy II	13
CJ 270	Police and Society	3
Electives	(advisor approved CJ electives)	7
Total Hours		60

CJ 100 meets general education core 42 area 1A for 3 credit hours

Associate of Science**Dental Hygiene 2023-24 AY****Major Code DH00****CIP Code: 510602****Cr Hrs**

General Education CORE 42 Requirements 23*		17
Area 1A	Social & Behavioral Sciences (PSY 100 or SOC 110)	
Area 1B	Civic Engagement	3
Area 2A	Written Communication	3
Area 2B	Oral Communication	3
Area 3	Natural Science (BIO 121)	
Area 4	Mathematics	3
Area 5A	Humanities/Fine Arts	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Dental Hygiene Requirements		75
DH 101	Fundamentals of Dental Hygiene	3
DH 103	Fundamentals of Dental Hygiene I-Lab	2
DH 105	Fundamentals of Instrumentation***	2
DH 120	Dental Hygiene Concepts	2
DH 140	Dental Morphology	1
DH 150	Oral Histology and Embryology	3
DH 160	Dental Radiology Lecture	3
DH 165	Dental Radiology Lab	1
DH 180	Medical Emergencies	1
DH 190	Clinical Dental Hygiene I**	4
DH 210	Pain Management.	2
DH 220	Dental Materials	1
DH 225	Dental Materials Lab	1
DH 290	Clinical Dental Hygiene II***	4
DH 295	Seminar in Dental Hygiene I	1
DH 300	Community Dental Health Education	3
DH 301	Community Health Practicum	1
DH 310	Nutrition	2
DH 315	Ethics & Jurisprudence in Dental Hygiene	1
DH 320	Pharmacology	2
DH 325	Dental Practice Management	1
DH 340	Oral Pathology	3
DH 350	Periodontics	2
DH 390	Clinical Dental Hygiene III***	4
DH 395	Senior Seminar	1
Anatomy/Physiology Requirement		9
BIO 121/221	Human Anatomy & Physiology I* and II (4 & 5 cr hrs)	
OR		
BIO 201/301	Human Anatomy/Human Physiology (5 & 4 cr hrs)	
BIO 231	General and Medical Microbiology***	5
CHEM 121	Chemistry for Allied Health Science@	3
CHEM 122	Chemistry for Allied Health Science Lab@	1
PSY 100	General Psychology*	3
SOC 110	Introduction to Sociology*	3
Total Hours		93

*Gen. Ed. Requirements Area 3 satisfied by BIO 121 and Area 1A satisfied by PSY 100 or SOC 110

@CHEM 121 and 122 or CHEM 140 and 141 General Chemistry meet the Dental Hygiene requirement

Bachelor of Arts 2023-24 AY**English: Literary Studies Emphasis****Major Code EN03****CIP Code: 230101****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (Eng Lit courses 6 cr hrs)	
Area 5B	Fine Arts	3
Area 5C	Global Competencies (language)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Modern Language (courses in same prefix)		10-12
English Requirements		45
Foundations of English Study		
ENG 202	Writing & Research in English	3
Study of the English Language		3
ENG 301	Introduction to English Linguistics (3)	
	OR	
ENG 400	History of the English Language	
Advanced Writing		
ENG 310	Professional Writing	3
One course from ENG 216, 312, 313 OR 315		3
Literature Surveys choose 4 across 3 emphasis areas		12
ENG 261	World Literature: Ancient-16th Century (3)	
ENG 262	World Literature: 16th Century-Present (3)	
ENG 271	British Literature: Medieval-18th Century (3)	
ENG 272	British Literature: 18th Century-Present (3)	
ENG 281	American Literature: Beginning-19th Century (3)	
ENG 282	American Literature: 19th Century-Present (3)	
Diversity in Literature Choose One		3
ENG 251	Black Literature (3)	
ENG 252	Ethnicities in American Literature (3)	
ENG 253	Women's Literature (3)	
Upper Division Literature (select 5 from the following)**		15
ENG 333	Literary Paris (3)	
ENG 361	Studies in World Literature (3)	
ENG 371	Studies in British Literature (3)	
ENG 381	Studies in American Literature (3)	
ENG 450	Shakespeare (3)	
ENG 480	Literary Theory and Criticism (3)	
Capstone Course		
ENG 495	Senior Seminar	3
General Electives		29-31
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 5A satisfied by 6 hours of English literature, Area 5C satisfied by 3 hours of modern language .

**ENG 361, ENG 371, and ENG 381 are special topics courses that may be taken more than once as different topics

Bachelor of Science

English: Literary Studies Emphasis 2021-22

CIP Code: 230101

EN05

Cr Hrs

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (Eng Lit courses 6 cr hrs)	
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
English Requirements		48-55
Foundations of English Study		3
ENG 202	Writing & Research in English (3)	
Study of the English Language		6
ENG 301	Introduction to English Linguistics (3)	
ENG 400	History of the English Language (6)	
Advanced Writing		6
ENG 310	Professional Writing (3)	
One course from ENG 216, 312, 313 OR 315 (3)		
Literature Surveys choose 4 across 3 emphasis areas		12
ENG 261	World Literature: Ancient-16th Century (3)	
ENG 262	World Literature: 16th Century-Present (3)	
ENG 271	British Literature: Medieval-18th Century (3)	
ENG 272	British Literature: 18th Century-Present (3)	
ENG 281	American Literature: Beginning-19th Century (3)	
ENG 282	American Literature: 19th Century-Present (3)	
Diversity in Literature Choose One		3
ENG 251	Black Literature (3)	
ENG 252	Ethnicities in American Literature (3)	
ENG 253	Women's Literature (3)	
Upper Division Literature (select 5 from the following)**		15
ENG 319	Teaching Writing in Middle & Secondary School (3)&	
ENG 330	Young Adult Literature(3)&	
ENG 333	Literary Paris (3)	
ENG 361	Studies in World Literature (3)**	
ENG 371	Studies in British Literature (3)**	
ENG 381	Studies in American Literature (3)**	
ENG 450	Shakespeare (3)	
ENG 480	Literary Theory and Criticism (3)	
Capstone Course (select one)		3-10
ENG 495	Senior Seminar (3)	
EDUC 452	Student Teaching (10)&	
EDUC 462	Student Teaching (10)&	
General Electives		28-35

Total Hours	Must include at 39 upper division (300-400) hrs	120
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*Gen. Ed. Core 42 Area 5A satisfied by 6 hours of English literature (ENG 261/262, ENG 271/272, ENG 281/282)

** ENG 361, ENG 371, and ENG 381 are special topics courses that may be repeated with different topics

& counts only for students also enrolled in the Teacher Education program

Bachelor of Arts 2023-24 AY**English: Professional/Technical Writing****Major Code EN04****CIP Code: 230101****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (Eng Lit courses 6 cr hrs)	
Area 5B	Fine Arts	3
Area 5C	Global Competencies (language)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Modern Language (courses in same prefix)		10-12
English Requirements		45
Foundations of English Study		
ENG 202	Writing & Research in English	3
Study of the English Language		3
ENG 301	Introduction to English Linguistics (3)	
	OR	
ENG 400	History of the English Language (3)	
Post-Freshman Composition Writing		3
ENG 216	Creative Writing (3)	
	OR	
ENG 315	Advanced Essay Writing (3)	
Professional/Technical Writing		
ENG 310	Professional Writing	3
ENG 312	Advanced Professional Writing	3
ENG 313	Technical Writing	3
Coursework in Related Disciplines (choose one)		3
COMM 300	Organizational Communication (3)	
COMM 305	Intercultural Communication (3)	
COMM 360	Visual Communication: Images with Messages(3)	
Literature Surveys choose 3		9
ENG 261	World Literature: Ancient-16th Century (3)	
ENG 262	World Literature: 16th Century-Present (3)	
ENG 271	British Literature: Medieval-18th Century (3)	
ENG 272	British Literature:18th Century-Present (3)	
ENG 281	American Literature: Beginning-19th Century (3)	
ENG 282	American Literature: 19th Century-Present (3)	
Diversity in Literature Choose One		3
ENG 251	Black Literature (3)	
ENG 252	Ethnicities in American Literature (3)	
ENG 253	Women's Literature (3)	
Internship with Portfolio/English Electives		12
ENG 491	Internship in English (3-6)	
English Electives** (beyond College Composition) 6-9		

General Electives		29-31
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 5A satisfied by 6 hours of English literature, Area 5C satisfied by 3 hours of modern language .

** Must be beyond college composition and include at least 12 hours at 300-400 level. ENG 325 does not count

Bachelor of Science**Major Code EN06****English: Professional/Technical Writing 2021-22****CIP Code: 230101****Cr Hrs**

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (Eng Lit courses 6 cr hrs)	
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
English Requirements		48
Foundations of English Study		3
ENG 202	Writing & Research in English (3)	
English Language Core		6
ENG 301	Introduction to English Linguistics (3)	
ENG 400	History of the English Language (3)	
Post-Composition Writing		3
ENG 216	Creative Writing (3)	
	OR	
ENG 315	Advanced Essay Writing (3)	
Writing Core		15-18
ENG 310	Professional Writing (3)	
ENG 312	Advanced Professional Writing (3)	
ENG 313	Technical Writing (3)	
ENG 491	Writing Internship (at least 3 hrs, can be repeated for up to 6 hrs) 3-6	
Choose one: (3)		
COMM 300	Organizational Communication (3)	
COMM 305	Interpersonal Communication (3)	
COMM 360	Visual Communication (3)	
Literature Surveys choose 3		9
ENG 261	World Literature: Ancient-16th Century (3)	
ENG 262	World Literature: 16th Century-Present (3)	
ENG 271	British Literature: Medieval-18th Century (3)	
ENG 272	British Literature: 18th Century-Present (3)	
ENG 281	American Literature: Beginning-19th Century (3)	
ENG 282	American Literature: 19th Century-Present (3)	
Diversity in Literature Choose One		3
ENG 251	Black Literature (3)	
ENG 252	Ethnicities in American Literature (3)	
ENG 253	Women's Literature (3)	
Upper Division Literature (select 2 or 3 from the following)		6-9
ENG 333	Literary Paris (3)	
ENG 361	Studies in World Literature (3)**	
ENG 371	Studies in British Literature (3)**	

ENG 381	Studies in American Literature (3)**	
ENG 450	Shakespeare (3)	
ENG 480	Literary Theory and Criticism (3)	
General Electives		35
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Area 5A satisfied by 6 hours of English literature (ENG 261/262, ENG 271/272, ENG 281/282)

** ENG 361, ENG 371, and ENG 381 are special topics courses that may be repeated with different topics

Bachelor of Science 2023-24 AY**Entrepreneurship****Major Code MM05****CIP: 520701**

Cr Hrs

General Education CORE 42 Requirements 42*		42
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 125 recommended)	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (IB 310 elective)	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Required Courses		39
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ENT 200	Entrepreneurship and Opportunities	3
ENT 350	Small Business Management	3
ENT 360	Financial Management for New Ventures	3
ENT 410	Ideation and Innovation	3
ENT 430	New Venture Planning	3
ENT 440	Entrepreneurship Analysis	3
ENT 450	New Venture Formation	3
GB 321	Business Statistics I	3
MGMT 237	Using Information Systems	3
MRKT 300	Principles of Marketing	3
MRKT 405	eMarketing*	3
Elective Courses: Select 15 Hours		15
COMM 215	Interpersonal Communication (3)	
COMM 305	Intercultural Communication (3) or HS 305	
ENT 310	Entrepreneurial Marketing (3)	
ENT 320	Legal Aspects for New Ventures (3)	
ENT 380	Socia Entrepreneurship (3)	
ENT 491	Internship in Entrepreneurship (1-3)	
ENT 498	Advanced Topics in Entrepreneurship (3)	
ENT 499	Entrepreneurship Independent Study)3)	
GB 301	Legal Environment of Business (3)	
GB 320	Business Communication (3)	
GB 337	Excel Skills for Professionals (3)	
IB 310	International Business*	
MGMT 350	Fundamentals of Organizational Management (3)	
MGMT 352	Human Resource Management (3)	
MRKT 321	Professional Sales and Sales Management (3)	
MRKT 401	Integrated Marketing Communications (3)	
MRKT 432	Consumer Behavior (3)	
All Marketing classes have a prerequisite of MRKT 300		
Electives	as needed to total 120 credit hours	23
Total	Must include at 39 upper division (300-400) hrs	120

*Elective IB 310 completes general education area 5C

Bachelor of Applied Science 2023-24 AY**Environmental Health and Safety****Major Code BAS1/BAS2****CIP Code: 512202****Cr Hrs**

Associate's Degree		60
Environmental Health and Safety track:		39
EH 311	Soils for Environmental Health & Safety	2
EH 370	Environmental Health & Safety	3
EH 371	Environmental Toxicology	3
EH 372	Environmental Regulations	3
EH 373	Solid and Hazardous Waste Management	3
EH 374	Industrial Hygiene	3
EH 375	Disease Vector Control	1
EH 376	Water Quality Management	3
EH 377	Food Safety	3
EH 378	Occupational Health and Safety	3
EH 379	Career Planning for Env Health & Safety	1
EH 380	Epidemiology	3
EH 382	Epidemiological Statistics	1
EH 410	Hazardous Incident Management	2
EH 411	Hazardous Material Safety	2
EH 481	Environmental Risk & Safety Mgmt	3
Critical Career Competencies		10-11
EH 107	Environmental Science	3
CHEM 121/122 (4) or CHEM 140/141 (5)		4-5
COMM 205 or COMM 305 or COMM 215		3
Suggested Electives: 4-5 credit hours		4-5
CHEM 210	Environmental Organic Chemistry (4)	
EH 211	HAZWOPER (3)	
EH 300	Environmental Geology (3)	
EH 304	Intro to Geographic Informational Systems (3)	
EH 312	Environmental Biology (3)	
EH 404	Applications in GIS (3)	
EH 495	Field Experience in EH&S (2)	
GB 320	Business Communication (3)	
PHIL 212 Ethics or PHIL 312 Biomedical Ethics (3)		
PHYS 150	Environmental Physics (3)	
PSC 122	Intro to International Relations (was PSC 321) (3)	
Other approved electives as approved by the EH&S program		
Essential Global Wisdom		6
MATH 125	Contemporary Mathematics or higher	3
Choose one from the following:		3
GEOG/PSC 257 The Urban World (3)		
GEOG 306/INTS 306/SOC 316 Intro to Global Health (3)		
INTS 301	Global Arts and Cultures (3)	
INTS 310	Food, Culture, and Society (3)	
INTS 370	Globalization and Native Peoples (3)	
PSC 122	Intro to International Relations (was PSC 321) (3)	
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements Area 3 met by science requirements, area 4 met by math requirements

***See prerequisites

Students must consult with their EHS advisor for suggestions on EHS related electives courses or other elective courses that will assist the student in attaining their career goals.

Students taking lower division environmental health and/or safety courses, such as those provided by associate degree programs, water/wastewater programs or the military, may count those courses as electives.

Students are required to earn a grade of "C" or better in all EH prefix courses.

Bachelor of Science 2023-24 AY
Environmental Health and Safety major Major Code EH02/EH04
CIP Code: 512202 Cr Hrs

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab BIO/CHEM (3)	
Area 3B	Natural science With Lab BIO/CHEM (4)	
Area 4	Mathematics MATH 130 or 140 or 150 (3)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Science and Math		29-33
BIO 101 or BIO 108 & 109 or BIO 121		4
BIO 231	General and Medical Microbiology	5
CHEM 140/141	General Chemistry I/Gen Chem I Lab	5
CHEM 142	General Chemistry II	5
CHEM 210 (4) or CHEM 301 (5)		4-5
PHYS 150 (3) or PHYS 160 (4)		3-4
MATH 130 or MATH 140 or MATH 150		3-5
Required EH Courses		44
EH 311	Soils for Environmental Health & Safety	2
EH 312	Environmental Biology	3
EH 370	Environmental Health & Safety	3
EH 371	Environmental Toxicology	3
EH 372	Environmental Regulations	3
EH 373	Solid and Hazardous Waste Management	3
EH 374	Industrial Hygiene	3
EH 375	Disease Vector Control	1
EH 376	Water Quality Management	3
EH 377	Food Safety	3
EH 378	Occupational Health and Safety	3
EH 379	Career Planning for Env Health & Safety	1
EH 380	Epidemiology	3
EH 382	Epidemiological Statistics	1
EH 410	Hazardous Incident Management	2
EH 411	Hazardous Material Safety	2
EH 481	Environmental Risk & Safety Mgmt	3
EH 495	Field Experience in EH&S (1-4 hrs)	2
General Electives		10-14
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements Area 3 met by science requirements, area 4 met by math requirements

***See prerequisites

For distance track (EH04)

- Biology with laboratory (BIO 101) - at least 3 semester hours, 5 quarter hours.
 - Microbiology with laboratory at least 3 semester hours, 5 quarter hours
 - General Chemistry with laboratories (CHEM 140/141, only fulfills 5 hrs) – at least a total of 6 semester hours or 10 quarter hours
 - Organic Chemistry with laboratory (CHEM 210 – at least a total of 3 semester hours or 5 quarter hours.
 - Physics (PHYS 150) – at least 3 semester hours or 5 quarter hours.
 - Additional Basic Science – (at least 6 semester hours or 10 quarter hours), basic sciences must total at least 24 hours
 - College Algebra (at least 3 hours or 5 quarter hours) or higher level
- Note this list of basic science and math courses is subject to periodic change by EHAC.

Students are required to earn a grade of "C" or better in all EH prefix courses.

Bachelor of Science 2022-23 AY**Exercise Science****Major Code KI02****CIP Code: 310599****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab (BIO 180 or 121 4 hrs)	
Area 4	Mathematics (MATH 130 or higher)	0
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness (KINE 103 or 113 2 hrs)	
UE 100	First Year Experience**	1
Kinesiology Requirements		46
KINE 113	Wellness for the Health Professional* (2)	
	OR	
KINE 103	Lifetime Wellness*	2
KINE 114	Fitness Programming & Assessment	2
KINE 220	First Aid and Sport Safety	2
KINE 292	Theory and Technique of Strength Training	2
KINE 295	Orientation to Health Promotion/Wellness	1
KINE 305	Aging and Health	2
KINE 340	Motor Learning	2
KINE 342	Biomechanical Analysis	3
KINE 345	Tests and Measurements in Physical Education	2
KINE 351	Exercise Interventions	3
KINE 352	Administration in Health Promotion	3
KINE 375	Physical Activity for Special Populations	3
KINE 380	Research Methods in Health & Exercise Science	2
KINE 385	Nutrition for Human Development	3
KINE 395	Practicum in Wellness	3
KINE 431	Physiology of Exercise	3
KINE 432	Physiology of Exercise, Laboratory	2
KINE 491	Internship in Wellness	6
Supporting Requirements		18
BIO 121	Human Anatomy and Physiology I/Lab	4
OR		
BIO 180	Essential Anatomy and Physiology/Lab (4)	
MATH 130	College Algebra or higher	3
BIO 201	Human Anatomy	5
OR		
BIO 221	Human Anatomy and Physiology II (5)	
PSY 221	Psych of Personal Adjustment	3
	OR	
PSY 205	Child and Adolescent Development (3)	
	OR	
PSY 432	Abnormal Psychology (3)	
GB 320	Business Communication	3

Supporting Electives - to total minimum of		25
BIO 301	Human Physiology***	4
CHEM 140	General Chemistry I***	3
CHEM 141	General Chemistry I Lab***	1
CHEM 142	General Chemistry II***	5
KINE 367	Socio-Psychological Aspects of Physical Education	3
MATH 135	Trigonometry	3
MRKT 300	Principles of Marketing	3
MGMT 350	Fundamentals of Organizational Management	3
MGMT 352	Human Resource Management	3
MGMT 441	Organizational Behavior	3
PHYS 162	Elementary College Physics II***	4
PSY 282	Fundamentals of Operant Conditioning	3
PSY 320	Applied Statistics***	3
Other approved electives		4
Total Hours	Must include at 39 upper division (300-400) hrs	123

*Gen. Ed. Core 42 Requirements - CHEM 140 3 hrs satisfies Area 3A, BIO 121 or 180 4 hrs satisfied Area 3B, required math (3 hrs) satisfies Area 4, KINE 103 or 113 2 hrs satisfies Area 5D.

*** Suggested courses for students pursuing the clinical track

Supporting electives are approved by the Kinesiology Department and selected with approval of a Kinesiology advisor. The Kinesiology advisor will assist students in selecting "supporting electives" appropriate to their career goals. The number of credit hours varies between 18-22.

Bachelor of Science in Business Administration 2023-24 AY
Finance Emphasis **Major Code FN10**
CIP: 520101 Cr Hrs

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (ECON 201/202)	
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 125 recommended)	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (IB 310)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Business Core*		39
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ECON 201	Principles of Economics – Macro*	3
ECON 202	Principles of Economics – Micro*	3
FIN 350	Financial Management	3
GB 301	Legal Environment of Business I	3
GB 320	Business Communication	3
GB 321	Business Statistics I	3
IB 310	International Business*	3
MGMT 237	Using Information Systems	3
OR		
CIS 305	Microcomputer Applications (3)	
MRKT 300	Principles of Marketing	3
MGMT 350	Fundamentals of Organizational Management	3
MGMT 452	Strategic Management***	3
Finance Major		27
ECON 300	Money and Financial Institutions	3
FIN 411	Investments	3
FIN 435	Financial Analysis	3
FIN 450	Financial Strategy	3
Choose one		3
ECON 301	Managerial Economics (3)	
ECON 302	Intermediate Macroeconomics (3)	
Choose one		3
FIN 400	Bank Management (3)	
FIN 421	Portfolio Management (3)	
Choose three		9
ACCT 312	Intermediate Accounting I (3)	
ACCT 322	Intermediate Accounting II (3)	
ECON 301	Managerial Economics (3)	
ECON 302	Intermediate Macroeconomics (3)	
ECON 410	Introduction to Econometrics (3)	
ECON 442	International Economics and Finance (3)	
FIN 101	Introduction to Personal Financial Planning (3)	
FIN 330	Principles of Insurance (3)	
FIN 400	Bank Management (3)	
FIN 421	Portfolio Management (3)	
FIN 491	Internship in Finance 1-6 (3)	
FIN 498	Advanced Topics in Finance 1-3 (3)	
FIN 499	Independent Study in Finance 1-6 (3)	
Electives		20
Total	Must include at 39 upper division (300-400) hrs	120

*ECON 201 and 202 satisfies CORE 42 area 1A (6 hrs). IB 310 satisfies CORE 42 area 5C (3 hrs)
MATH 125 recommended

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

***MGMT 452 should be taken during the last semester of university work.

Bachelor of Science in Business Administration 2023-24 AY

General Business Emphasis

Major Code GB00

CIP: 520101

Cr Hrs

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (ECON 201/202)	
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 125 recommended)	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (IB 310)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Business Core*		39
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ECON 201	Principles of Economics – Macro*	3
ECON 202	Principles of Economics – Micro*	3
FIN 350	Financial Management	3
GB 301	Legal Environment of Business I	3
GB 320	Business Communication	3
GB 321	Business Statistics I	3
IB 310	International Business*	3
MGMT 237	Using Information Systems	3
OR		
CIS 305	Microcomputer Applications (3)	
MRKT 300	Principles of Marketing	3
MGMT 350	Fundamentals of Organizational Management	3
MGMT 452	Strategic Management***	3
Required Courses choose 12 hrs from at least 4 of the following areas		12
Accounting:		
ACCT 309	Accounting Information Systems	
ACCT 385	Cost Accounting	
Finance/Economics:		
ECON 300	Money and Financial Institutions	
FIN 411	Investments	
FIN 450	Financial Strategy	
International Business:		
IB 400	International Marketing	
IB 410	International Management	
Management:		
MGMT 352	Human Resource Management	
MGMT 431	Operations Management	
MGMT 441	Organizational Behavior	
Marketing:		
MRKT 401	Integrated Marketing Communications	
MRKT 405	Internet Marketing	
MRKT 432	Consumer Behavior	
Advanced Business Electives (300 level or above)		12
Electives		23
Total	Must include at 39 upper division (300-400) hrs	120

*ECON 201 and 202 satisfies CORE 42 area 1A (6 hrs). IB 310 satisfies CORE 42 area 5C (3 hrs).

MATH 125 recommended

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

***MGMT 452 should be taken during the last semester of university work.

Bachelor of Science 2023-24 AY
Health Science: Dental Hygiene Option
CIP Code: 510000

Major Code HS01
Cr Hrs

General Education CORE 42 Requirements 42*		26
Area 1A	Social & Behavioral Sciences (PSY 100 & SOC 110)	
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 121)	
Area 3B	Natural science With Lab (BIO 121)	
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (HS 305)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Health Sciences Core		18
HS Core Required: 12 Hours		12
HS 305	Intercultural Communication	3
HS 350	Fundamentals of Organizational Management	3
HS 390	Health Systems	3
MGMT 352	Human Resource Management	3
HS Core Choose to Total 6 Credit Hours		6
HS 310	The Patient Experience (2)	
HS 312	Biomedical Ethics (3)	
HS 315	Population Health/Managed Care (2)	
HS 355	Healthcare Quality and Patient Safety (3)	
HS 360	Health Policy (3)	
HS 365	Healthcare Communication (3)	
HS 380	Epidemiology (3)	
HS 402	Evidence Based Practice (3)	
HS 410	Healthcare Marketing	
HS 420	Healthcare Management (2)	
HS 422	Healthcare Info Management (2)	
MGMT 411	Employment Law (3)	
MGMT 441	Organizational Behavior (3)	
STATS	MATH 310, GB 321, SOC 350 or PSY 320	

Dental Hygiene Requirements		75
DH 101	Fundamentals of Dental Hygiene	3
DH 103	Fundamentals of Dental Hygiene I-Lab	2
DH 105	Fundamentals of Instrumentation***	2
DH 120	Dental Hygiene Concepts	2
DH 140	Dental Morphology	1
DH 150	Oral Histology and Embryology	3
DH 160	Dental Radiology Lecture	3
DH 165	Dental Radiology Lab	1
DH 180	Medical Emergencies	1
DH 190	Clinical Dental Hygiene I**	4
DH 210	Pain Management.	2
DH 220	Dental Materials	1
DH 225	Dental Materials Lab	1
DH 290	Clinical Dental Hygiene II***	4
DH 295	Seminar in Dental Hygiene I	1
DH 300	Community Dental Health Education	3
DH 301	Community Health Practicum	1
DH 310	Nutrition	2
DH 315	Ethics & Jurisprudence in Dental Hygiene	1
DH 320	Pharmacology	2
DH 325	Dental Practice Management	1
DH 340	Oral Pathology	3
DH 350	Periodontics	2
DH 390	Clinical Dental Hygiene III***	4
DH 395	Senior Seminar	1
Anatomy/Physiology Requirement		9
BIO 121/221	Human Anatomy & Physiology I* and II (4 & 5 cr hrs)	
OR		
BIO 201/301	Human Anatomy/Human Physiology (5 & 4 cr hrs)	
BIO 231	General and Medical Microbiology***	5
CHEM 121	Chemistry for Allied Health Science@	3
CHEM 122	Chemistry for Allied Health Science Lab@	1
PSY 100	General Psychology*	3
SOC 110	Introduction to Sociology*	3
Upper Division Electives if needed		0
Total Hours	Must include at 39 upper division (300-400) hrs	120

Bachelor of Science 2023-24 AY**Health Science: Paramedic Option****Major Code HS06****CIP Code: 510000****Cr Hrs**

General Education CORE 42 Requirements 42*		29
Area 1A	Social & Behavioral Sciences (PSY 100 3 hrs)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 121)	
Area 3B	Natural science With Lab (BIO 121)	
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (HS 305)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Health Sciences Core		18
HS Core Required: 12 Hours		12
HS 305	Intercultural Communication	3
HS 350	Fundamentals of Organizational Management	3
HS 390	Health Systems	3
MGMT 352	Human Resource Management	3
HS Core Choose to Total 6 Credit Hours		6
HS 310	The Patient Experience (2)	
HS 312	Biomedical Ethics (3)	
HS 315	Population Health/Managed Care (2)	
HS 355	Healthcare Quality and Patient Safety (3)	
HS 360	Health Policy (3)	
HS 365	Healthcare Communication (3)	
HS 380	Epidemiology (3)	
HS 402	Evidence Based Practice (3)	
HS 410	Healthcare Marketing	
HS 420	Healthcare Management (2)	
HS 422	Healthcare Info Management (2)	
MGMT 411	Employment Law (3)	
MGMT 441	Organizational Behavior (3)	
STATS	MATH 310, GB 321, SOC 350 or PSY 320	
EMT/Paramedic Certificate Requirements		47
PARA 220	Emergency Medical Technician	9
PARA 248	Introduction to Paramedic Skills	2
PARA 251	EMS Foundations	2
PARA 252	EMS Pharmacology	2
PARA 253	PARA 0253 - EMS Pathophysiology	2
PARA 254	Pulmonology	2
PARA 255	Paramedic Skills	3
PARA 256	Pre-Hospital Cardiology	2
PARA 272	Traumatology	4
PARA 273	Emergency Medical Care	3
PARA 275	Advanced Paramedic Skills	3
PARA 292	EMS Operations	1
PARA 293	Special Patient Populations	1
PARA 370	Clinical Practicum	3
PARA 390	Field Internship	3
PARA 391	Capstone Field Internship	4
PARA 395	EMS Seminar	1

Additional Requirements		20
BIO 121	Human Anatomy and Physiology I*	4
CHEM 121	Chemistry for Allied Health Science*@	3
CHEM 122	Chemistry for Allied Health Science Lab@	1
PSY 100	General Psychology*	3
PARA 401	EMS Systems	3
PARA 402	EMS Leadership	3
PARA 411	EMS Research	3
Electives		5
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Requirements Area 1A 3 of 6 hours satisfied by PSY 100, Area 3A & 3B satisfied by BIO 121 and CHEM 121 (7 hrs), Area 5C satisfied by HS 305 (3 hrs)

Bachelor of Science 2023-24 AY**Health Science: Radiologic Technology Option****Major Code HS02****CIP Code: 510000****Cr Hrs**

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences (PSY 100 3 hrs)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (HS 305)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Health Sciences Core		18
HS Core Required: 12 Hours		12
HS 305	Intercultural Communication	3
HS 350	Fundamentals of Organizational Management	3
HS 390	Health Systems	3
MGMT 352	Human Resource Management	3
HS Core Choose to Total 6 Credit Hours		6
HS 310	The Patient Experience (2)	
HS 312	Biomedical Ethics (3)	
HS 315	Population Health/Managed Care (2)	
HS 355	Healthcare Quality and Patient Safety (3)	
HS 360	Health Policy (3)	
HS 365	Healthcare Communication (3)	
HS 380	Epidemiology (3)	
HS 402	Evidence Based Practice (3)	
HS 410	Healthcare Marketing	
HS 420	Healthcare Management (2)	
HS 422	Healthcare Info Management (2)	
MGMT 411	Employment Law (3)	
MGMT 441	Organizational Behavior (3)	
STATS	MATH 310, GB 321, SOC 350 or PSY 320	
Other Requirements		7
BIO 121	Human Anatomy and Physiology I*	4
PSY 100	General Psychology*	3

Radiology Requirements		60
RAD 100	Basic Concepts in Radiology	3
RAD 101	Introduction to Radiology	3
RAD 110	Clinical Training I	2
RAD 111	Medical Terminology	3
RAD 132	Principles of Radiographic Exposure	4
RAD 142	Radiographic Positioning I	4
RAD 170	Radiologic Physics	3
RAD 210	Clinical Training II	2
RAD 241	Radiographic Positioning II	3
RAD 270	Radiographic Pathology	3
RAD 300	Clinical Training III	2
RAD 301	Image Critique and Quality Management in Radiology	2
RAD 320	Radiographic Positioning III	3
RAD 340	Clinical Training IV	3
RAD 350	Patient Care and Radiation Protection in Radiology	3
RAD 360	Clinical Training V	3
RAD 370	Special Topics in Radiology.	3
RAD 399	Advanced Radiology	3
BIO 221	Human Anatomy and Physiology II	5
BIO 240	Radiation Biology	3
Electives		2
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Requirements Area 1A 3 of 6 hours satisfied by PSY 100, Area 3B satisfied by BIO 121 (4 hrs), Area 5C satisfied by HS 305 (3 hrs)

Students who transfer with an Associate's Degree in Radiology may qualify for upper division retro-credit hours. See department for details.

Bachelor of Science 2023-24 AY**Health Science: Respiratory Therapy Option****Major Code HS03****CIP Code: 510000****Cr Hrs**

General Education CORE 42 Requirements 42*		35
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab (BIO 121)	
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (HS 305)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Health Sciences Core		18
HS Core Required: 12 Hours		12
HS 305	Intercultural Communication	3
HS 350	Fundamentals of Organizational Management	3
HS 390	Health Systems	3
MGMT 352	Human Resource Management	3
HS Core Choose to Total 6 Credit Hours		6
HS 310	The Patient Experience (2)	
HS 312	Biomedical Ethics (3)	
HS 315	Population Health/Managed Care (2)	
HS 355	Healthcare Quality and Patient Safety (3)	
HS 360	Health Policy (3)	
HS 365	Healthcare Communication (3)	
HS 380	Epidemiology (3)	
HS 402	Evidence Based Practice (3)	
HS 410	Healthcare Marketing	
HS 420	Healthcare Management (2)	
HS 422	Healthcare Info Management (2)	
MGMT 411	Employment Law (3)	
MGMT 441	Organizational Behavior (3)	
STATS	MATH 310, GB 321, SOC 350 or PSY 320	

Respiratory Therapy Requirements		61
BIO 121	Anatomy and Physiology I*	4
RESP 101	Respiratory Therapy Foundations	3
RESP 102	Cardiopulmonary Sciences	3
RESP 105	Cardiopulmonary Anatomy and Physiology	3
RESP 107	Respiratory Therapy Procedures	3
RESP 108	Respiratory Procedures Lab	3
RESP 120	Cardiopulmonary Pathology	3
RESP 125	Respiratory Therapy Clinical I	3
RESP 129	Cardiopulmonary Pharmacology	3
RESP 222	Introduction to Mechanical Vent	4
RESP 226	Cardiopulmonary Diagnostic	3
RESP 239	Respiratory Therapy Clinical II	5
RESP 307	Cardiopulmonary Assessment	3
RESP 311	Neonatal/Pediatric Care	3
RESP 312	Mechanical Ventilation	3
RESP 313	Alternate Site Respiratory Therapy	3
RESP 340	Advanced Level Clinical Practice	5
RESP 341	Research, Issues, Methods	2
RESP 348	Capstone Simulation	2
Electives		5
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Requirements Area 3B satisfied by BIO 121 (4 hrs), Area 5C satisfied by HS 305 (3 hrs)

Students who transfer with an Associate's Degree in Respiratory Therapy may qualify for upper division retro-credit hours. See department for details.

Bachelor of Science 2023-24 AY
Healthcare Administration
CIP Code: 510701

Major Code HA00
Cr Hrs

General Education CORE 42 Requirements 42*		17
Area 1A	Social & Behavioral Sciences (PSY 100 or SOC 110, ECON 202)	
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (COMM 100 or TH 220)	
Area 3A	Natural Science Non-Lab (CHEM 121 or PHYS 120)	
Area 3B	Natural science With Lab (BIO 180)	
Area 4	Mathematics (MATH 125 or higher)	
Area 5A	Humanities (HS/PHIL 312 3 of 6 hrs)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (HS 305)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements		25-27
BIO 180	Essential Anatomy and Physiology *	4
OR		
BIO 121	Human Anatomy & Physiology I (4)	
COMM 100	Oral Communications	3
MATH 125	Contemporary Math (or higher MATH)	3
TH 220	Professional Interaction	3
Choose one		3-5
CHEM 121/122	Chemistry for Allied Health Science & Lab*(4)	
CHEM 140/141	General Chemistry I & lab (4)	
PHYS 120	Fundamentals of Physical Science*(3)	
Choose one		3
PSY 100	General Psychology* (3)	
SOC 110	Introduction to Sociology * (3)	
Choose one		3
COMM 305	Intercultural Communication (or HS 305) (3)	
INTS 306	Introduction to Global Health (3)	
Choose one (statistics)		3
GB 321	Business Statistics I (3)	
MATH 310	Elementary Statistics (3)	
PSY 320	Applied Stats for Behavioral & Natural Sciences (3)	
SOC 350	Social Science Statistics (3)	
Business Requirements		27
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ECON 202	Principles of Economics (Micro)*	3
FIN 350	Financial Management	3
GB 320	Business Communication	3
MGMT 237	Using Information Systems	3
MRKT 300	Principles of Mrketing OR HS 410 Healthcare Mrketing	3
Management		
MGMT 350	Fund. Of Organizational Mgmt (or HS 350)	3
MGMT 352	Human Resource Management	3

Health Sciences		34
HS 101	Intro to Health Professions	1
HS 111	Medical Terminology	3
HS 310	The Patient Experience	2
HS 312	Biomedical Ethics (or PHIL 312)	3
HS 315	Managed Care/Population Health	2
HS 355	Healthcare Quality Management	3
HS 360	Health Policy	3
HS 365	Health Communications (or COMM 365)	3
HS 390	Health Care Systems	3
HS 420	Healthcare Management	2
HS 422	Healthcare Information Management	2
HS 424	Healthcare Financial Management	2
Capstone Experience		
HS 481	Healthcare Leadership Internship	3
HS 482	Healthcare Leadership	2
Electives as needed to total 120 hours***		14-16
Total Hours	Must include at 39 upper division (300-400) hrs	120

by COMM 100 or TH 220 (3 hrs), Area 3A & 3B satisfied by BIO 180 and CHEM 121 or PHYS 120 (7 hrs), Area 4 satisfied by MATH 125 or higher (3 hrs), Area 5A 3 hrs met by HS/PHIL 312, Area 5C satisfied by HS

***Electives could include the new Health Stream Summer Internship for 6 credit hours (no available yet)

HCA majors must earn a grade of 'C' or better in all Business requirements (including Management), and all HS requirements (including capstone experience) in order to earn a BS in HCA

Bachelor of Arts 2023-24 AY**History****Major Code HI00****CIP Code: 540101****Cr Hrs**

General Education CORE 42 Requirements 42*		30
Area 1A	Social & Behavioral Sciences (HIST 180 3 hrs)	3
Area 1B	Civic Engagement (HIST 110 or 120)	
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (language for 3 hrs)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (language)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Modern Language (courses in same prefix)		10-12
History Requirements		46
HIST 110	U.S. History 1492-1877*	3
OR		
HIST 120	U.S. History 1877-Present*	
HIST 180	Modern Global History*	3
HIST 201	Introduction to Historical Research	3
HIST 490	Professional Seminar	1
HIST 497	Seminar in Historical Research	3
Upper Division U.S. History Courses		6
Upper Division European/ courses		3
Upper Division Latin American/Asian/Global courses		6
History Electives (6 hours must be upper division)		9
Choose 3 of the following:		9
HIST 130	Western Civilization to 1660 (3)	
HIST 140	Western Civilization Since 1660 (3)	
HIST 150	Asian Civilizations (3)	
HIST 160	History of Latin America (3)	
General Electives (minor or certificate recommended)		31-33
Total Hours	Must include at 39 upper division (300-400) hrs	120

HIST 110 or 120 fulfills Area 1B, HIST 180 meets 3 hours area 1A, 6 hours of Modern Language meets 3 hours of Area 5A and 3 hours of Area 5C.

Bachelor of Science 2023-24 AY**History****Major Code HI01****CIP Code: 540101****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (HIST 180 3 hrs*)	3
Area 1B	Civic Engagement (HIST 110 or 120*)	
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (HIST 130 or 140 3 hrs*)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
History Requirements		52-59
HIST 110	U.S. History 1492-1877*	3
OR		
HIST 120	U.S. History 1877-Present*	
HIST 180	Modern Global History*	3
HIST 201	Introduction to Historical Research	3
HIST 202	Introduction to Public History	3
HIST 490	Professional Seminar	1
HIST 497	Seminar in Historical Research	3
Upper Division U.S. History Courses		6
Upper Division European/ courses		3
Upper Division Latin American/Asian/Global courses		6
History Electives (6 hours must be upper division)		9
Choose 3 of the following:		9
HIST 130	Western Civilization to 1660 (3)	
HIST 140	Western Civilization Since 1660 (3)	
HIST 150	Asian Civilizations (3)	
HIST 160	History of Latin America (3)	
Choose 1 of the following:		3-10
HIST 491	Internship in Public History (3)	
EDUC 462	Student Teaching, grades 9-12 (10)	

Additional Requirement: Choose two		6
ANTH 302	North American Indians (3)	
ANTH 370	Globalization & Native People also INTS 370 (3)	
ART 306	Art History, African History (3)	
ART 320	Introduction to Gallery Studies (3)	
EDUC 280	Foundations of Education in a Global Society (3)	
EDUC 429	Assessment of Student Learning (3)	
ENG 310	Professional Writing (3)	
ENT 207/208/309 Entrepreneurial courses (must take 3 course sequence)		
GEOG 304	Introduction to GIS (3)	
GEOG 310	Human Geography (3)	
GEOG 311	Geopolitics: Power and Conflict in a Global Context (3)	
HIST 483	Archival Collections & Methods (3)	
INTS 301	Global Arts and Cultures (3)	
INTS 308	Model United Nations (3)	
PSC/SOC 340	Social Science Research Methods (3)	
PSC 411	Great Political Thinkers (3)	
PSC 431	Constitutional Law I (3)	
PSC 432	Constitutional Law II (3)	
PSC 434	American Foreign Policy (3)	
SOC 311	Social Stratification (3)	
SOC 361	Social Demography (3)	
TH 363	Costume History II (3)	
TH 460	Principles of Arts Mgmt & Administration (3)	
General Electives (minor or certificate recommended)		21-28
Total Hours	Must include at 39 upper division (300-400) hrs	120

HIST 110 or 120 fulfills Area 1B, HIST 180 meets 3 hours area 1A, HIST 130 or 140 fulfills Area 5C.

Bachelor of Science 2023-24 AY
Industrial Engineering Technology
CIP Code: 150612

Major Code IE00
Cr Hrs

General Education CORE 42 Requirements 42*		35
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab (PHYS160)	
Area 4	Mathematics (met by MATH 130, 140 or 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience** (IET 105)	
Industrial Engineering Technology Prerequisites		7-9
MATH 130 (3) or MATH 140 (5) or MATH 150 (5)		3-5
PHYS 160	Elementary College Physics w/Lab*	4
Industrial Engineering Technology Requirements		63
MET 100	Introduction to Machine Tool Processes	3
IET 105	Essential Professional Skills	3
IET 110	Engineering Graphics I	3
IET 115	Engineering Graphics II	3
MET 200	Computer Numerical Control	3
IET 205	Computer Applications & Cost Analysis	3
MET 240	Engineering Materials	3
IET 271	Engineering Technology Seminar I	0
IET 272	Engineering Technology Seminar II	0
IET 300	Engineering Economics	3
IET 301	Project Management Fundamentals & Applications	3
MET 302	CNC Project & Cost Analysis	2
IET 305	Basic Electricity & Electronics	3
IET 310	Production Planning and Control	3
IET 320	Applied Statistical Quality Control	3
IET 350	Industrial Supervision	3
IET 355	Work Measurement/Ergonomics	3
IET 380	Principles of Lean	3
IET 383	Power Generation Inc. Hydraulics & Pneumatics	3
IET 425	Design of Experiments	3
IET 450	Facilities Management and Planning	3
IET 470	Six Sigma Methodology	3
IET 471	Senior Design	3
IET 494	Career Success	1
Select one from:		5-8
MATH 150	Calculus with Analytical Geometry I(5)***	
MATH 302	Applied Calculus (3) AND MATH 135 Trigonometry (3)	
MATH 302	Applied Calculus (3) AND MATH 140 Algebra & Trig (5)	

Select one from:		3
IET 315	Probability & Statistics for Engineers	
MATH 310	Elementary Statistics	
GB 321	Business Statistics	
General Electives as needed to total 120 hours		2-7
Total Hours	Must include at 39 upper division (300-400) hrs	120

* Gen. Ed. Core 42 requirements Area 3B met by PHYS 160, UE 100 requirement met by IET 105
MATH 130 or MATH 140 or MATH 150 grade of "C" or better and meets gen ed area 4

Associate of Science**Manufacturing Engineering Technology 2023-24****Major Code IE02****CIP Code: 150613****Cr Hrs**

General Education CORE 42 Requirements 23*		17
Area 1A	Social & Behavioral Sciences	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	3
Area 2B	Oral Communication	3
Area 3	Natural Science (PHYS 160)	
Area 4	Mathematics (MATH 130)	
Area 5A	Humanities/Fine Arts	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
MET Prerequisites		7
MATH 130	College Alegbra (or higher level math)	3
PHYS 160	Elementary College Physics w/Lab*	4
MET Requirements		32
MET 100	Introduction to Machine Tool Processes	3
IET 110	Engineering Graphics I	3
IET 115	Engineering Graphics II	3
MET 200	Computer Numerical Control.	3
IET 205	Computer Applications & Cost Analysis	3
MET 240	Engineering Materials	3
IET 271	Engineering Technology Seminar I	0
IET 272	Engineering Technology Seminar II	0
IET 300	Engineering Economics	3
IET 301	Project Management Fundamentals & Applications	3
MET 302	CNC Project & Cost Analysis	2
Select one of the following three courses:		3
MET 210	Industrial Robotics (3)	
MET 220	Intro to Programmable Logic Controllers (3)	
MET 245	Manufacturing with Metals (3)	
Manufacturing Technology Electives		3
IET 105**	Essential Professional Skills (3)	
MET 491	Internship in Manufacturing Tech (3)	
MET 498	Advanced Topics in Manufacturing Technology (3)	
MET 499	Independent Study in Manufacturing Technology (3)	
IET 305	Basic Electricity and Electronics (3)	
IET 310	Computer Production/Planning Control (3)	
IET 320	Applied Statistical Quality Control. (3)	
IET 350	Industrial Supervision (3)	
IET 383	Power Generation Inc Power and Hydraulics (3)	
General Electives (as needed to total 60 credit hours)		3
Total Hours		60

*Gen. Ed. Requirements Area 4 met by MATH 130, Area 3 met by PHYS 160

MATH 130 (or MATH 140) require a grade of 'C' or better

**IET 105 (elective) meets the University Experience requirement

Bachelor of Science in International & Political Affairs**General Emphasis 2022-23 AY****Major Code IP10****CIP Code: 440504****Cr Hrs**

General Education CORE 42 Requirements 42*		29-30
Area 1A	Social & Behavioral Sciences (GEOG 111 3 of 6 hrs)	3
Area 1B	Civic Engagement (PSC 120)	
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3	Natural science With & Without Lab 7 hrs (GEOG 120 or 201)	3-4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (INTS 201)	
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Required Hours for IPA		35-36
INTS 201	Intro to International Studies*	3
PSC 120	American Government*	3
PSC 201	Intro to Political Science	3
PSC 290	Professional Development Workshop	1
PSC/SOC 340	Social Science Research Methods	3
PSC 490	Professional Seminar	1
Study Abroad, Internship or Simulation**		3
Choose One: 3 Hours		
GEOG 111	World Regional Geography*	
GEOG/PSC 257 Urban World		
PSC 204	Intro to Studies of Race & Ethnicity	
Choose One: 3-4 Hours		3-4
GEOG 120	Intro to Physical Geography (3)	
GEOG 121	Intro to Physical Geography w/Lab (4)	
Choose One: 3 Hours		3
PSC 411	Great Political Thinkers	
PSC 435	Philosophy of Law	
Choose One: 3 Hours		
ENG 310	Professional Writing	
ENG 313	Technical Writing	
GEOG/BIO/EH 304 Intro to GIS		
MATH 310	Elementary Statistics	
PSC/SOC 350 Social Science Statistics		
PSY 320	Applied Statistics for the Behav & Nat Sciences	
Select 3 hours from each concentration		9
Global Cultural Studies		
International Relations		
Political Science		
Additional hours in GEOG, INTS, PSC		12
General Electives as needed to total 120		41-43
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Core 42 Area 1A 3 hrs met by GEOG 111, Area 1B met by PSC 120, Area 3 could be met by GEOG 121 4 of 7 hours or GEOG 120 3 of 7 hours, Area 5C met by INTS 201

**Requires 3 credit hours of an approved internship (PSC 491 or PSC 493, other internships can be petitioned), OR 3 credit hours of simulation (INTS 308 Model United Nations 3 cr hrs, PSC 303 Mock Trial Workshop 1 cr hr (can be repeated 4X), PSC 365 Model European Union 1 cr hour), OR a study abroad experience.

Bachelor of Science in International & Political Affairs
Social Science Education Emphasis Major Code IP09
CIP Code: 440504 Cr Hrs

General Education CORE 42 Requirements 42*		29-30
Area 1A	Social & Behavioral Sciences (GEOG 111 3 of 6 hrs met)	3
Area 1B	Civic Engagement (PSC 120)	0
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3	Natural science With & Without Lab 7 hrs (GEOG 120 or 121)	3-4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies(INTS 201 or EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Education Courses		22
EDUC 334	Teaching Social Studies in Middle & High School	3
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 429	Assessment of Student Learning	3
EDUC 462	Student Teaching	10
Required IPA Core		21-22
PSC 120	American Government*	3
PSC 201	Intro to Political Science	3
PSC/SOC 340	Social Science Research Methods	3
Choose one: 3 hours		3
GEOG 111	World Regional Geography*	
GEOG 257	The Urban World (3)	
Choose one: 3-4 hours		3-4
GEOG 120	Intro to Physical Geography (3)	
GEOG 121	Intro to Physical Geography with Lab*(4)	
Choose one: 3 hours		3
INTS 201	Intro to International Studies*	
EDUC 280	Foundations of Education in a Global Society (3)	
Choose one: 3 hours		3
PSC 411	Great Political Thinkers	
PSC 412	Contemporary Political Thought(3)	
PSC 435	Philosophy of Law	
Concentration Areas		9
Political Science Choose one: 3 hours		
PSC 0301	Political Parties & Elections 3	
PSC 0312	American Political Institutions 3	
PSC 0320	State and Local Government 3	
PSC 0431	Constitutional Law I	
PSC 0432	Constitutional Law II	
International Relations Choose one: 3 hours		
INTS 0303	Contemporary World Civilizations 3 Or HIST 303	
PSC 0321	International Relations 3	
PSC 0352	Introduction to Comparative Politics 3	
PSC 0423	Globalization and Development 3	
PSC 0434	American Foreign Policy 3	
Geography Choose one: 3 hours		
GEOG 0310	Human Geography 3	
GEOG 0302	Environment and Society 3 Or INTS 302	
General Electives		36-38
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A 3 of 6 hours met by GEOG 111, Area 1B met by PSC 120, Area 3 3 or 4 of 6 hours met by GEOG 120 or GEOG 121, Area 5C met by EDUC 280 or INTS 201

Bachelor of Arts in International & Political Affairs
Global Cultural Studies Emphasis 2022-23AY Major Code IP04
CIP Code: 440504 Cr Hrs

General Education CORE 42 Requirements 42*		23-24
Area 1A	Social & Behavioral Sciences (GEOG 111 3 hrs)	3
Area 1B	Civic Engagement (PSC 120)	
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3	Natural Science Non-Lab & Lab 7 hrs (GEOG 120 or 121)	3-4
Area 4	Mathematics	3
Area 5A	Humanities (modern language 6 hrs)	
Area 5B	Fine Arts	3
Area 5C	Global Competencies (INTS 201)	
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Modern Language (courses in same prefix)		10-12
Required Hours for IPA		35-36
Choose one:		3
GEOG 111	World Regional Geography* (3)	
GEOG/PSC 257 Urban World (3)		
PSC 204	Intro to Studies fo Race & Ethnicity (3)	
Choose one:		3-4
GEOG 120	Intro to Physical Geography (3)	
GEOG 121	Intro to Physical Geography with Lab*(4)	
INTS 201	Intro to International Studies*	3
PSC 120	American Government*	3
PSC 201	Intro to Political Science	3
PSC 290	Professional Development Workshop	1
PSC/SOC 340	Social Science Research Methods	3
Choose One:		3
PSC 411	Great Political Thinkers (3)	
PSC 412	Contemporary Political Thought (3)	
PSC 435	Philosophy of Law (3)	
PSC 490	Professional Seminar	1
Study Abroad		3
Select 3 hours from each concentration		9
Global Cultural Studies		
International Relations		
PoliticalScience		
Additional Hours in Global Cultural Studies		12
General Electives as needed to total 120		35-39
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Core 42 Area 1A 3 hrs met by GEOG 111, Area 1B met by PSC 120, Area 3 3 or 4 hrs met by GEOG 120 (3) or GEOG 201 (4), Area 5A met by hrs modern language, Area 5C met by INTS 201

Bachelor of Arts in International & Political Affairs
International Relations Emphasis 2022-23AY **Major Code IP00**
CIP Code: 440504 **Cr Hrs**

General Education CORE 42 Requirements 42*		23-24
Area 1A	Social & Behavioral Sciences (GEOG 111 3 of 6 hrs)	3
Area 1B	Civic Engagement (PSC 120)	
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3	Natural Science Non-Lab & Lab 7 hrs (GEOG 120 or 121)	3-4
Area 4	Mathematics	3
Area 5A	Humanities (modern language 6 hrs)	
Area 5B	Fine Arts	3
Area 5C	Global Competencies (INTS 201)	
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Modern Language (courses in same prefix)		10-12
Required Hours for IPA		35-36
Choose one:		3
GEOG 111	World Regional Geography* (3)	
GEOG/PSC 257 Urban World (3)		
PSC 204	Intro to Studies fo Race & Ethnicity (3)	
Choose one:		3-4
GEOG 120	Intro to Physical Geography (3)	
GEOG 121	Intro to Physical Geography with Lab*(4)	
INTS 201	Intro to International Studies*	3
PSC 120	American Government*	3
PSC 201	Intro to Political Science	3
PSC 290	Professional Development Workshop	1
PSC/SOC 340	Social Science Research Methods	3
Choose One:		3
PSC 411	Great Political Thinkers (3)	
PSC 412	Contemporary Political Thought (3)	
PSC 435	Philosophy of Law (3)	
PSC 490	Professional Seminar	1
Study Abroad		3
Select 3 hours from each concentration		9
Global Cultural Studies		
International Relations		
Political Science		
Additional hours in International Relations		12
General Electives as needed to total 120		35-39
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Core 42 Area 1A 3 hrs met by GEOG 111, Area 1B met by PSC 120, Area 3 3 or 4 hrs met by GEOG 120 (3) or GEOG 201 (4), Area 5A met by hrs modern language, Area 5C met by INTS 201

Global Cultural Studies

INTS 0301	World Humanities 3
INTS 0302	Environment and Society 3 OR GEOG 302
INTS 0303	Contemporary World Civilizations 3 OR HIST 303
INTS 0306	Introduction to Global Health 3
INTS 0308	Model United Nations 3
INTS 0320	Teaching English Abroad I 3 Required for this concentration
INTS 0321	Teaching English Abroad II 3
INTS 0330	Topics in Global Cultural Studies 3
INTS 0370	Globalization and Native Peoples 3
HIST 0317	Middle Eastern History
PSC 0321	International Relations 3
PSC 0365	Model European Union 1
PSC 0423	Globalization and Development 3

International Relations

GEOG 0302	Environment and Society 3 Or INTS 302
GEOG 0304	Introduction to Geographic Information Systems 3 Or BIO 304 or EH 304
GEOG 0310	Human Geography 3 Required for this concentration
GEOG 0311	Geopolitics in Film and Popular Culture 3
GEOG 0330	Topics in Geography and Environmental Affairs 3
GEOG 0404	Applications in Geographic Information Systems 3
INTS 0308	Model United Nations 3
PSC 0321	International Relations 3
PSC 0331	Topics: International Affairs 3
PSC 0352	Introduction to Comparative Politics 3
PSC 0365	Model European Union 1
PSC 0423	Globalization and Development 3
PSC 0434	American Foreign Policy 3

Political Science

PSC 0301	Political Parties & Elections 3
PSC 0302	Political Communication & Public Opinion 3
PSC 0309	Law & Society
PSC 0312	American Political Institutions 3
PSC 0320	State and Local Government 3
PSC 0326	Topics in Political Affairs 3
PSC 0327	Topics in Legal Affairs 3
PSC 0342	Public Policy 3
PSC 0361	Politics of Sex 3
PSC 0362	Religion and Politics 3
PSC 0363	Environmental Policy and Politics 3
PSC 0402	Advocacy & Legal Reasoning 3
PSC 0421	Public Administration 3
PSC 0431	Constitutional Law I: Powers and Structures of Government
PSC 0432	Constitutional Law II: Civil Rights and Civil Liberties

Bachelor of Arts in International & Political Affairs

Political **Science** Emphasis 2022-23AY

Major Code IP01

CIP Code: 440504

Cr Hrs

General Education CORE 42 Requirements 42*		23-24
Area 1A	Social & Behavioral Sciences (GEOG 111 3 hrs)	3
Area 1B	Civic Engagement (PSC 120)	
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3	Natural Science Non-Lab & Lab 7 hrs (GEOG 120 or 121)	3-4
Area 4	Mathematics	3
Area 5A	Humanities (modern language 6 hrs)	
Area 5B	Fine Arts	3
Area 5C	Global Competencies (INTS 201)	
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Modern Language (courses in same prefix)		10-12
Required Hours for IPA		35-36
Choose one:		3
GEOG 111	World Regional Geography* (3)	
GEOG/PSC 257 Urban World (3)		
PSC 204	Intro to Studies fo Race & Ethnicity (3)	
Choose one:		3-4
GEOG 120	Intro to Physical Geography (3)	
GEOG 121	Intro to Physical Geography with Lab*(4)	
INTS 201	Intro to International Studies*	3
PSC 120	American Government*	3
PSC 201	Intro to Political Science	3
PSC 290	Professional Development Workshop	1
PSC/SOC 340	Social Science Research Methods	3
Choose One:		3
PSC 411	Great Political Thinkers (3)	
PSC 412	Contemporary Political Thought (3)	
PSC 435	Philosophy of Law (3)	
PSC 490	Professional Seminar	1
Study Abroad		3
Select 3 hours from each concentration		9
Global Cultural Studies		
International Relations		
PoliticalScience		
Additional Hours in Political Science Concentration		12
General Electives as needed to total 120		35-39
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Core 42 Area 1A 3 hrs met by GEOG 111, Area 1B met by PSC 120, Area 3 3 or 4 hrs met by GEOG 120 (3) or GEOG 201 (4), Area 5A met by hrs modern language, Area 5C met by INTS 201

Global Cultural Studies

INTS 0301	World Humanities 3
INTS 0302	Environment and Society 3 OR GEOG 302
INTS 0303	Contemporary World Civilizations 3 OR HIST 303
INTS 0306	Introduction to Global Health 3
INTS 0308	Model United Nations 3
INTS 0320	Teaching English Abroad I 3 Required for this concentration
INTS 0321	Teaching English Abroad II 3
INTS 0330	Topics in Global Cultural Studies 3
INTS 0370	Globalization and Native Peoples 3
HIST 0317	Middle Eastern History
PSC 0321	International Relations 3
PSC 0365	Model European Union 1
PSC 0423	Globalization and Development 3

International Relations

GEOG 0302	Environment and Society 3 Or INTS 302
GEOG 0304	Introduction to Geographic Information Systems 3 Or BIO 304 or EH 304
GEOG 0310	Human Geography 3 Required for this concentration
GEOG 0311	Geopolitics in Film and Popular Culture 3
GEOG 0330	Topics in Geography and Environmental Affairs 3
GEOG 0404	Applications in Geographic Information Systems 3
INTS 0308	Model United Nations 3
PSC 0321	International Relations 3
PSC 0331	Topics: International Affairs 3
PSC 0352	Introduction to Comparative Politics 3
PSC 0365	Model European Union 1
PSC 0423	Globalization and Development 3
PSC 0434	American Foreign Policy 3

Political Science

PSC 0301	Political Parties & Elections 3
PSC 0302	Political Communication & Public Opinion 3
PSC 0309	Law & Society
PSC 0312	American Political Institutions 3
PSC 0320	State and Local Government 3
PSC 0326	Topics in Political Affairs 3
PSC 0327	Topics in Legal Affairs 3
PSC 0342	Public Policy 3
PSC 0361	Politics of Sex 3
PSC 0362	Religion and Politics 3
PSC 0363	Environmental Policy and Politics 3
PSC 0402	Advocacy & Legal Reasoning 3
PSC 0421	Public Administration 3
PSC 0431	Constitutional Law I: Powers and Structures of Government
PSC 0432	Constitutional Law II: Civil Rights and Civil Liberties

Bachelor of Science in International & Political Affairs

International Relations Emphasis 2023-24AY

Major Code IP05

CIP Code: 440504

Cr Hrs

General Education CORE 42 Requirements 42*		29-30
Area 1A	Social & Behavioral Sciences (GEOG 111 3 hrs)	3
Area 1B	Civic Engagement (PSC 120)	
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3	Natural Science Non-Lab & Lab 7 hrs (GEOG 120 or 121)	3-4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (INTS 201)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Required Hours for IPA Core		38-39
INTS 201	Intro to International Studies*	3
PSC 120	American Government*	3
PSC 201	Intro to Political Science	3
PSC 290	Professional Development Workshop	1
PSC/SOC 340	Social Science Research Methods	3
PSC 490	Professional Seminar	1
Choose one:		3
GEOG 111	World Regional Geography* (3)	
GEOG/PSC 257	Urban World (3)	
PSC 204	Intro to Studies fo Race & Ethnicity (3)	
Choose one:		3-4
GEOG 120	Intro to Physical Geography (3)	
GEOG 121	Intro to Physical Geography with Lab*(4)	
Choose One:		3
PSC 411	Great Political Thinkers (3)	
PSC 412	Contemporary Political Thought (3)	
PSC 435	Philosophy of Law (3)	
Skill Development		6
Study Abroad, Internship or Simulation**		3
Choose One:		3
ENG 310	Professional Writing (3)	
ENG 313	Technical Writing (3)	
BIO/EH/GEOG 0304	Intro to GIS (3)	
MATH 310	Elementary Statistics (3)	
PSY 320	Applied Stats for the Behavioral & Nat Sciences(3)	
PSC/SOC 350	Social Science Statistics	
Select 3 hours from each concentration		9
Global Cultural Studies		
International Relations		
Political Science		

Select 12 Additional hours from International Relations		12
GEOG 0302	Environment and Society 3 Or INTS 302	
GEOG 0304	Introduction to GIS 3 Or BIO 304 or EH 304	
GEOG 0310	Human Geography 3 Required for this concentration	
GEOG 0311	Geopolitics in Film and Popular Culture 3	
GEOG 0330	Topics in Geography and Environmental Affairs 3	
GEOG 0404	Applications in Geographic Information Systems 3	
INTS 0308	Model United Nations 3	
PSC 0321	International Relations 3	
PSC 0331	Topics: International Affairs 3	
PSC 0352	Introduction to Comparative Politics 3	
PSC 0365	Model European Union 1	
PSC 0423	Globalization and Development 3	
PSC 0434	American Foreign Policy 3	
General Electives as needed to total 120		38-40
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Core 42 Area 1A 3 hrs met by GEOG 111, Area 1B met by PSC 120, Area 3B could be met by GEOG 121, Area 5C met by INTS 201

**Requires 3 credit hours of an approved internship (PSC 491 or PSC 493, other internships can be petitioned), OR 3 credit hours of simulation (INTS 308 Model United Nations 3 cr hrs, PSC 303 Mock Trial Workshop 1 cr hr (can be repeated 4X), PSC 365 Model European Union 1 cr hour), OR a study abroad experience.

Bachelor of Science in International & Political Affairs
Political Science Emphasis 2022-23AY Major Code IP06
CIP Code: 440504 Cr Hrs

General Education CORE 42 Requirements 42*		29-30
Area 1A	Social & Behavioral Sciences (GEOG 111 3 hrs)	3
Area 1B	Civic Engagement (PSC 120)	
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3	Natural Science Non-Lab & Lab 7 hrs (GEOG 120 or 121)	3-4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (INTS 201)	
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
IPA Required Core		38-39
INTS 201	Intro to International Studies*	3
PSC 120	American Government*	3
PSC 201	Intro to Political Science	3
PSC 290	Professional Development Workshop	1
PSC/SOC 340	Social Science Research Methods	3
PSC 490	Professional Seminar	1
Choose one:		3
GEOG 111	World Regional Geography* (3)	
GEOG/PSC 257	Urban World (3)	
PSC 204	Intro to Studies fo Race & Ethnicity (3)	
Choose one:		3-4
GEOG 120	Intro to Physical Geography (3)	
GEOG 121	Intro to Physical Geography with Lab*(4)	
Choose One:		3
PSC 411	Great Political Thinkers (3)	
PSC 412	Contemporary Political Thought (3)	
PSC 435	Philosophy of Law (3)	
Skill Development		
Study Abroad, Internship or Simulation**		3
Choose One:		3
ENG 310	Professional Writing (3)	
ENG 313	Technical Writing (3)	
BIO/EH/GEOG	Intro to GIS (3)	
MATH 310	Elementary Statistics (3)	
PSY 320	Applied Stats for the Behavioral & Nat Sciences(3)	
PSC/SOC 350	Social Science Statistics	
Select 3 hours from each concentration		9
Global Cultural Studies		
International Relations		
Political Science		
Select 12 Additional hours from Political Science		12
General Electives as needed to total 120		38-40
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Core 42 Area 1A 3 hrs met by GEOG 111, Area 1B met by PSC 120, Area 3B could be met by GEOG 121, Area 5C met by INTS 201

**Requires 3 credit hours of an approved internship (PSC 491 or PSC 493, other internships can be petitioned), OR 3 credit hours of simulation (INTS 308 Model United Nations 3 cr hrs, PSC 303 Mock Trial Workshop 1 cr hr (can be repeated 4X), PSC 365 Model European Union 1 cr hour), OR a study abroad experience.

Bachelor of Science in Business Administration 2023-24 AY**International Business Emphasis****Major Code IB00****CIP: 520101**

Cr Hrs

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (ECON 201/202)	
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 125 recommended)	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (IB 310)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Business Core*		39
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ECON 201	Principles of Economics – Macro*	3
ECON 202	Principles of Economics – Micro*	3
FIN 350	Financial Management	3
GB 301	Legal Environment of Business I	3
GB 320	Business Communication	3
GB 321	Business Statistics I	3
IB 310	International Business*	3
MGMT 237	Using Information Systems	3
OR		
CIS 305	Microcomputer Applications (3)	
MRKT 300	Principles of Marketing	3
MGMT 350	Fundamentals of Organizational Management	3
MGMT 452	Strategic Management***	3
Required		12
IB 352	International Human Resource Management	3
IB 400	International Marketing	3
IB 410	International Management	3
IB 460	Global Supply Chain Management	3

Choose one:		6
ANTH/INTS 370	Globalization & Native People (3)	
COMM 305	Intercultural Communication (3)	
HIST/INTS 217/317	Middle Eastern History (3)	
HIST 369	Nineteenth Century Europe (3)	
HIST 370	Twentieth Century Europe (3)	
HIST 475	Modern Latin America (3)	
INTS 201	Introduction to International Studies (3)	
INTS 308	Model United Nations (3)	
SPAN 100	Workplace & Travel Spanish	
SPAN 101	Beginning Spanish I	
SPAN 102	Beginning Spanish II	
SPAN 203	Intermediate Spanish I	
SPAN 204	Intermediate Spanish II	
Choose one:		3
IB 390	Doing Business in Europe (3)	
IB 395	Doing Business in Latin America (3)	
Electives	As needed to total 120	26
Total	Must include at 39 upper division (300-400) hrs	120

*ECON 201 and 202 satisfies CORE 42 area 1A (6 hrs). IB 310 satisfies CORE 42 area 5C
MATH 125 recommended

**Degree Requirement H, may also be met by HNRS 101, IET 105 or BIO 100

***MGMT 452 should be taken during the last semester of university work.

Bachelor of Science in Business Administration 2023-24 AY

Human Resources Management Emphasis

Major Code MM04

CIP: 520101

Cr Hrs

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (ECON 201/202)	
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 125 recommended)	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (IB 310)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Business Core*		39
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ECON 201	Principles of Economics – Macro*	3
ECON 202	Principles of Economics – Micro*	3
FIN 350	Financial Management	3
GB 301	Legal Environment of Business I	3
GB 320	Business Communication	3
GB 321	Business Statistics I	3
IB 310	International Business*	3
MGMT 237	Using Information Systems	3
OR		
CIS 305	Microcomputer Applications (3)	
MRKT 300	Principles of Marketing	3
MGMT 350	Fundamentals of Organizational Management	3
MGMT 452	Strategic Management***	3
Human Resource Management Emphasis		21
MGMT 352	Human Resource Management	3
MGMT 411	Employment Law	3
MGMT 441	Organizational Behavior	3
MGMT 443	Organizational Staffing	3
MGMT 445	Compensation and Benefits	3
MGMT 447	Employee Training and Development	3
Select One:	From the list below	3
COMM 255, IB 352, MGMT 491, MGMT 499		
Electives	As needed to total 120	26
Total	Must include at 39 upper division (300-400) hrs	120

*ECON 201 and 202 satisfies CORE 42 area 1A (6 hrs). IB 310 satisfies CORE 42 area 5C (3 hrs).

MATH 125 recommended

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

***MGMT 452 should be taken during the last semester of university work.

Bachelor of Science in Business Administration 2023-24

Management Emphasis

Major Code MM00

CIP: 520101

Cr Hrs

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (ECON 201/202)	
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 125 recommended)	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (IB 310)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Business Core*		39
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ECON 201	Principles of Economics – Macro*	3
ECON 202	Principles of Economics – Micro*	3
FIN 350	Financial Management	3
GB 301	Legal Environment of Business I	3
GB 320	Business Communication	3
GB 321	Business Statistics I	3
IB 310	International Business*	3
MGMT 237	Using Information Systems	3
OR		
CIS 305	Microcomputer Applications (3)	
MRKT 300	Principles of Marketing	3
MGMT 350	Fundamentals of Organizational Management	3
MGMT 452	Strategic Management***	3
Management Emphasis		21
MGMT 337	Management Information Systems	3
MGMT 352	Human Resource Management	3
MGMT 411	Employment Law	3
MGMT 431	Operations Management	3
MGMT 441	Organizational Behavior	3
Select Two:	From the list below	6
IB 352, IB 410, MGMT 354, MGMT 447, MGMT 491, MRKT 321, MRKT 312, IET 380, IET 470		
Electives	As needed to total 120	26
Total	Must include at 39 upper division (300-400) hrs	120

*ECON 201 and 202 satisfies CORE 42 area 1A (6 hrs). IB 310 satisfies CORE 42 area 5C (3 hrs).

MATH 125 recommended

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

***MGMT 452 should be taken during the last semester of university work.

Bachelor of Science in Business Administration 2023-24**Marketing Emphasis****Major Code MM03****CIP: 520101**

Cr Hrs

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (ECON 201/202)	
Area 1B	Civics Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 125 recommended)	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies (IB 310)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Business Core*		39
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ECON 201	Principles of Economics – Macro*	3
ECON 202	Principles of Economics – Micro*	3
FIN 350	Financial Management	3
GB 301	Legal Environment of Business I	3
GB 320	Business Communication	3
GB 321	Business Statistics I	3
IB 310	International Business*	3
MGMT 237	Using Information Systems	3
OR		
CIS 305	Microcomputer Applications (3)	
MRKT 300	Principles of Marketing	3
MGMT 350	Fundamentals of Organizational Management	3
MGMT 452	Strategic Management***	3
Marketing Emphasis		21
MRKT 401	Integrated Marketing Communications	3
MRKT 432	Consumer Behavior	3
MRKT 470	Marketing Research	3
MRKT 472	Marketing Strategy	3
Choose three: IB 400, MRKT 312, MRKT 321, MRKT 405		9
Electives		26
Total	Must include at 39 upper division (300-400) hrs	120

Majors in accounting must earn a grade of 'C' or above in all accounting courses in order to

*ECON 201 and 202 satisfies CORE 42 area 1A (6 hrs). IB 310 satisfies CORE 42 area 5C

MATH 125 recommended

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

***MGMT 452 should be taken during the last semester of university work.

Bachelor of Science**Mathematics Major****Major Code MA00****CIP Code: 270101****Cr Hrs**

General Education CORE 42 Requirements 42*		35
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (Nat Sci choice)	3
Area 3B	Natural science With Lab (PHYS 270)	
Area 4	Mathematics (MATH requirements)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Mathematics Requirements		40
MATH 150	Calculus with Analytic Geometry I*	5
MATH 250	Calculus with Analytic Geometry II	4
MATH 260	Calculus with Analytic Geometry III	4
MATH 300	Fundamentals of Mathematical Thought	3
MATH 340	Discrete Mathematics	3
MATH 342	Abstract Algebra	3
MATH 351	Linear Algebra	3
MATH 421	Intro to advanced Calculus	3
Choose one:	MATH 350, 371, or 452	3
MATH	Electives 310 or above(not 312,315,339)**	9
Supporting Requirements		10
PHYS 270	General Physics I***	4
CIS 110	Programming I	3
CIS 210	Programming II	3
Electives		34
Total Hours	Must include at 39 upper division (300-400) hrs	120

* Gen. Ed. Core 42 requirements Area 4 met by required MATH requirements (3 hrs), Area 3A met by natural science choice (3 hrs) and 3B met by PHYS 270

Bachelor of Science**Mathematics and CIS Major 2023-24 AY****Major Code MA01****CIP Code: 270101****Cr Hrs**

General Education CORE 42 Requirements 42*		35
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab **	3
Area 3B	Natural science With Lab (PHYS 270)	
Area 4	Mathematics (MATH 150)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
CIS Core Requirements		30
CIS 110	Programming I	3
CIS 202	Information Systems I	3
CIS 210	Programming II	3
CIS 308	Website Administration I	3
CIS 310	Database Management Systems I	3
CIS 315	Computer Networks	3
CIS 340	Website Administration II	3
CIS 350	Data Structures	3
CIS 410	Information Systems II	3
CIS 425	Database Management Systems II	3
Mathematics Requirements		34
MATH 150	Calculus with Analytic Geometry I*	5
MATH 250	Calculus with Analytic Geometry II	4
MATH 260	Calculus with Analytic Geometry III	4
MATH 300	Fundamentals of Mathematical Thought	3
MATH 340	Discrete Mathematics	3
MATH 350	Introduction to Numerical Analysis	3
MATH 351	Linear Algebra	3
MATH 361	Probability and Statistics I	3
MATH 371	Introduction to Operations Research	3
MATH 421	Introduction to Advanced Calculus	3
Math Supporting Requirements Choose one:		4-5
CHEM 140/141	General Chemistry w/lab (5)	
PHYS 160	Elementary College Physics (4)	
PHYS 270	General Physics I (4)	
CIS Supporting Requirements		6
CIS 240	Python Programming	3
CIS 390	Introduction to Big Data Analytics	3
Electives		9-10
Total Hours	Must include at 39 upper division (300-400) hrs	120

Same program as the Bachelor of Science in CISs; Computational Mathematics option. Students selecting this option will graduate with a double major in Computer Information Science and Mathematics.

* Gen. Ed. Core 42 requirements Area 4 met by required MATH, Area 3A and 3B met by CHEM 140 and PHYS

** Natural Science Non-Lab - not PHYS prefix with the exception of Astronomy

Bachelor of Science 2023-24**Medical Laboratory Science****CIP Code: 511005****Major Code ML00****Cr Hrs**

General Education CORE 42 Requirements 42*		35
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 140)	
Area 3B	Natural science With Lab (BIO 121 or PHYS 160)	
Area 4	Mathematics (MATH 130, 140 or 150)	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Biology Requirements		29-31
BIO 108	Principles of Biology I***	3
BIO 109	Principles of Biology I Lab***	1
BIO 201	Human Anatomy	4
BIO 231	General and Medical Microbiology***	5
BIO 301	Physiology	5
BIO 305	Genetics***	4
BIO 456	Immunology***	4
And one of the following three courses:		3-5
BIO 362	Virology*** (3)	
BIO 442	Pathogenic Bacteriology*** (5)	
BIO 308	Pathophysiology*** (4)	
Chemistry Requirements		25
CHEM 140	General Chemistry I*	3
CHEM 141	General Chemistry I Lab	2
CHEM 142	General Chemistry II	5
CHEM 201	Analytical Chemistry I***	5
CHEM 301	Organic Chemistry I***	5
CHEM 350	Biochemistry***	3
CHEM 355	Biochemical Techniques	2
400 Level	Medical Lab Science Courses (at Hospital)	32
MT 401	Clinical Chemistry	10
MT 402	Clinical Microscopy	1
MT 403	Clinical Hematology	6
MT 404	Clinical Serology-Immunology	3
MT 405	Clinical Microbiology	7
MT 406	Clinical Immunohematology-Blood Bank	3
MT 407	Special Topics in Medical Technology	2
Total Hours	Must include at 39 upper division (300-400) hrs	122-124

Gen Ed. Core 42 requirements Area 3 (7 hours) met by CHEM 140 and BIO 108/109 and Area 4 met by MATH 130 (3 hrs) or higher level math

Bachelor of Arts
Music 2022-23 AY
CIP Code: 500903

Major Code MU00
Cr Hrs

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (language for 3 hrs)	3
Area 5B	Fine Arts (MUS 101 or MUS 106)	
Area 5C	Global Competencies (language)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Modern Language (courses in same prefix)		10-12
Music Core Requirements		40
MUS 101 or 106 Jazz Styles & Apprec./World Music*		3
MUS 103, 104, 203, and/or applied Class Piano (no piano proficiency required)		2
MUS 111	Music Theory I: Musicianship & Aural Skills	3
MUS 112	Music Theory II: Adv. Musicianship & Aural Skills	3
MUS 181 or 182 Intro to Conducting: Choral or Instrumental		2
PERF 240 and/or PERF 340 Seminar: Performance & Recital Attendance		0
MUS 311 or 312 or MUS 313 History of Music& Lit I or II or III		3
Various Large Ensemble (enroll every semester)		8
Various Private study in one major area (enroll every semester)		16
Electives		34-36
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Requirements Area 5B satisfied by MUS 101 or MUS 106, 6 hours modern language satisfies Area 5A or 3 hours of 5A and satisfies Area 5C

Music majors must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music majors who are on BM with Electives in an Outside Field track and who may have an internship their last semester, are also exempt from applied lessons and a major ensemble in that semester.

All Performance majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.

Bachelor of Music

Elective Studies in an Outside Field 2023-24 AY Major Code: MU09

CIP Code: 500901

Cr Hrs

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (3 hrs met by TH 220)	0
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts (3 hrs mets by MUS 101,106,120 or TH 116)	0
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Music Core Requirements		56
TH 220	Professional Interaction (meets GE area 2B)	3
MUS 101 or MUS 106 or MUS 120 or TH 116		3
MUS 103 or 104 or 126 or 203		3
MUS 116 or 126 or 136 or 146 or 156 or 166		4
MUS 111	Music Theory I: Musicianship & Aural Skills	3
MUS 112	Music Theory II: Adv. Musicianship & Aural Skills	3
MUS 121 or MUS 191/192 Concert Chorale or Marching/Concert Band		4
MUS 181	Choral Conducting: Technique & Literature	2
MUS 182	Instrumental Conducting: Technique & Literature	2
MUS 211	Music Theory III: Harmony/Aural	3
MUS 212	Music Theory IV: Adv Harmony & Form	3
MUS 311	History of Music & Literature I	3
MUS 312	History of Music & Literature II	3
MUS 321 or MUS 391/392 Concert Chorale or Marching/Concert Band		4
MUS 316 or 326 or 336 or 346 or 356 or 366		4
MUS 420	Form and Analysis	2
MUS 433	Arranging for Voices and Instruments	2
MUS 451	Senior Recital	1
Various Music Electives, must be upper division hours		4
Elective Studies in an Outside Field		19
Focus in one area with advisor approval, certificate suggested		
Performing Arts Department Requirements		8
PERF 240 & 340 Seminar: Perf. & Recital Attendance		0
PERF 402	Mental Skills Training for Performing Artists	2
PERF 442	Business for Performing Artists	2
PERF 460	Performing Arts Mgmt & Administration	2
PERF 465	Marketing Performing Arts, Culture, & Entertainment	2
Total Hours	Must include at 39 upper division (300-400) hrs	120

Music majors must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music majors who are on BM with Electives in an Outside Field track and who may have an internship their last semester, are alsop exempt from applied lessons and a major ensemble in that semester.

All Performance majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.

1. Performing Arts Majors are required to take the following Gen Ed courses for their degree:
 - a. GE2B: TH 0220 Professional Interaction
 - b. GE5B: MUS 0101 Jazz Styles, or MUS 0106 World Music, or TH 0116 History of Musical Theat
2. Performing Arts Majors must enroll in the following (depending on year of study and necessity of credit for GPA) they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
 - a. PERF 0240 Performance Hour and Concert Attendance 0credits
 - b. PERF 0241 Performance Hour and Concert Attendance 1credits
 - c. PERF 0340 Performance Hour and Concert Attendance 0credits
 - d. PERF 0341 Performance Hour and Concert Attendance 1credits
3. Performing Arts Majors must enroll in applied lessons and a major ensemble (for Theatre majors, the ensemble is the Production, whereas Concert Chorale, Concert Band, Marching Band, and Wind Ensemble serve as the ensembles for Music majors) every semester they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
4. Performing Arts Majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.
5. Performing Arts Majors must complete and pass a performance jury evaluation every semester they take applied lessons, with the exception being the semester they do their capstone performance.
6. Performing Arts Majors must enroll in the following 0-credit studio courses (depending on year of study) every semester they take applied lessons.
 - a. PERF 0242 Applied Studio Class
 - b. PERF 0442 Advanced Applied Studio Class
7. Performing Arts Majors who are in the BME (education) and BM (performance) programs must pass a piano proficiency before they are awarded their degrees and must enroll in applied keyboard lessons until it is passed. BME students must pass the proficiency before they are allowed to student teach.
8. Performing Arts Majors must pass the Sophomore Barrier at the end of their sophomore year. BA majors are exempt from this requirement.
9. Performing Arts graduates must have at least 39 upper division (300-400) credit hours.

Bachelor of Music**Instrumental Performance 2023-24 AY****Major Code: MU06****CIP Code: 500901****Cr Hrs**

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (3 hrs met by TH 220)	0
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts (3 hrs met by MUS 101, 106 or 120)	0
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Music Core Requirements		61
MUS 111	Music Theory I: Musicianship & Aural Skills	3
MUS 112	Music Theory II: Adv. Musicianship & Aural Skills	3
MUS 126	Applied Performance: Keyboard (1-6)	3
MUS 181	Choral Conducting: Technique & Literature	2
MUS 182	Instrumental Conducting: Technique & Literature	2
MUS 191	Marching Band	2
MUS 192	Concert Band	2
MUS 211	Music Theory III: Harmony & Form	3
MUS 212	Music Theory IV: Adv. Harmony & Aural Skills	3
MUS 311	History of Music and Literature I	3
MUS 312	History of Music and Literature II	3
MUS 350	Junior Recital	1
MUS 391	Marching Band	2
MUS 392	Concert Band	2
MUS 420	Form and Analysis	2
MUS 433	Arranging for Voices and Instruments	2
MUS 451	Senior Recital	1
TH 220	Professional Interaction (GE area 2B)	3
Choose one		3
MUS 101	Jazz Styles & Appreciation (3)	
MUS 106	World Music (3)	
MUS 120	History of Rock and Roll Music... (3)	
TH 116	History of Musical Theatre (3)	
Choose to total:		8
MUS 116	Applied Performance: Brass (1-6)	
MUS 126	Applied Performance: Keyboard (1-6)	
MUS 136	Applied Performance: Percussion (1-6)	
MUS 146	Applied Performance: String (1-6)	
MUS 156	Applied Performance: Woodwind (1-6)	
Choose to total:		8
MUS 316	Advanced Applied Performance: Brass (1-6)	
MUS 326	Advanced Applied Performance: Keyboard (1-6)	
MUS 336	Advanced Applied Performance: Percussion (1-6)	
MUS 346	Advanced Applied Performance: String (1-6)	
MUS 356	Advanced Applied Performance: Woodwind (1-6)	

Performance		14
MUS 231	Guitar/String Technique, Pedagogy, & Repertoire	2
MUS 234	Woodwind Technique, Pedagogy, & Repertoire	2
MUS 235	Brass & Percussion Technique, Pedagogy & Repertoire	2
MUS 413	Instrumental Ensemble Pedagogy	2
MUS 423	Instrumental Repertoire	2
Choose to total:		4
MUS 343	Jazz Combo (1)	
MUS 371	Chamber Brass (1)	
MUS 385	Chamber Winds (1)	
Performing Arts Department Requirements		8
PERF 240	Seminar: Perf. & Recital Attendance	0
PERF 340	Seminar: Adv Performance & Recital Attendance	0
PERF 402	Mental Skills Training for Performing Artists	2
PERF 442	Business for Performing Artists	2
PERF 460	Principles of Arts Management & Administration	2
PERF 465	Marketing Performing Arts, Culture, & Entertainment	2
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Requirements Area 5B satisfied by MUS 106

Music majors must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music majors who are on BM with Electives in an Outside Field track and who may have an internship their last semester, are also exempt from applied lessons and a major ensemble in that semester.

All Performance majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.

1. Performing Arts Majors are required to take the following Gen Ed courses for their degree:
 - a. GE2B: TH 0220 Professional Interaction
 - b. GE5B: MUS 0101 Jazz Styles, or MUS 0106 World Music, or TH 0116 History of Musical Theat
2. Performing Arts Majors must enroll in the following (depending on year of study and necessity of credit for GPA) they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
 - a. PERF 0240 Performance Hour and Concert Attendance 0credits
 - b. PERF 0241 Performance Hour and Concert Attendance 1credits
 - c. PERF 0340 Performance Hour and Concert Attendance 0credits
 - d. PERF 0341 Performance Hour and Concert Attendance 1credits
3. Performing Arts Majors must enroll in applied lessons and a major ensemble (for Theatre majors, the ensemble is the Production, whereas Concert Chorale, Concert Band, Marching Band, and Wind Ensemble serve as the ensembles for Music majors) every semester they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
4. Performing Arts Majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.
5. Performing Arts Majors must complete and pass a performance jury evaluation every semester they take applied lessons, with the exception being the semester they do their capstone performance.
6. Performing Arts Majors must enroll in the following 0-credit studio courses (depending on year of study) every semester they take applied lessons.
 - a. PERF 0242 Applied Studio Class
 - b. PERF 0442 Advanced Applied Studio Class
7. Performing Arts Majors who are in the BME (education) and BM (performance) programs must pass a piano proficiency before they are awarded their degrees and must enroll in applied keyboard lessons until it is passed. BME students must pass the proficiency before they are allowed to student teach.
8. Performing Arts Majors must pass the Sophomore Barrier at the end of their sophomore year. BA majors are exempt from this requirement.
9. Performing Arts graduates must have at least 39 upper division (300-400) credit hours.

Bachelor of Music**Keyboard Performance 2023-24 AY****Major Code: MU07****CIP Code: 500901****Cr Hrs**

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication 3 hrs met by TH 220)	0
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts (MUS 101, 106 or 120 or TH 116)	0
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Music Core Requirements		61
TH 220	Professional Interaction (GE area 2B)	3
MUS 101 Jazz Styles or MUS 106 World Music or MUS 120 Hist of Rock & Roll		3
MUS 116 or 136 or 146 or 156 or 166		3
MUS 111	Music Theory I: Musicianship & Aural Skills	3
MUS 112	Music Theory II: Adv. Musicianship & Aural Skills	3
MUS 121 or MUS 191/192 Concert Chorale or Marching/Concert Band		4
MUS 126	Applied Performance: Keyboard	8
MUS 181	Choral Conducting: Technique & Literature	2
MUS 182	Instrumental Conducting: Technique & Literature	2
MUS 211	Music Theory III: Harmony & Form	3
MUS 212	Music Theory IV: Adv. Harmony & Arranging	3
MUS 311	History of Music and Literature I	3
MUS 312	History of Music and Literature II	3
MUS 321 or MUS 391/392 Concert Chorale or Marching/Concert Band		4
MUS 326	Advanced Applied Performance: Keyboard	8
MUS 350	Junior Recital	1
MUS 420	Form and Analysis	2
MUS 433	Arranging for Voices and Instruments	2
MUS 451	Senior Recital	1
Performance - Choose Area of Interest: Instrumental or Vocal/Choral		14
Instrumental		
MUS 231	Guitar/String Technique, Pedagogy & Repertoire	2
MUS 234	Woodwind Technique, Pedagogy & Repertoire	2
MUS 235	Brass & Percussion Technique, Pedagogy & Repertoire	2
MUS 413	Instrumental Ensemble Pedagogy	2
MUS 423	Instrumental Repertoire	2
MUS 343 or 371 or 385		4
Vocal/Choral		
MUS 130/330	Vocal Technique & Pedagogy	2
MUS 220	Italian & German Diction & Repertoire	2
MUS 221	French & English Diction & Repertoire	2
MUS 320	Vocal Repertoire	2
MUS 408	Choral Ensemble Pedagogy	2
MUS 323 or 361 Chamber Singers or Madrigal Singers		4

Performing Arts Department Requirements		8
PERF 240 & 340 Seminar: Perf. & Recital Attendance		0
PERF 402	Mental Skills Training for Performing Artists	2
PERF 442	Business for Performing Artists	2
PERF 460	Principles of Arts Management & Administration	2
PERF 465	Marketing Performing Arts, Culture, & Entertainment	2
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Requirements Area 5B satisfied by MUS 106

Music majors must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music majors who are on BM with Electives in an Outside Field track and who may have an internship their last semester, are also exempt from applied lessons and a major ensemble in that semester.

All Performance majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.

1. Performing Arts Majors are required to take the following Gen Ed courses for their degree:
 - a. GE2B: TH 0220 Professional Interaction
 - b. GE5B: MUS 0101 Jazz Styles, or MUS 0106 World Music, or TH 0116 History of Musical Theat
2. Performing Arts Majors must enroll in the following (depending on year of study and necessity of credit for GPA) they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
 - a. PERF 0240 Performance Hour and Concert Attendance 0credits
 - b. PERF 0241 Performance Hour and Concert Attendance 1credits
 - c. PERF 0340 Performance Hour and Concert Attendance 0credits
 - d. PERF 0341 Performance Hour and Concert Attendance 1credits
- 3.
4. Performing Arts Majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.
5. Performing Arts Majors must complete and pass a performance jury evaluation every semester they take applied lessons, with the exception being the semester they do their capstone performance.
6. Performing Arts Majors must enroll in the following 0-credit studio courses (depending on year of study) every semester they take applied lessons.
 - a. PERF 0242 Applied Studio Class
 - b. PERF 0442 Advanced Applied Studio Class
7. Performing Arts Majors who are in the BME (education) and BM (performance) programs must pass a piano proficiency before they are awarded their degrees and must enroll in applied keyboard lessons until it is passed. BME students must pass the proficiency before they are allowed to student teach.
8. Performing Arts Majors must pass the Sophomore Barrier at the end of their sophomore year. BA majors are exempt from this requirement.
9. Performing Arts graduates must have at least 39 upper division (300-400) credit hours.

Bachelor of Science**Music Industry 2023-24 AY****Major Code MU10****CIP Code: 501003****Cr Hrs**

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (3 hrs met by TH 220)	0
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts (MUS 101, 106, or 120 or TH 116)	0
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Core Requirements		27
MUS 101 or MUS 106 or MUS 120 or TH 116 (meets GE area 5B)		3
MUS 403	Live and Recorded Sound	3
MUS 410	Industry and Copyright	3
MUS/TH 491	Junior Internship	3
MUS/TH 491	Senior Internship	3
TH 220	Professional Interaction (meets GE area 2B)	3
TH 320	Lighting Design	3
TH 382	Sound Design	3
TH 441	Stage Design	3
Music Focused Requirements		28
MUS 111	Music Theory I: Musicianship & Aural Skills	3
MUS 112	Music Theory II: Adv. Musicianship & Aural Skills	3
MUS 121 or MUS 191/192 Concert Choral or Marching/Concert Band		4
MUS 166 or 116 or 126 or 136 or 146 or 156		4
MUS 311	History of Music and Literature I	3
MUS 312	History of Music and Literature II	3
MUS 321 or MUS 391/392 Concert Choral or Marching/Concert Band		4
MUS 366 or 316 or 326 or 336 or 345 or 356		4
Industry Related Requirements		20
ACCT 201	Principles of Financial Accounting	3
COMM 200	Audio production for Media	3
COMM 201	Video Production	3
COMM 320	Advanced Video Production	3
ENT 202	Business Opportunities & Innovation	1
ENT 210	Management Process for Entrepreneurs	1
GB 320	Business Communication	3
MRKT 300	Principles of Marketing	3
Performing Arts Department Requirements		8
PERF 240 & 340 Seminar: Perf. & Recital Attendance		0
PERF 402	Mental Skills Training for Performing Artists	2
PERF 442	Business for Performing Arts	2
PERF 460	Performing Arts Management & Administration	2
PERF 465	Marketing Arts, Culture & Entertainment	2

Total Hours	Must include at 39 upper division (300-400) hrs	120
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Gen. Ed. Requirements Area 2B met by TH 220 and Area 5B satisfied by MUS 101 or MUS 106

Music majors must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music majors who are on BM with Electives in an Outside Field track and who may have an internship their last semester, are also exempt from applied lessons and a major ensemble in that semester.

Bachelor of Music**Musical Theatre 2023-24 AY****Major Code: MU05****CIP Code: 500901****Cr Hrs**

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (TH 220)	0
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts (TH 116)	
Area 5C	Global Competencies (language)	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Core Requirements		32
TH 105	Applied Performance: Acting	4
TH 116	History of Musical Theatre	3
TH 220	Professional Interaction	3
TH 305	Advanced Applied Performance: Acting	4
MUS 166	Applied Performance: Vocal	8
MUS 350	Junior Recital	1
MUS 366	Advanced Applied Performance: Vocal	8
MUS 451	Senior Recital	1
Music Requirements		20
MUS 103 or 104 or 126 or 203		2
MUS 111	Music Theory I: Musicianship and Aural Skills	3
MUS 112	Music Theory II: Advanced Musicianship and Aura	3
MUS 121	Concert Chorale	4
MUS 220 Italian & German or MUS 221 French & English Diction		2
MUS 321	Concert Chorale	4
MUS 323	Chamber Singers	2
Theatre Requirements		15
TH 106	Production Practicum	2
TH 232 Costume Technology or TH 233 Makeup Technology		2
TH 306	Advanced Production Practicum	2
Choose three		9
TH 320	Lighting Design (3)	
TH 382	Sound Design (3)	
TH 410	Dramaturgy (3)	
TH 441	Stage Design (3)	
Movement Requirements		8
TH 215	Dance: Ballet	2
TH 216	Dance: Jazz	2
TH 217	Dance: Tap	2
TH 218	Dance: Musical Theatre	2
Performing Arts Department Requirements		8
PERF 240 & 340 Seminar: Perf. & Recital Attendance		0
PERF 402	Mental Skills Training for Performing Artists	2
PERF 442	Business for Performing Artists	2
PERF 460	Principles of Arts Management & Administration	2
PERF 465	Marketing Performing Arts, Culture, & Entertainment	2
Total Hours	Must include at 39 upper division (300-400) hrs	120

Music majors must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music majors who are on BM with Electives in an Outside Field track and who may have an internship their last semester, are also exempt from applied lessons and a major ensemble in that semester.

All Performance majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.

1. Performing Arts Majors are required to take the following Gen Ed courses for their degree:
 - a. GE2B: TH 0220 Professional Interaction
 - b. GE5B: MUS 0101 Jazz Styles, or MUS 0106 World Music, or TH 0116 History of Musical Theatre
2. Performing Arts Majors must enroll in the following (depending on year of study and necessity of credit for GPA) they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
 - a. PERF 0240 Performance Hour and Concert Attendance 0credits
 - b. PERF 0241 Performance Hour and Concert Attendance 1credits
 - c. PERF 0340 Performance Hour and Concert Attendance 0credits
 - d. PERF 0341 Performance Hour and Concert Attendance 1credits
3. Performing Arts Majors must enroll in applied lessons and a major ensemble (for Theatre majors, the ensemble is the Production, whereas Concert Chorale, Concert Band, Marching Band, and Wind Ensemble serve as the ensembles for Music majors) every semester they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
4. Performing Arts Majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.
5. Performing Arts Majors must complete and pass a performance jury evaluation every semester they take applied lessons, with the exception being the semester they do their capstone performance.
6. Performing Arts Majors must enroll in the following 0-credit studio courses (depending on year of study) every semester they take applied lessons.
 - a. PERF 0242 Applied Studio Class
 - b. PERF 0442 Advanced Applied Studio Class
7. Performing Arts Majors who are in the BME (education) and BM (performance) programs must pass a piano proficiency before they are awarded their degrees and must enroll in applied keyboard lessons until it is passed. BME students must pass the proficiency before they are allowed to student teach.
8. Performing Arts Majors must pass the Sophomore Barrier at the end of their sophomore year. BA majors are exempt from this requirement.
9. Performing Arts graduates must have at least 39 upper division (300-400) credit hours.

Bachelor of Music**Vocal Performance 2023-24 AY****Major Code: MU08****CIP Code: 500901****Cr Hrs**

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (3 hrs met by TH 220)	0
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts (3 hrs met by TH 116)	0
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Music Core Requirements		61
MUS 111	Music Theory I: Musicianship & Aural Skills	3
MUS 112	Music Theory II: Adv. Musicianship & Aural Skills	3
MUS 121	Concert Choral	4
MUS 126	Applied Performance: Keyboard	3
MUS 166	Applied Performance: Voice	8
MUS 181	Choral Conducting: Technique & Literature	2
MUS 182	Instrumental Conducting: Technique & Literature	2
MUS 211	Music Theory III: Harmony & Form	3
MUS 212	Music Theory IV: Adv. Harmony & Arranging	3
MUS 311	History of Music and Literature I	3
MUS 312	History of Music and Literature II	3
MUS 321	Concert Choral	4
MUS 350	Junior Recital	1
MUS 366	Advanced Applied Performance: Voice	8
MUS 420	Form and Analysis	2
MUS 433	Arranging for Voices and Instruments	2
MUS 451	Senior Recital	1
TH 116	History of Musical Theatre (GE area 5B)	3
TH 220	Professional Interaction (GE area 2B)	3
Performance		14
MUS 130	Vocal Technique and Pedagogy	2
MUS 220	Italian and German Diction	2
MUS 221	French and English Diction	2
MUS 320	Vocal Repertoire	2
MUS 408	Choral Ensemble Pedagogy	2
MUS 323 or 362 Chamber Singers or Madrigal Singers		4
Performing Arts Department Requirements		8
PERF 240 and 340 Seminar: Perf. & Recital Attendance		0
PERF 402	Mental Skills Training for Performing Artists	2
PERF 442	Business for Performing Artists	2
PERF 460	Principles of Arts Management & Administration	2
PERF 465	Marketing Performing Arts, Culture, & Entertainment	2
Total Hours		120
Must include at 39 upper division (300-400) hrs		

Music majors must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach. Similarly, Music majors who are on BM with Electives in an Outside Field track and who may have an internship their last semester, are also exempt from applied lessons and a major ensemble in that semester.

All Performance majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.

1. Performing Arts Majors are required to take the following Gen Ed courses for their degree:
 - a. GE2B: TH 0220 Professional Interaction
 - b. GE5B: MUS 0101 Jazz Styles, or MUS 0106 World Music, or TH 0116 History of Musical Theatre
2. Performing Arts Majors must enroll in the following (depending on year of study and necessity of credit for GPA) they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
 - a. PERF 0240 Performance Hour and Concert Attendance 0credits
 - b. PERF 0241 Performance Hour and Concert Attendance 1credits
 - c. PERF 0340 Performance Hour and Concert Attendance 0credits
 - d. PERF 0341 Performance Hour and Concert Attendance 1credits
3. Performing Arts Majors must enroll in applied lessons and a major ensemble (for Theatre majors, the ensemble is the Production, whereas Concert Chorale, Concert Band, Marching Band, and Wind Ensemble serve as the ensembles for Music majors) every semester they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
4. Performing Arts Majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.
5. Performing Arts Majors must complete and pass a performance jury evaluation every semester they take applied lessons, with the exception being the semester they do their capstone performance.
6. Performing Arts Majors must enroll in the following 0-credit studio courses (depending on year of study) every semester they take applied lessons.
 - a. PERF 0242 Applied Studio Class
 - b. PERF 0442 Advanced Applied Studio Class
7. Performing Arts Majors who are in the BME (education) and BM (performance) programs must pass a piano proficiency before they are awarded their degrees and must enroll in applied keyboard lessons until it is passed. BME students must pass the proficiency before they are allowed to student teach.
8. Performing Arts Majors must pass the Sophomore Barrier at the end of their sophomore year. BA majors are exempt from this requirement.
9. Performing Arts graduates must have at least 39 upper division (300-400) credit hours.

**Bachelor of Science
Nursing Requirements 2023-24 AY
CIP Code: 513801**

**Major Code NU00
Cr Hrs**

General Education CORE 42 Requirements 42*		26
Area 1A	Social & Behavioral Sciences (PSY 100 & SOC 110)	
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 121 or 140)	
Area 3B	Natural science With Lab (BIO 121)	
Area 4	Mathematics (MATH 130)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Pre-requisites for Nursing Program		33-34
(See Course Descriptions for prerequisites)		
BIO 121	Anatomy and Physiology I*	4
BIO 221	Anatomy and Physiology II	5
BIO 231	General and Medical Microbiology	5
CHEM 121/122	Chemistry for Allied Health Sciences & Lab*	4-5
	OR	
CHEM 140/141	General Chemistry I & Lab* (5)	
ECON 101, ECON 201 or ECON 202 or SOC 110*		3
KINE 385	Nutrition for Human Development (3)	3
MATH 130	College Algebra	3
PSY 100	General Psychology*	3
PSY 320 or MATH 310 or GB 321 or SOC/PSC 350 Statistics		3
Nursing Requirements		54
NURS 307	Foundational Concepts of Nursing	6
NURS 314	Pharmacology I	2
NURS 321	Adult Health I	6
NURS 328	Concepts of Mental Health Nursing	3
NURS 333	Adult Health II	7
NURS 342	Pharmacology II	2
NURS 407	Concepts of Women's Health & Ob Nursing	3
NURS 414	Concepts of Pediatric & Family Nursing	3
NURS 421	Pharmacology III	2
NURS 428	Adult Health III	5
NURS 435	Adult Health IV	6
NURS 442	Concepts of Leadership & Mgmt in Nursing	2
NURS 449	Concepts in Population Health Nursing	3
NURS 456	Concepts of Evidence-Based Practice in Nursing	2
NURS 463	Senior Seminar	2
Electives from list as needed to total 120 credit hours		5-6
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Core 42 Requirements: Area 1A satisfied by PSY 100 and SOC 110 or ECON 101,201 or 202 (6 hrs), Area 3A & 3B satisfied by BIO 121 and CHEM 121 or 140 (7 hrs), Area 4 met by MATH 130 (3 hrs)

Admission Requirements

Cumulative GPA of 2.8 minimum based on completion of first-year and sophomore courses in the suggested order of study by the junior year

Completion of BIO 121, BIO 221, BIO 231, CHEM 121/122 or CHEM 140/141, KINE 385, MATH 130 and (PSY 320 or MATH 310 or GB 321 or SOC/PSC 350) with a grade of 'C' or higher (may repeat required courses one time)

Criminal record check

LPH-BSN track a minimum score of 75% on NLN NACE exam (may repeat 1 time)

State of Missouri Care Giver Background Screening

Obtain and/or maintain current CPR from American Heart Association for Health Care Providers

also readmission prioritization

ELECTIVES		5-6
BIO 308	Pathophysiology	3
HS 102	CPR/AED Training	1
HS 103	First Aid/CPR/AED Training	1
HS 111	Medical Terminology	3
HS 112	Intro to ECG Interpretation	1
HS 210	Success in Health Profession Programs	1
HS 355	Healthcare Quality and Patient Safety	3
HS 360	Health Policy	3
HS 365/COMM 365	Health Communication	3
KINE 305	Aging and Health	2
PARA 101	Escaping Violent Encounters	1
PHIL 140	Critical Thinking	3
PSY 205	Child & Adolescent Development	3
PSY 432	Abnormal Psychology	3
SPAN 103	Spanish for Medical Personnel I	3
SPAN 104	Spanish for Medical Personnel II	3

Bachelor of Science**Nursing Requirements RN to BSN 2024****Major Code NU02****CIP Code: 513801****Cr Hrs**

General Education CORE 42 Requirements 42*		26
Area 1A	Social & Behavioral Sciences (PSY 100 & SOC 110)	
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 121 or 140)	
Area 3B	Natural science With Lab (BIO 121)	
Area 4	Mathematics (MATH 130)	
Area 5A	Humanities HS 312 recommended	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies HS 305 recommended	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Pre-requisites for Nursing Program		33-34
(See Course Descriptions for prerequisites)		
BIO 121	Anatomy and Physiology I*	4
BIO 221	Anatomy and Physiology II	5
BIO 231	General and Medical Microbiology	5
CHEM 121/122	Chemistry for Allied Health Sciences & Lab*	4-5
	OR	
CHEM 140/141	General Chemistry I & Lab* (5)	
ECON 101, ECON 201 or ECON 202 or SOC 110*		3
KINE 385	Nutrition for Human Development (3)	3
MATH 130	College Algebra	3
PSY 100	General Psychology*	3
MATH 310 Elementary Statistics OR PSY 320 Applied Statistics		3
Nursing Requirements		33
NURS 431#	Concepts of Professional Nursing RN to BSN	3
NURS 437	Advanced Health Assessment	3
NURS 444	Applied Pathophysiology & Pharmacology ...	4
NURS 451	Innovation in Nursing and Healthcare	4
NURS 458	Nursing Research and Evidence-Based Practice	4
NURS 479	Population Health for Clinical Practice	4
NURS 486	Leadership, Management, & Nursing Practice	4
NURS 493	Practicum: Application of Learned Concepts	4
HS 360	Health Policy	3
PLA/Electives from list as needed to total 120 credit hours		26-27
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Core 42 Requirements: Area 1A satisfied by PSY 100 and SOC 110 or ECON 101,201 or 202 (6 hrs), Area 3A & 3B satisfied by BIO 121 and CHEM 121 or 140 (7 hrs), Area 4 met by MATH 130 (3 hrs)

#Students will be awarded up to 26 credit hours of nursing credit upon successful completion of NURS 431 and NURS 493. This award for credit is based upon licensure as a Registered Nurse and an Associate or Diploma degree from a regionally or nationally accredited and fully state approved Associate Degree or Diploma Nursing program. Area 1A, 1B, 2A, 3A, 5B and D for a regionally or nationally accredited and fully state approved Associate degree or Diploma Nursing program may be considered for Prior Learning Assessment credit. A pathway fee of \$300.00 will be assessed upon completion of NURS 493 Practicum experience. Anatomy and Physiology, Microbiology, and Chemistry must have a lab component.

NU03 applicant code

Bachelor of Arts 2023-24 AY**Psychology****Major Code PY01****CIP Code: 420101****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (PSY 100)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (language for 3 hrs)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (language)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Modern Language (courses in same prefix)		10-12
Psychology Requirements		49
PSY 100	General Psychology *	3
PSY 320	Applied Statistics	3
PSY 325	Research Methods in Psychology	3
PSY 330	Experimental Psychology	5
PSY 386	Conditioning and Learning	3
PSY 390	Junior Seminar	2
PSY 432	Abnormal Psychology	3
PSY 443	Cognitive Psychology	3
PSY 481	Senior Thesis	3
Psychology Electives***		12
Choose One:		3
PSY 200	Child Development	
PSY 201	Adolescent Development (3)	
PSY 205	Child and Adolescent Development	
PSY 475	Adult Development and Aging	
Choose One:		3
PSY 411	Sensation and Perception	
PSY 415	Animal Behavior	
PSY 442	Physiological Psychology	
Choose One:		3
PSY 341	Social Psychology	
PSY 422	Theories of Personality	
Electives (minor or certificate recommended)		25-27
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Core 42 Requirements: Area 1A 3 hrs met with PSY 100, 6 hours modern language can satisfy Area 5A or 3 hrs to Area 5A and 3 hrs to Area 5C.

***The Psychology elective requirement will be met by completing 12 hours of additional Psychology courses, of which 6 hours must be in upper-division courses, 300-level or above. No more than 3 hours of PSY 499 and no more than 3 hours of PSY 491 may be used to fulfill the Psychology elective requirement.

In order to graduate with a major in Psychology, a student must meet the following requirements:

1. Earn a 2.50 or above overall GPA
2. Earn a 2.50 or above in all PSY prefix courses required within the major.

As a discipline, psychology has important new discoveries and understanding changing the landscape of the field on a regular basis. Because of this, for students pursuing either a Bachelor of Science or Bachelor of Arts degree in Psychology, all courses with a PSY prefix cannot be more than 12 years old at the time of graduation with the major. Once a class with PSY is over 12 years old, it will be removed from the degree plan in Degree Works, and students will need to retake the class to satisfy major requirements. Any exception to this policy would require a petition.

Bachelor of Science 2023-24 AY**Psychology****Major Code PY00****CIP Code:420101****Cr Hrs**

General Education CORE 42 Requirements 42*		39
Area 1A	Social & Behavioral Sciences (PSY 100)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Psychology Requirements		49
PSY 100	General Psychology *	3
PSY 320	Applied Statistics	3
PSY 325	Research Methods in Psychology	3
PSY 330	Experimental Psychology	5
PSY 386	Conditioning and Learning	3
PSY 390	Junior Seminar	2
PSY 432	Abnormal Psychology	3
PSY 443	Cognitive Psychology	3
PSY 481	Senior Thesis	3
Psychology Electives***		12
Choose One:		3
PSY 200	Child Development	
PSY 201	Adolescent Development (3)	
PSY 205	Child and Adolescent Development	
PSY 475	Adult Development and Aging	
Choose One:		3
PSY 411	Sensation and Perception	
PSY 415	Animal Behavior	
PSY 442	Physiological Psychology	
Choose One:		3
PSY 341	Social Psychology	
PSY 422	Theories of Personality	

Science Electives (choose to total 9 credit hours)		9
ACCT 201	Principles of Financial Accounting	
ACCT 202	Principles of Managerial Accounting	
ACCT 321	Analytics for Accountants	
CJ 200	Crime Scene Investigation I	
ECON 201	Principles of Economics (Macro)	
ECON 202	Principles of Economics (Micro)	
FIN 101	Introduction to Personal Financial Planning	
GEOG 120	Introduction to Physical Geography	
GEOG 121	Introduction to Physical Geography w/Lab	
GEOG 306	Introduction to Global Health	
HS 111	Medical Terminology	
HS 312	Biomedical Ethics	
IET 110	Engineering Graphics I	
INTS 306	Introduction to Global Health	
KINE 342	Biomechanical Analysis of Movement	
KINE 385	Nutrition for Human Development	
KINE 387	Diet and Disease	
PHIL 140	Critical Thinking	
PHIL 312	Biomedical Ethics	
PHIL 420	Philosophy of Science	
PSY 242	Introduction to Neuroscience	
PSY 411	Sensation and Perception	
PSY 415	Animal Behavior	
PSY 442	Behavioral Neuroscience	
RAD 101	Introduction to Radiology	
RAD 111	Medical Terminology	
RAD 132	Principles of Radiographic Exposure	
RAD 170	Radiologic Physics	
SOC 316	Introduction to Global Health	
Courses with BIO, CHEM, MATH, GEOL, EH, PHYS, and CIS prefixes		
Electives		22
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Core 42 Requirements Area 1A 3 hours met by PSY 100

***The Psychology elective requirement will be met by completing 12 hours of additional Psychology courses, of which 6 hours must be in upper-division courses, 300-level or above. No more than 3 hours of PSY 499 and no more than 3 hours of PSY 491 may be used to fulfill the Psychology elective requirement.

In order to graduate with a major in Psychology, a student must meet the following requirements:

1. Earn a 2.50 or above overall GPA
 2. Earn a 2.50 or above in all PSY prefix courses required within the major.
- Report 19-20: 02 AP 9/23/19

As a discipline, psychology has important new discoveries and understanding changing the landscape of the field on a regular basis. Because of this, for students pursuing either a Bachelor of Science or Bachelor of Arts degree in Psychology, all courses with a PSY prefix cannot be more than 12 years old at the time of graduation with the major. Once a class with PSY is over 12 years old, it will be removed from the degree plan in Degree Works, and students will need to retake the class to satisfy major requirements. Any exception to this policy would require a petition.

Associate of Science**Radiologic Technology 2023-24 AY****Major Code RA01****CIP Code: 510907****Cr Hrs**

General Education CORE 42 Requirements 23*		17
Area 1A	Social & Behavioral Sciences (PSY 100)	
Area 1B	Civic Engagement	3
Area 2A	Written Communication	3
Area 2B	Oral Communication	3
Area 3	Natural Science (BIO 121)	
Area 4	Mathematics	3
Area 5A	Humanities/Fine Arts	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Other Requirements		7
BIO 121	Human Anatomy and Physiology I*	4
PSY 100	General Psychology*	3
Radiology Requirements		60
RAD 100	Basic Concepts in Radiology	3
RAD 101	Introduction to Radiology	3
RAD 110	Clinical Training I	2
RAD 111	Medical Terminology	3
RAD 132	Principles of Radiographic Exposure	4
RAD 142	Radiographic Positioning I	4
RAD 170	Radiologic Physics	3
RAD 210	Clinical Training II	2
RAD 241	Radiographic Positioning II	3
RAD 270	Radiographic Pathology	3
RAD 300	Clinical Training III	2
RAD 301	Image Critique and Quality Management in Radiology	2
RAD 320	Radiographic Positioning III	3
RAD 340	Clinical Training IV	3
RAD 350	Patient Care and Radiation Protection in Radiology	3
RAD 360	Clinical Training V	3
RAD 370	Special Topics in Radiology.	3
RAD 399	Advanced Radiology	3
BIO 221	Human Anatomy and Physiology II	5
BIO 240	Radiation Biology	3
Total Hours		85

*Gen. Ed. Requirements Area 3 satisfied by BIO 121 and Area 1A satisfied by PSY 100

Associate of Science**Respiratory Care 2023-24 AY****Major Code RE00****CIP Code: 510908****Cr Hrs**

General Education CORE 42 Requirements 23*		20
Area 1A	Social & Behavioral Sciences	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	3
Area 2B	Oral Communication	3
Area 3	Natural Science (BIO 121)	
Area 4	Mathematics	3
Area 5A	Humanities/Fine Arts	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Respiratory Therapy Requirements		61
BIO 121	Human Anatomy and Physiology I*	4
RESP 101	Respiratory Therapy Foundations	3
RESP 102	Cardiopulmonary Sciences	3
RESP 105	Cardiopulmonary Anatomy & Physiology	3
RESP 107	Respiratory Therapy Procedures	3
RESP 108	Respiratory Procedures Lab	3
RESP 120	Cardiopulmonary Pathology	3
RESP 125	Respiratory Therapy Clinical I	3
RESP 129	Cardiopulmonary Pharmacology	3
RESP 222	Introduction to Mechanical Ventilation	4
RESP 226	Cardiopulmonary Diagnostic	3
RESP 239	Respiratory Therapy Clinical II	5
RESP 307	Cardiopulmonary Assessment	3
RESP 311	Neonatal/Pediatric Care	3
RESP 312	Advanced Mechanical Ventilation	3
RESP 313	Alternate Site Respiratory Therapy	3
RESP 340	Advanced Level Clinical Practice	5
RESP 341	Research Issues, Methods	2
RESP 348	Capstone Simulation	2
Total Hours		82

*Gen. Ed. Requirements Area 3 satisfied by BIO 121

Students must pass the National Board for Respiratory Therapy Self-Assessment Exam (SAE) for both CRT and RRT prior to graduation from Missouri Southern State University.

Bachelor of Social Work (BSW)**Social Work 2023-24 AY****Major Code SW01****CIP Code:440701****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (PSY 100 & SOC 11	0
Area 1B	Civic Engagement (PSC 120)	0
Area 2A	Written Communication	6
Area 2B	Oral Communication (TH220 recommended)	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Required Core 42 Courses		9
PSY 0100	General Psychology*	3
PSC 120	American Government*	3
SOC 0110	Introduction to Sociology*	3
Social Work Curriculum		49
SW 0231	Introduction to Human Services	3
SW 0300	Social Welfare Policy and Services	3
SW 0310	Human Behavior and the Social Environment I	3
SW 0320	Human Behavior and the Social Environment II	3
SW 0370	Social Diversity	3
SW 0410	Generalist Practice with Individuals and Families	3
SW 0420	Generalist Practice with Groups	3
SW 0430	Generalist Practice Skills with Organizations & Communities	3
SW 0450	Introduction to Field Experience	1
SW 0470	Social Research and Evaluation	3
SW 0475	Social Justice Practice	3
SW 0480	Field Education I	4
SW 0481	Field Seminar I	2
SW 0485	Field Education II	4
SW 0486	Field Seminar II	2
Select two from the following:		6
SW 0391	Substance Abuse Services (3)	
SW 0392	Mental Health Services (3)	
SW 0393	Family and Children Services (3)	
SW 0394	Gerontology (3)	
SW 0395	The Happiness Project((3)	
Electives		28
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Core 42 Requirements Area 1A satisfied by PSY 100 & SOC 110 (6 hrs), Area 1B satisfied by PSC 120 (3 hrs),

*** See prerequisites

Bachelor of Arts 2022-23 AY**Sociology****Major Code SO00****CIP Code: 451101****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (SOC 110)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (language for 3 hrs)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (language)	
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Modern Language (courses in same prefix)		10-12
Sociology Requirements		36
SOC 110	Introduction to Sociology*	3
SOC 210	Social Problems***	3
SOC 311	Social Stratification***	3
SOC 340	Social Science Research Methods***	3
SOC 482	Sociological Theory***	3
ANTH	Any course above ANTH 101	3
SOC/ANTH	Courses (12 hours must be upper division)	18
General Electives (minor or certificate recommended)		38-40
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A 3 hrs met with SOC 110, 6 hours modern language can satisfy Area 5A or 3 hrs to Area 5A and 3 hrs to Area 5C.

***See prerequisites

Bachelor of Science 2022-23 AY**Sociology****Major Code SO01****CIP Code: 451101****Cr Hrs**

General Education CORE 42 Requirements 42*		39
Area 1A	Social & Behavioral Sciences (SOC 110)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Sociology Requirements		39
SOC 110	Introduction to Sociology*	3
SOC 311	Social Stratification**	3
SOC 340	Social Science Research Methods***	3
SOC 362	Deviant Behavior**	3
SOC 482	Sociological Theory**	3
ANTH	Any course above ANTH 101	3
SOC or ANTH electives (15 hrs must be upper division)		21
General Electives (minor recommended***)		41
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements Area 1A 3 hours met by SOC 110

***See prerequisites

Highly recommended, choose one: SOC/PSC 350, PSY 320, GEOG 301, or ENG 310

Bachelor of Arts 2023-24 AY**Spanish Concentration****Major Code FL02****CIP Code: 160900****Cr Hrs**

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (language for 6 hrs)	0
Area 5B	Fine Arts	3
Area 5C	Global Competencies (language)	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Spanish Requirements		36
SPAN 102	Beginning Spanish II	3
SPAN 203	Intermediate Spanish I	3
SPAN 204	Intermediate Spanish II	3
SPAN 300	Grammar and Composition	3
Spanish Electives (300 level or above)		24
Additional Requirements		
1. Proficiency examinations (see below)		
2. Immersion experience (see below)		
Electives**	certificate or minor recommended	47
Total Hours	Must include at 39 upper division (300-400) hrs	120

Gen. Ed. Requirements: 3 hours of Modern Language meets 3 hours of Area 5A or 3 hours of Area 5C.

**Electives as needed to satisfy 39 upper division hours and to meet 120 total hours

Study abroad or an immersion experience (Internship) must be completed

Pre-approved study abroad must be upper-division credits (a minimum 3 credits with a maximum of 15 credits)

Immersion Experience (Internship) – use of language concentration is paramount, and the immersion experience must be pre-approved by the department chair. There is a cap of 9 credit hours of internships.

Current senior proficiency examinations (5 exams, but a candidate must pass 3 out of 5)

FRENCH 300 Advanced French and Spanish 300 Composition and Grammar must be taken at MSSU

Upper division language courses may be taken in ANY order, however certain courses do have FREN 300 or SPAN 300 as a prerequisite.

BSE candidates of French and/or Spanish can have no more than 6 credits of history/civilization

FREN/SPAN 102-204 must be taken (OR a candidate must take a placement test and petition for retro-credit for lower division courses that were “skipped”)

A TOTAL of 27 credit hours of upper division language courses (9 classes) of the same language prefix are required to graduate with a BA in Modern Languages with a Concentration in either French or Spanish

Sport and Recreation Management (SRM) Business emphasis
Bachelor of Science 2023-24 AY Major Code: K104
CIP Code: 310504 Cr Hrs

General Education CORE 42 Requirements 42*		42
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Sport & Recreation Mgmt Core		47
COMM 211	Intro to Public Relations	3
GB 320	Business Communications	3
KINE 220	First Aid and Sport Safety	2
KINE 367	Socio-Psychological Aspects of Physical Education	3
KINE 375	Physical Activity for Special Populations	3
KINE 380	Research Methods Health & Exercise Science	3
MGMT 237	Using Information Systems	3
SRM 101	Intro to Sport & Recreation Management	3
SRM 220	Sports Around the Globe	3
SRM 300	Marketing & Promotion in Sport & Recreation	3
SRM 310	Facility & Event Mgmt in Sport & Recreation	3
SRM 320	Risk Mgmt & Legal Issues in Sport & Recreation	3
SRM 330	Sport & Recreation Finance: Budget & Rev. Mgmt	3
SRM 340	Leadership within SRM	3
SRM 400	Social Media & analytics in Sport & Recreation	3
SRM 491	Sport & Recreation Internship	3
Sport & Recreation Business Emphasis		12
ACCT 200	Intro to Accounting	3
MRKT 321	Professional Sales & Sales Management	3
MGMT 350	Fundamentals of Organizational Mgmt	3
MGMT 441	Organizational Behavior	3
Sport & Recreation Business Emphasis Suggested Electives*		18
<i>Electives are selected with approval of a Sport & Recreation management academic advisor who will assist students in selecting elective courses appropriate for the student's goals.</i>		
Suggested Certificates/Minors		
Professional Communication Certificate (MM70)		
Website Administration Certificate (CI91)		
App Development Certificate (CI90)		
Communication Minor in Public Relations (CO81)		
Marketing Minor (MM83)		
Human Resources Management Minor (MM81)		
Other certificates and minors are also available.		
Total Hours	Must include at 39 upper division (300-400) hrs	120

Sport and Recreation Management (SRM) Kinesiology emphasis
Bachelor of Science 2023-24 AY Major Code: KI03
CIP Code: 310504 Cr Hrs

General Education CORE 42 Requirements 42*		42
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Sport & Recreation Mgmt Core		47
COMM 211	Intro to Public Relations	3
GB 320	Business Communications	3
KINE 220	First Aid and Sport Safety	2
KINE 367	Socio-Psychological Aspects of Physical Education	3
KINE 375	Physical Activity for Special Populations	3
KINE 380	Research Methods Health & Exercise Science	3
MGMT 237	Using Information Systems	3
SRM 101	Intro to Sport & Recreation Management	3
SRM 220	Sports Around the Globe	3
SRM 300	Marketing & Promotion in Sport & Recreation	3
SRM 310	Facility & Event Mgmt in Sport & Recreation	3
SRM 320	Risk Mgmt & Legal Issues in Sport & Recreation	3
SRM 330	Sport & Recreation Finance: Budget & Rev. Mgmt	3
SRM 340	Leadership within SRM	3
SRM 400	Social Media & analytics in Sport & Recreation	3
SRM 491	Sport & Recreation Internship	3
Sport & Recreation Kinesiology Emphasis		14
KINE 114	Fitness Programming and Assessment	2
KINE 255	Dance and Recreational Pursuits	2
KINE 340	Motor Learning	3
KINE 351	Exercise Interventions	3
KINE 355	Lifetime Sports Academy Practicum	1
KINE 395	Practicum in Sports & Recreation Mgmt	3
Sport & Recreation Kinesiology Emphasis Suggested Electives*		16

<i>Electives are selected with approval of a Sport & Recreation management academic advisor who will assist students in selecting elective courses appropriate for the student's goals.</i>		
Suggested Certificates/Minors		
<i>Coaching Certificate (KI90)</i>		
<i>Population Health Certificate</i>		
<i>Exercise Science Certificate</i>		
<i>Other certificates and minors are also available.</i>		
Suggested Courses		
KINE 150	Rules and Officiating of Team Sports (3)	3
KINE 252	Team and Individual Sports (3)	3
KINE 292	Theory & Technique of Strength Training (2)	2
KINE 298	Archery and Air Rifle (2)	2
KINE 305	Aging and Health (2)	2
KINE 385	Nutrition	3
KINE 396	Practicum in Coaching (3)	3
KINE 450	Prevention & Care of Injuries (3)	3
Total Hours	Must include at 39 upper division (300-400) hrs	120

Bachelor of Science in Education (BSE)**Art (K-12) 2023-24 AY****Major Code ES08****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (PSY 100 3 HRS)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts (ART 251 or ART 252)	0
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		26
EDUC 100	Introduction to Teacher Education I	3
PSY 100	General Psychology*	3
ART 103	Three Dimensional Design	3
ART 195	Art and Design Orientation Seminar	0
Media Elective (select one)		3
ART 205	Beginning Jewelry Design/Metalsmithing (3)	
ART 210	Beginning Water Media (3)	
ART 212	Introduction to Printmaking (3)	
ART 215	Digital Illustration (3)	
ART 371	Life Drawing (3)	
ART 251	Art History-Prehistoric to Gothic	3
ART 252	Art History-Renaissance thru 19th Century	3
ART 295	Foundation Review	0
ART 372	Color Theory	3
ART 490	Professional Studio Practices	2
ART 495	Capstone Art Experience	0
ART	History Elective (upper division)	3
Professional Education (3.0 GPA/C or better)		25
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3

Content Knowledge (3.0 GPA/C or better)		31
ART 101	Two Dimensional Design	3
ART 130	Basic Drawing	3
OR		
ART 270	Intermediate Drawing (3)	
OR		
ART 371	Life Drawing (3)	
ART 140	Basic Digital Photography & Image Editing	3
ART 200	Beginning Fibers	3
ART 207	Beginning Ceramics	3
ART 211	Beginning Sculpture	3
ART 232	Beginning Painting	3
OR		
ART 210	Beginning Water Media (3)	
ART 270	Intermediate Drawing	3
ART 305	Art Theory	3
ART 380	K-8 Methods	2
ART 381	9-16 Methods	2
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 464	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	126

*Gen. Ed. Core 42 Requirements: Area 1A 3hrs met by PSY 100, Area 5B Satisfied by ART 251 or 252 (3 hrs), Area 5C satisfied by EDUC 280 (3 hrs)

ENG 250 recommended for Area 5A 3 of 6 required hours, MATH 125 recommended for Area 4, 3 hours

Junior Block courses

ART History upper division elective options

A303 Art History, 19th Century

o A304 Art History, 20th Century

o A306 Art History, African Art

o A307 Art History, Islamic Art

o A308 Art History, Women in Art

o A309 History and Theory of Graphic Design

o A364 History and Theory of Fashion

o A366 Art of Scandinavia

o A367 International Art Seminar

o A498 Special Topic in Art History*

*requires an academic petition

Bachelor of Science in Education (BSE) 2023-24 AY**Biology (9-12)****Major Code ES09****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		26
Area 1A	Social & Behavioral Sciences (PSY 100 3 HRS)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (CHEM 140)	0
Area 3B	Natural science With Lab (BIO 180)	0
Area 4	Mathematics (MATH 140)	0
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		11
EDUC 100	Introduction to Teacher Education I	3
PSY 100	General Psychology*	3
MATH 140	Algebra and Trigonometry*	5
Professional Education (3.0 GPA/C or better)		34
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 333	Teaching Science in Middle & Secondary School	3
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		44
BIO 108	Principles of Biology I	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 180	Essential Anatomy & Physiology I*	4
BIO 210	Molecular Cell Biology	4
BIO 231	General and Medical Microbiology	5
BIO 305	Genetics	4
BIO 402	General Ecology	4
CHEM 140	General Chemistry I	3
CHEM 141	General Chemistry I lab	1
GEOL 120	Introduction to Geology	4
PHIL 420	Philosophy of Science	3
PHYS 160	Elementary College Physics I	4
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 462	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	126

*Gen. Ed. Core 42 Requirements: Area 1A 3hrs met by PSY 100, Area 3A&B met by CHEM 140 and BIO 180 (7 hrs), Area 4 met by MATH 140 (3 hrs), Area 5C satisfied by EDUC 280 (3 hrs)

ENG 250 suggested for 3 hrs of Area 5A

Junior Block courses

Bachelor of Science in Education (BSE) 2023-24 AY**Business (9-12)****Major Code ES10****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (PSY 100 & ECON 201)	0
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		9
EDUC 100	Introduction to Teacher Education I	3
MRKT 405	eMarketing	3
PSY 100	General Psychology*	3
Professional Education (3.0 GPA/C or better)		34
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 336	Teaching Business in Middle & Secondary School	3
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		39
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ECON 201*	Principles of Economics (Macro)*	3
ECON 202	Principles of Economics (Micro)*	3
GB 301	Legal Environment of Business I	3
GB 320	Business Communication	3
GB 412	Implementing Business Education Programs	3
GB 422	Coordination of Cooperative Education	3
IB 310	International Business*	3
MGMT 237	Using Information Systems	3
MGMT 337	Management Information Systems	3
MGMT 350	Fundamentals of Organizational Management	3
MRKT 300	Principles of Marketing	3
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 462	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	126

*Gen. Ed. Core 42 Requirements: Area 1A met by PSY 100 and ECON 201 or 202 (6 hrs), Area 5C met by EDUC 280 or IB 310(3 hrs)

MATH 125 recommended for Area 4, ENG 250 suggested for 3 hrs of Area 5A

Junior Block courses

Bachelor of Science in Education (BSE) 2023-24 AY**Chemistry (9-12)****Major Code ES04****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		26
Area 1A	Social & Behavioral Sciences (PSY 100)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 102 or CHEM 140)	0
Area 3B	Natural science With Lab (PHYS 270 or GEOL 120)	0
Area 4	Mathematics (MATH 150)	0
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		20
EDUC 100	Introduction to Teacher Education I	3
MATH 150	Calculus and Analytical Geometry I*	5
MATH 250	Calculus with Analytical Geometry II	4
PHYS 290	General Physics II	4
PHYS 291	General Physics II Lab	1
PSY 100	General Psychology*	3
Professional Education (3.0 GPA/C or better)		34
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 333	Teaching Science in Secondary Schools	3
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		49
BIO 102	General Biology*	3
CHEM 140	General Chemistry I*	3
CHEM 141	General Chemistry I Lab*	1
CHEM 142	General Chemistry II	5
CHEM 201	Analytical Chemistry	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry I	3
CHEM 400	Elementary Physical Chemistry	4
CHEM 431	Chemistry Lab Asst. Practicum	1
GEOL 120	Introduction to Geology*	4
GEOL 300	Environmental Geology	3
PHIL 420	Philosophy of Science	3
PHYS 270	General Physics I*	4

Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 462	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	140

*Gen. Ed. Core 42 Requirements: Area 1A 3 hrs met by PSY 100, Area 3A&B met by BIO 102 or CHEM 140 and PHYS 270 or GEOL 120 (6 hrs), Area 4 met by MATH 150, Area 5C met by EDUC 280 or IB 310(3 hrs)

ENG 250 suggested for 3 hrs of Area 5A

Junior Block courses

Bachelor of Science in Education (BSE) 2023-24**Early Childhood Education (B-3)****Major Code EE01****CIP Code: 131202****Cr Hrs**

General Education CORE 42 Requirements 42*		28
Area 1A	Social & Behavioral Sciences (3 of 6 cr hrs PSY 100)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 120)	0
Area 5A	Humanities	6
Area 5B	Fine Arts (ART 220/MUS 332)	0
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness (KINE 370)	0
UE 100	University Experience**	1
Supporting Requirements (C or better)		17
EDUC 100	Introduction to Teacher Education I	3
MATH 119	Math for Elementary Teachers I	3
PSY 100	General Psychology*	3
EDUC elective		8
Professional Education (3.0 GPA/C or better)		61
ART 220	Art for the Elementary Teacher	2
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 311	Science in the Elementary School	3
EDUC 312	Teaching Math in Elementary School	3
EDUC 315	Home, School, & Community in ECC I	3
EDUC 316	Home, School, & Community in ECC II	3
EDUC 317	Program Management in ECC I	4
EDUC 320	Program Management in ECC II	3
EDUC 321	Microteaching#	1
EDUC 322	Teaching Social Studies in Elem & Middle School	3
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 340	Language Arts	2
EDUC 342	Developmental Reading: Elementary	3
EDUC 343	Content Area Literacy: Elementary	1
EDUC 423	Classroom Management#	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
EDUC 470	Assessment in Reading	3
KINE 370	School Health Education**	2
MATH 120	Math for Elementary Teachers II*	3
MUS 332	Music for the Elementary School	1
PSY 310	Educational Psychology	3
Field & Clinical Experience (3.0 GPA/C or better)		13
EDUC 415	Integrated Elementary Methods Practicum	3
EDUC 442	Student Teaching	10
Testing		Passing Score of 220
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A satisfied by PSY 100 (3 of 6 hrs), Area 4 satisfied by MATH 120, Area 5B Satisfied by ART 220/MSU 332 (3 hrs), Area 5C satisfied by EDUC 280 (3 hrs), Area 5D satisfied by KINE 311/370

BIO 102 recommended for Area 3A, PHYS 121 recommended for Area 3B, ENG 250 recommended for Area 5A

Junior Block courses

Any math course that transfers in for General Education area 4 counts as MATH 119

Bachelor of Science in Education (BSE) 2023-24**Elem Ed (1-6)****Major Code EE14****CIP Code: 131202****Cr Hrs**

General Education CORE 42 Requirements 42*		28
Area 1A	Social & Behavioral Sciences (3 of 6 cr hrs PSY 100)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 102 recommended)	3
Area 3B	Natural science With Lab (PHYS 121 recommended)	4
Area 4	Mathematics (MATH 120)	0
Area 5A	Humanities (ENG 250 recommended)	6
Area 5B	Fine Arts (ART 220/MUS 332)	0
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness (KINE 370)	0
UE 100	University Experience**	1
Supporting Requirements (C or better)		9
EDUC 100	Introduction to Teacher Education I	3
MATH 119	Math for Elementary Teachers I	3
PSY 100	General Psychology*	3
Additional Supporting Requirements		21
EDUC 310	Online Elementary Online Orientation	1
EDUC	electives	20
Professional Education (3.0 GPA/C or better)		48
ART 220	Art for the Elementary Teacher	2
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 311	Science in the Elementary School	3
EDUC 312	Teaching Math in Elementary School	3
EDUC 321	Microteaching#	1
EDUC 322	Teaching Social Studies in Elem & Middle School	3
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 340	Language Arts	2
EDUC 342	Developmental Reading: Elementary	3
EDUC 343	Content Area Literacy: Elementary	1
EDUC 423	Classroom Management#	3
EDUC 432	Critical Issues	2
EDUC 470	Assessment in Reading	3
EDUC 435	Equity, Diversity, and Inclusion ...	3
KINE 370	School Health Education**	2
MATH 120	Math for Elementary Teachers II*	3
MUS 332	Music for the Elementary School	1
PSY 310	Educational Psychology	3

Field & Clinical Experience (3.0 GPA/C or better)		13
EDUC 415	Integrated Elementary Methods Practicum	3
EDUC 442	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A satisfied by ECON 101 and PSY 100 (6 hrs), Area 1B satisfied by PSC 120 or HIST 110 or 120 (3 hrs), Area 4 satisfied by MATH 120, Area 5B Satisfied by ART 220/MSU 332 (3 hrs), Area 5C satisfied by EDUC 280 (3 hrs), Area 5D satisfied by KINE 311/370

BIO 102 recommended for Area 3A, PHYS 121 recommended for Area 3B, ENG 250 recommended for Area 5A

Junior Block courses

Any math course that transfers in for General Education area 4 counts as MATH 119

Bachelor of Science in Education (BSE) 2023-24

Elem Ed (1-6) ELL (K-12)

Major Code EE04

CIP Code: 131202

Cr Hrs

General Education CORE 42 Requirements 42*		28
Area 1A	Social & Behavioral Sciences (3 of 6 cr hrs PSY 100)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 120)	0
Area 5A	Humanities	6
Area 5B	Fine Arts (ART 220/MUS 332)	0
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness (KINE 370)	0
UE 100	University Experience**	1
Supporting Requirements (C or better)		12
EDUC 100	Introduction to Teacher Education I	3
MATH 119	Math for Elementary Teachers I	3
PSY 100	General Psychology*	3
EDUC electives		3
Professional Education (3.0 GPA/C or better)		48
ART 220	Art for the Elementary Teacher	2
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 311	Science in the Elementary School	3
EDUC 312	Teaching Math in Elementary School	3
EDUC 321	Microteaching#	1
EDUC 322	Teaching Social Studies in Elem & Middle School	3
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 340	Language Arts	2
EDUC 342	Developmental Reading: Elementary	3
EDUC 343	Content Area Literacy: Elementary	1
EDUC 423	Classroom Management#	3
EDUC 432	Critical Issues	2
EDUC 470	Assessment in Reading	3
ENG 325	Children's Literature	3
KINE 370	School Health Education**	2
MATH 120	Math for Elementary Teachers II*	3
MUS 332	Music for the Elementary School	1
PSY 310	Educational Psychology	3

Content Knowledge (3.0 GPA/C or better)		18
EDUC 380	Theories of Teaching English as a 2nd Language	3
EDUC 381	Language & Culture (Sociolinguistics)	3
EDUC 385	Assessment in ELL	3
EDUC 387	Grammar for Pedagogical Purposes	3
EDUC 480	Instructional Techniques for Teaching ELL	3
EDUC 481	Curriculum Development in ELL	3
Field & Clinical Experience (3.0 GPA/C or better)		13
EDUC 482	Practicum for ELL	3
EDUC 442	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A satisfied by PSY 100 (3 of 6 hrs), Area 4 satisfied by MATH 120, Area 5B Satisfied by ART 220/MSU 332 (3 hrs), Area 5C satisfied by EDUC 280 (3 hrs), Area 5D satisfied by KINE 311/370

BIO 102 recommended for Area 3A, PHYS 121 recommended for Area 3B, ENG 250 recommended for Area 5A

Junior Block courses

Any math course that transfers in for General Education area 4 counts as MATH 119

Bachelor of Science in Education (BSE) 2023-24**Elem Ed (1-6) Special Ed (K-12)****Major Code EE03****CIP Code: 131202****Cr Hrs**

General Education CORE 42 Requirements 42*		28
Area 1A	Social & Behavioral Sciences (3 of 6 cr hrs PSY 100)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 120)	0
Area 5A	Humanities	6
Area 5B	Fine Arts (ART 220/MUS 332)	0
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness (KINE 370)	0
UE 100	University Experience**	1
Supporting Requirements (C or better)		15
EDUC 100	Introduction to Teacher Education I	3
MATH 119	Math for Elementary Teachers I	3
PSY 100	General Psychology*	3
EDUC electives		6
Professional Education (3.0 GPA/C or better)		63
ART 220	Art for the Elementary Teacher	2
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 311	Science in the Elementary School	3
EDUC 312	Teaching Math in Elementary School	3
EDUC 321	Microteaching#	1
EDUC 322	Teaching Social Studies in Elem & Middle School	3
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 331	Language Development for Exceptional Children	3
EDUC 340	Language Arts	2
EDUC 342	Developmental Reading: Elementary	3
EDUC 343	Content Area Literacy: Elementary	1
EDUC 348	Transition Services	3
EDUC 405	Methods of Teaching Students w/Emotional & Beh	3
EDUC 410	Teaching Mild/Moderate Cross-Categorical Clsrm	3
EDUC 423	Classroom Management#	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
EDUC 470	Assessment in Reading	3
EDUC 474	Educ Psych Testing Special Education	3
KINE 370	School Health Education**	2
MATH 120	Math for Elementary Teachers II*	3
MUS 332	Music for the Elementary School	1
PSY 310	Educational Psychology	3

Field & Clinical Experience (3.0 GPA/C or better)		13
EDUC 415	Integrated Elementary Methods Practicum	3
EDUC 442	Student Teaching/Elementary	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A satisfied by PSY 100 (3 of 6 hrs), Area 4 satisfied by MATH 120, Area 5B Satisfied by ART 220/MSU 332 (3 hrs), Area 5C satisfied by EDUC 280 (3 hrs), Area 5D satisfied by KINE 311/370

BIO 102 recommended for Area 3A, PHYS 121 recommended for Area 3B, ENG 250 recommended for Area 5A

Junior Block courses

Any math course that transfers in for General Education area 4 counts as MATH 119

Bachelor of Science in Education (BSE) 2023-24 AY**English (5-9)****Major Code EM22****CIP Code: 131203****Cr Hrs**

General Education CORE 42 Requirements 42*		24
Area 1A	Social & Behavioral Sciences (PSY 100 3 HRS)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication (ENG 101 & 102 6 hrs)	0
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (ENG 261,262,271,272,281,282 6 hrs)	0
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		22
EDUC 100	Introduction to Teacher Education I	3
EDUC or approved content area electives		16
PSY 100	General Psychology*	3
Professional Education (3.0 GPA/C or better)		36
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 332	Teach English & Lang Arts in Middle & Sec School	3
EDUC 412	Mid School & Jr High Organization & Curriculum	2
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		27
ENG 101	College Composition I*	3
ENG 102	College Composition II*	3
ENG 202	Writing & Research in English	3
ENG 261	World Literature I*	3
OR		
ENG 262	World Literature II*	
ENG 271	British Literature I*	3
OR		
ENG 272	British Literature II*	
ENG 281	American Literature I*	3
OR		
ENG 282	American Literature II*	
ENG 301	Introduction to English Linguistics	3
ENG 319	Teaching Writing in Mid/Sec School	3
ENG 330	Young Adult Literature	3

Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 452	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
General Elective		0
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A 3hrs met by PSY 100, Area 2A met by ENG 101 and ENG 102 (6 hrs), Area 5A met by any 2: ENG 261,262,271,272,281,282 (6 hrs), Area 5C satisfied by EDUC 280 (3 hrs)

MATH 125 recommended for Area 4, 3 hours

Junior Block courses

Bachelor of Science in Education (BSE) 2023-24 AY**Secondary English (9-12)****Major Code ES12****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		24
Area 1A	Social & Behavioral Sciences (PSY 100 3 HRS)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication (ENG 101 & 102 6 hrs)	0
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (ENG 261,262,271,272,281,282 6 hrs)	0
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		18
EDUC 100	Introduction to Teacher Education I	3
ENG 216 or ENG 310 or ENG 313 or ENG 315		3
ENG	Electives (6 hours must be upper division)	9
PSY 100	General Psychology*	3
Professional Education (3.0 GPA/C or better)		34
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 332	Teach English & Lang Arts in Middle & Sec School	3
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		36
ENG 101	College Composition I*	3
ENG 102	College Composition II*	3
ENG 202	Writing & Research in English	3
ENG 301	Introduction to English Linguistics	3
ENG 319	Teaching Writing in Mid/Sec School	3
ENG 330	Young Adult Literature	3
ENG 400	History of the English Language	3

Diversity in Literature, Choose one:		3
ENG 251	Black Literature (3)	
ENG 252	Ethnicities in American Literature (3)	
ENG 253	Women's Literature (3)	
Literature Surveys, Choose 4 across 3 areas of emphasis		12
ENG 261	World Literature Ancient-16th Century (3)	
ENG 262	World Literature 16th Century-Present (3)	
ENG 271	British Literature Medieval-18th Century* (3)	
ENG 272	British Literature 18th Century-Present* (3)	
ENG 281	American Literature Beginning-19th Century* (3)	
ENG 282	American Literature 19th Century-Present* (3)	
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 462	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	123

*Gen. Ed. Core 42 Requirements: Area 1A 3hrs met by PSY 100, Area 2A met by ENG 101 and ENG 102 (6 hrs), Area 5A met by any 2: ENG 261,262,271,272,281,282 (6 hrs), Area 5C satisfied by EDUC 280 (3 hrs)

MATH 125 recommended for Area 4, 3 hours

Junior Block courses

Bachelor of Science in Education (BSE) 2022-23 AY**Math (5-9)****Major Code EM21****CIP Code: 131203****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (PSY 100 3 HRS)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics (MATH 120)	0
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		15
EDUC 100	Introduction to Teacher Education I	3
EDUC or approved content electives		9
PSY 100	General Psychology*	3
Professional Education (3.0 GPA/C or better)		36
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 339	Teaching Mathematics in Middle & Sec School	3
EDUC 412	Mid School & Jr High Organization & Curriculum	2
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		25
MATH 119	Math for Elementary Teachers I	3
MATH 120	Math for Elementary Teachers I*	3
MATH 125	Contemporary Mathematics	3
MATH 140	Algebra and Trigonometry	5
MATH 150	Calculus with Analytical Geometry I	5
MATH 310	Elementary Statistics	3
MATH 315	Algebraic Structures for Teachers	3
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 452	Student Teaching	10
Testing		Passing Score of 220
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A 3hrs met by PSY 100, Area 4 met by MATH 120, Area 5C met by EDUC 280 (3 hrs)

ENG 250 recommended for 3 hours of Area 5A

Junior Block courses

Bachelor of Science in Education (BSE) 2023-24 AY**Secondary Math (9-12)****Major Code ES15****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		29
Area 1A	Social & Behavioral Sciences (PSY 100 3 HRS)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab (PHYS 10 or 270, or CHEM 140/141)	0
Area 4	Mathematics (MATH 120)	0
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		16-17
EDUC 100	Introduction to Teacher Education I	3
MATH 310	Elementary Statistics	3
MATH 421	Intro to Advanced Calculus	3
PSY 100	General Psychology*	3
Choose One		4-5
CHEM 140/141	General Chemistry I w/lab (5)	
PHYS 160	Elementary College Physics (4)	
PHYS 270	General Physics (4)	
Professional Education (3.0 GPA/C or better)		34
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 339	Teaching Mathematics in Middle & Sec School	3
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
PSY 310	Educational Psychology	3
EDUC 435	Equity, Diversity, and Inclusion	3
Content Knowledge (3.0 GPA/C or better)		40
CIS 110	Programming I	3
CIS 210	Programming II	3
MATH 150	Calculus and Analytical Geometry I*	5
MATH 250	Calculus and Analytical Geometry II	4
MATH 260	Calculus and Analytical Geometry III	4
MATH 300	Fundamentals of Math Thought	3
MATH 332	Geometry	3
MATH 340	Discrete Mathematics	3
MATH 342	Abstract Algebra	3
MATH 350 or MATH 371 or MATH 452		3
MATH 351	Linear Algebra	3
MATH 361	Probability and Statistics I	3

Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 452	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours		130-131

*Gen. Ed. Core 42 Requirements: Area 1A 3hrs met by PSY 100, Area 3B met by PHYS 270, Area 4 met by MATH 150, Area 5C met by EDUC 280 (3 hrs)

ENG 250 recommended for 3 hours of Area 5A

Junior Block courses

Must include at 39 upper division (300-400) hrs

Bachelor of Music Education (BME)**Music Instrumental (K-12) 2023-24 AY****Major Code ES25****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (PSY 100 3 HRS)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (TH 220 recommended)	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (ENG 250 recommended)	6
Area 5B	Fine Arts (MUS 106)	0
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		17
EDUC 100	Introduction to Teacher Education	3
PSY 100	General Psychology	3
MUS 111	Music Theory I: Musicianship & Aural Skills	3
MUS 112	Music Theory II: Adv. Musicianship & Aural Skills	3
MUS 191	Marching Band (1 cr hr 2 semesters)	1
MUS 192	Concert Band (1 cr hr 2 semesters)	2
PERF 240 & 340 Seminar: Perf. & Recital Attendance**		0
MUS 391	Marching Band (1 cr hr 2 semesters)	1
MUS 451	Senior Recital	1
Professional Education (3.0 GPA/C or better)		25
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 432	Critical Issues	2
PSY 310	Educational Psychology	3
Choose One Course		3
EDUC 380	Theories of Teaching English as a 2nd Language	
EDUC 435	Equity, Diversity, and Inclusion ...	
EDUC 480	Instructional Techniques for Teaching ELL	

Content Knowledge (3.0 GPA/C or better)		61
MUS 106	World Music	3
MUS 116 or 136 or 146 or 156	Applied Performance (2 cr hrs for 4 semesters)	8
MUS 316 or 326 or 336 or 346 or 356	Adv Applied Performance (2 cr hrs for 2 sem.)	4
MUS 126	Applied Performance: Keyboard	3
MUS 130	Vocal Technique and Pedagogy	2
MUS 181	Choral Conducting: Technique & Literature	2
MUS 182	Instrumental Conducting: Technique & Literature	2
MUS 191	Marching Band (1 cr hr 2 semesters)	1
MUS 211	Music Theory III: Harmony & Form	3
MUS 212	Music Theory IV: Adv. Harmony & Arranging	3
MUS 220	Italian and German Diction	2
MUS 221	French and English Diction	2
MUS 231	Guitar/String Technique, Pedagogy, & Repertoire	2
MUS 234	Woodwind Technique, Pedagogy, & Repertoire	2
MUS 235	Brass & Percussion Technique, Pedagogy, & Repertoire	2
MUS 311	History of Music & Literature I	3
MUS 312	History of Music & Literature II	3
MUS 333	Pre K-MS General Music Methods	3
MUS 391	Marching Band (1 cr hr 2 semesters)	1
MUS 392	Concert Band	1
MUS 400	Secondary Music Methods	3
MUS 413	Instrumental Ensemble Pedagogy	2
MUS 423	Instrumental Literature	2
MUS 433	Arranging for Voices and Instruments	2
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 464	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	147

*Gen. Ed. Core 42 Requirements: Area 1A 3hrs met by PSY 100, Area 5B Satisfied by MUS 106 (3 hrs), Area 5C satisfied by EDUC 280 (3 hrs)

** PERF 240 & 340 take all semesters enrolled except student teaching semester

ENG 250 recommended for Area 5A 3 of 6 required hours, MATH 125 recommended for Area 4, 3 hours

Junior Block courses

Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach.

1. Performing Arts Majors are required to take the following Gen Ed courses for their degree:
 - a. GE2B: TH 0220 Professional Interaction
 - b. GE5B: MUS 0101 Jazz Styles, or MUS 0106 World Music, or TH 0116 History of Musical Theatre
2. Performing Arts Majors must enroll in the following (depending on year of study and necessity of credit for GPA) they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
 - a. PERF 0240 Performance Hour and Concert Attendance 0credits
 - b. PERF 0241 Performance Hour and Concert Attendance 1credits
 - c. PERF 0340 Performance Hour and Concert Attendance 0credits
 - d. PERF 0341 Performance Hour and Concert Attendance 1credits
3. Performing Arts Majors must enroll in applied lessons and a major ensemble (for Theatre majors, the ensemble is the Production, whereas Concert Chorale, Concert Band, Marching Band, and Wind Ensemble serve as the ensembles for Music majors) every semester they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
4. Performing Arts Majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.
5. Performing Arts Majors must complete and pass a performance jury evaluation every semester they take applied lessons, with the exception being the semester they do their capstone performance.
6. Performing Arts Majors must enroll in the following 0-credit studio courses (depending on year of study) every semester they take applied lessons.
 - a. PERF 0242 Applied Studio Class
 - b. PERF 0442 Advanced Applied Studio Class
7. Performing Arts Majors who are in the BME (education) and BM (performance) programs must pass a piano proficiency before they are awarded their degrees and must enroll in applied keyboard lessons until it is passed. BME students must pass the proficiency before they are allowed to student teach.
8. Performing Arts Majors must pass the Sophomore Barrier at the end of their sophomore year. BA majors are exempt from this requirement.
9. Performing Arts graduates must have at least 39 upper division (300-400) credit hours.

Bachelor of Music Education (BME)**Music Vocal (K-12) 2023-24 AY****Major Code ES24****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences (PSY 100 3 of 6 hrs)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (TH 220 recommended)	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (ENG 250 recommended)	6
Area 5B	Fine Arts (MUS 106)	0
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		11
EDUC 100	Introduction to Teacher Education	3
PSY 100	General Psychology	3
MUS 121	Concert Chorale	2
PERF 240 & 340 Seminar Perf & Recital Attendance**		0
MUS 321	Concert Chorale	2
MUS 451	Senior Recital	1
Professional Education (3.0 GPA/C or better)		25
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3

Content Knowledge (3.0 GPA/C or better)		67
Mus 106	World Music	3
MUS 111	Music Theory I: Musicianship & Aural Skills	3
MUS 112	Music Theory II: Adv. Musicianship & Aural Skills	3
MUS 121	Concert Chorale (1 cr hr, take 4 semesters)	2
MUS 126	Applied Performance: Keyboard	3
MUS 130	Vocal Technique & Pedagogy	2
MUS 166	Applied Performance: Voice	8
MUS 181	Choral Conducting: Technique & Literature	2
MUS 182	Instrumental Conducting: Technique & Literature	2
MUS 211	Music Theory III: Harmony & Form	3
MUS 212	Music Theory IV: Adv. Harmony & Arranging	3
MUS 220	Italian & German Vocal Diction	2
MUS 221	French and English Diction	2
MUS 231	Guitar/String Technique, Pedagogy, & Repertoire	2
MUS 234	Woodwind Technique, Pedagogy, & Repertoire	2
MUS 235	Brass & Percussion Technique, Pedagogy & Rep.	2
MUS 311	History of Music I	3
MUS 312	History of Music II	3
MUS 320	Vocal Repertoire	2
MUS 321	Concert Chorale	1
MUS 333	Pre K-MS General Music Methods	3
MUS 366	Advanced Applied Performance: Voice***	4
MUS 400	Secondary Music Methods	3
MUS 408	Choral Ensemble Pedagogy	2
MUS 433	Arranging for Voices and Instruments	2
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 464	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	147

*Gen. Ed. Core 42 Requirements: Area 1A 3hrs met by PSY 100, Area 5B Satisfied by MUS 106 (3 hrs), Area 5C satisfied by EDUC 280 (3 hrs)

ENG 250 recommended for Area 5A 3 of 6 required hours, MATH 125 recommended for Area 4, 3 hours

Junior Block courses

** PERF 240/340 take all semesters enrolled ext student teaching semester)

*** MUS 366 take 2 credit hours for 2 semesters

Music Majors (BM, BME, BM-MT, and BA) must enroll in applied lessons and a major ensemble every semester they take classes. BME students don't have to take applied lessons or a major ensemble in the semester they student teach.

1. Performing Arts Majors are required to take the following Gen Ed courses for their degree:
 - a. GE2B: TH 0220 Professional Interaction
 - b. GE5B: MUS 0101 Jazz Styles, or MUS 0106 World Music, or TH 0116 History of Musical Theatre
2. Performing Arts Majors must enroll in the following (depending on year of study and necessity of credit for)
 - a. PERF 0240 Performance Hour and Concert Attendance 0credits
 - b. PERF 0241 Performance Hour and Concert Attendance 1credits
 - c. PERF 0340 Performance Hour and Concert Attendance 0credits
 - d. PERF 0341 Performance Hour and Concert Attendance 1credits
3. Performing Arts Majors must enroll in applied lessons and a major ensemble (for Theatre majors, the ensemble is the Production, whereas Concert Chorale, Concert Band, Marching Band, and Wind Ensemble serve as the ensembles for Music majors) every semester they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
4. Performing Arts Majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.
5. Performing Arts Majors must complete and pass a performance jury evaluation every semester they take applied lessons, with the exception being the semester they do their capstone performance.
6. Performing Arts Majors must enroll in the following 0-credit studio courses (depending on year of study) every semester they take applied lessons.
 - a. PERF 0242 Applied Studio Class
 - b. PERF 0442 Advanced Applied Studio Class
7. Performing Arts Majors who are in the BME (education) and BM (performance) programs must pass a piano proficiency before they are awarded their degrees and must enroll in applied keyboard lessons until it is passed. BME students must pass the proficiency before they are allowed to student teach.
8. Performing Arts Majors must pass the Sophomore Barrier at the end of their sophomore year. BA majors are exempt from this requirement.
9. Performing Arts graduates must have at least 39 upper division (300-400) credit hours.

Bachelor of Science in Education (BSE) 2023-24 AY**Physical Education (K-12)****Major Code ES06****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		30
Area 1A	Social & Behavioral Sciences (PSY 100 3 hrs)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab (BIO 180 4 hrs)	0
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness (KINE 103)	0
UE 100	University Experience**	1
Supporting Requirements (C or better)		6
EDUC 100	Introduction to Teacher Education	3
PSY 100	General Psychology	3
Professional Education (3.0 GPA/C or better)		22
EDUC 280	Education in a Global Society*	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		52
BIO 180	Essential Anatomy & Physiology*	4
KINE 103	Lifetime Wellness	2
KINE 116	Intro to Kinesiology & Assessment	3
KINE 135	History & Philosophy of Physical Education	3
KINE 220	First Aid and Sport Safety	2
KINE 251	Lifetime Activities	3
KINE 252	Team & Individual Sports Instruction	3
KINE 310	Theory & Technique of Elem Phys Educ I	3
KINE 321	Theory & Technique of Secondary Phys Ed	3
KINE 332	Theory & Technique of Movement & Rhythms	3
KINE 340	Motor Learning in Physical Education	3
KINE 342	Biomechanical Analysis of Movement	3
KINE 345	Tests & Measures in Physical Education	2
KINE 367	Socio-Psychological Aspects of Phys Ed	3
KINE 375	Adapted Physical Education	3
KINE 385	Nutrition for Human Development	3
KINE 431	Physiology of Exercise	3
KINE 450	Prevention & Care of Athletic Injuries	3
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 464	Student Teaching	10
Testing		Passing Score of 220
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	121

*Gen. Ed. Core 42 Requirements: Area 1A 3hrs met by PSY 100, Area 3B Satisfied by BIO 180 (4 hrs), Area 5C satisfied by EDUC 280 (3 hrs), Area 5D met by KINE 113

ENG 250 recommended for Area 5A 3 of 6 required hours, MATH 125 recommended for Area 4, 3 hours

Junior Block courses

Bachelor of Science in Education (BSE) 2023-24 AY**Science (5-9)****Major Code EM23****CIP Code: 131203****Cr Hrs**

General Education CORE 42 Requirements 42*		29
Area 1A	Social & Behavioral Sciences (PSY 100 3 HRS)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 108 or CHEM 121 3 hrs)	0
Area 3B	Natural science With Lab (PHYS 121 4 hrs)	0
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		21
EDUC 100	Introduction to Teacher Education I	3
EDUC or approved content electives		15
PSY 100	General Psychology*	3
Professional Education (3.0 GPA/C or better)		36
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 333	Teaching Science in Middle & Sec School	3
EDUC 412	Mid School & Jr High Organization & Curriculum	2
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		23
BIO 108	Principles of Biology I*	3
BIO 109	Principles of Biology I Lab	1
BIO 111	Principles of Biology II	4
BIO 312	Environmental Biology OR EH 107	3
CHEM 121	Chemistry for Allied Health Sciences	3
CHEM 122	Chemistry for Allied Health Sciences Lab	1
GEOL 211	Fundamentals of Earth & Space Science	4
PHYS 121	Fund of Physical Science w/lab *	4
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 452	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A 3hrs met by PSY 100, Area 4 met by MATH 120, Area 5C met by EDUC 280 (3 hrs)

MATH 125 recommended for Area 4, ENG 250 recommended for 3 hours of Area 5A

Junior Block courses

Bachelor of Science in Education (BSE) 2023-24 AY**Social Studies (5-9)****Major Code EM24****CIP Code: 131203****Cr Hrs**

General Education CORE 42 Requirements 42*		24
Area 1A	Social & Behavioral Sciences (PSY 100 & ECON 101	0
Area 1B	Civic Engagement (PSC 120 or HIST 110 or 120)	0
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural Science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (HIST 130 and 140)	0
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		22
EDUC 100	Introduction to Teacher Education I	3
EDUC or approved content electives		16
PSY 100	General Psychology*	3
Professional Education (3.0 GPA/C or better)		36
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 334	Teaching Social Studies in Middle & High School	3
EDUC 412	Mid School & Jr High Organization & Curriculum	2
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		27
ECON 101	Economics of Social Issues*	3
ECON 201	Principles of Economics (Macro)	3
OR		
ECON 202	Principles of Economics (Micro)	
GEOG 111	World Regional Geography	3
HIST 110	US History 1492-1877	3
HIST 120	US History 1877-present*	3
HIST 130	Western Civilization to 1660	3
HIST 140	Western Civilization since 1660	3
HIST 160	History of Latin America	3
PSC 120	American Government	3
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 452	Student Teaching	10
Testing Passing Score of 220		
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A met by ECON 101 and PSY 100 (6hrs), Area 1B met by PSC 120 or HIST 110 or 120, Area5A met by HIST 130 and 140 (6 hrs), Area 5C met by EDUC 280 (3 hrs)

MATH 125 recommended for Area 4, GEOG 120 recommended for Area 3A 3 hrs

Junior Block courses

Bachelor of Science in Education (BSE) 2023-24 AY**Social Science Option 1****Major Code ES26****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		21
Area 1A	Social & Behavioral Sciences (PSY 100 & ECON 201/202	0
Area 1B	Civic Engagement (PSC 120 or HIST 110 or 120)	0
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (met by GEOG 120 or 121	
Area 3B	Natural Science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (HIST 130 and 140)	0
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		9
EDUC 100	Introduction to Teacher Education I	3
HIST 201	Introduction to Historical Research	3
PSY 100	General Psychology*	3
Professional Education (3.0 GPA/C or better)		34
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 334	Teaching Social Studies in Middle & High School	3
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		51-52
ECON 201	Principles of Economics (Macro)	3
OR		
ECON 202	Principles of Economics (Micro)	
GEOG 111	World Regional Geography	3
GEOG 120	Introduction to Physical Geography (3)	3-4
OR		
GEOG 121	Introduction to Physical Geography/Lab (4)	
HIST 110	US History 1492-1877	3
HIST 120	US History 1877-present*	3
HIST 130	Western Civilization to 1660	3
HIST 140	Western Civilization since 1660	3
HIST 160	History of Latin America	3
HIST 180	Modern Global History: 1450-Present	3
HIST	Elective Upper Division European	3
HIST	Elective Upper Division Latin America	3
HIST	Elective Upper Division US	6
PSC 120	American Government	3
PSC	Elective Upper Division@	3
SOC 110	Introduction to Sociology*	3
SOC or ANTH	Elective Behavioral Science	3

Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 462	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	126

*Gen. Ed. Core 42 Requirements: Area 1A met by ECON 201 or 202 and PSY 100 or SOC 110 (6hrs), Area 1B met by PSC 120 or HIST 110 or 120, Area 3 3 or 4 hours met by GEOG 120 or 121, Area 5A met by HIST 130 and 140 (6 hrs), Area 5C met by EDUC 280 (3 hrs)

MATH 125 recommended for Area 4

Junior Block courses

@ options for PSC upper division 3 hours

PSC 301	Political Parties & Elections
PSC 312	Legislative Process
PSC 321	International Relations
PSC 352	Intro to Comparative Politics
PSC 411	Great Political Thinkers
PSC 412	Contemporary Political Thought
PSC 423	Globalization and Development
PSC 431	Constitutional Law I
PSC 432	Constitutional Law II
PSC 434	American Foreign Policy

Bachelor of Science in Education (BSE) 2023-24 AY**Social Science Option 2****Major Code ES27****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		21
Area 1A	Social & Behavioral Sciences (PSY 100 & ECON 201/202)	0
Area 1B	Civic Engagement (PSC 120 or HIST 110 or 120)	0
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (GEOG 120)	
Area 3B	Natural Science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (HIST 130 and 140)	0
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		6
EDUC 100	Introduction to Teacher Education I	3
PSY 100	General Psychology*	3
Professional Education (3.0 GPA/C or better)		34
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 334	Teaching Social Studies in Middle & High School	3
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3

Content Knowledge (3.0 GPA/C or better)		54-55
ECON 201	Principles of Economics (Macro)	3
OR		
ECON 202	Principles of Economics (Micro)	
GEOG 111	World Regional Geography	3
GEOG 120	Introduction to Physical Geography (3)	3-4
OR		
GEOG 121	Introduction to Physical Geography/Lab (4)	
GEOG	Elective Upper Division@	3
HIST 110	US History 1492-1877	3
HIST 120	US History 1877-present*	3
HIST 130	Western Civilization to 1660	3
HIST 140	Western Civilization since 1660	3
HIST 303	Contemporary World Civilizations	3
HIST	Elective Upper Division US	6
PSC 120	American Government	3
PSC 201	Introduction to Political Science	3
PSC 411	Great Political Thinkers	3
PSC	Elective Upper Division#	3
PSC	Elective Upper Division\$	3
SOC 110	Introduction to Sociology*	3
SOC or ANTH	Elective Behavioral Science	3
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 462	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	126

*Gen. Ed. Core 42 Requirements: Area 1A met by ECON 101 and PSY 100 or SOC 110 (6hrs), Area 1B met by PSC 120 or HIST 110 or 120, Area 5A met by HIST 130 and 140 (6 hrs), Area 5C met by EDUC 280 (3 hrs)

MATH 125 recommended for Area 4

Junior Block courses

@ GEOG electives

GEOG 302 Environment & Society
 GEOG 310 Human Geography
 GEOG 422 Geography of the United States

#PSC electives

PSC 301 Political Parties & Elections
 PSC 312 Legislative Process
 PSC 431 Constitutional Law I: Power & Structures of Government
 PSC 432 Constitutional Law II: Civil Rights & Civil Liberties

\$PSC electives

PSC 321 International Relations
 PSC 352 Introduction to Comparative Politics
 PSC 423 Globalization and Development
 PSC 434 American Foreign Policy

Bachelor of Science in Education (BSE) 2023-24 AY**Spanish (K-12)****Major Code ES20****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		30
Area 1A	Social & Behavioral Sciences (PSY 100 3 HRS)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (SPAN 101 & 102)	0
Area 5B	Fine Arts	3
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		18
EDUC 100	Introduction to Teacher Education I	3
SPAN or EDUC approved electives		9
SPAN 399 Study Abroad or SPAN 491 Internship		3
PSY 100	General Psychology*	3
Professional Education (3.0 GPA/C or better)		28
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 345	Teaching Foreign Language in PK-12	3
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		33
SPAN 101	Beginning Spanish I	3
SPAN 102	Beginning Spanish II	3
SPAN 203	Intermediate Spanish I	3
SPAN 204	Intermediate Spanish II	3
SPAN 300	Grammar and Composition	3
SPAN	Electives	18
Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 464	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A 3hrs met by PSY 100, Area 5A satisfied by SPAN 101 & 102, Area 5C satisfied by EDUC 280 (3 hrs)

MATH 125 recommended for Area 4, 3 hours

Junior Block courses

Bachelor of Science in Education (BSE) 2023-24 AY**Speech & Theatre (9-12)****Major Code ES21****CIP Code: 131205****Cr Hrs**

General Education CORE 42 Requirements 42*		30
Area 1A	Social & Behavioral Sciences (3 of 6 hrs met by PSY 100)	3
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (COMM 101)	0
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural Science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts (TH 110 or TH 116)	0
Area 5C	Global Competencies(EDUC 280)	0
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Supporting Requirements (C or better)		7
EDUC 100	Introduction to Teacher Education I	3
PSY 100	General Psychology*	3
TH489	Senior Project	1
Professional Education (3.0 GPA/C or better)		33
EDUC 280	Education in a Global Society*	3
EDUC 302	Exceptional Child	3
EDUC 321	Microteaching#	1
EDUC 329	Pedagogical Theory, Methods & Practices#	4
EDUC 344	Teaching Speech/Theatre in Middle & High School	2
EDUC 422	Content Area Literacy I:Sec/Mid School	3
EDUC 423	Classroom Management#	3
EDUC 424	Content Area Literacy II: Sec/Mid School	3
EDUC 429	Assessment of Student Learning	3
EDUC 432	Critical Issues	2
EDUC 435	Equity, Diversity, and Inclusion ...	3
PSY 310	Educational Psychology	3
Content Knowledge (3.0 GPA/C or better)		39
COMM 101	Intro to Human Communication*	3
COMM 215	Interpersonal Communication	3
COMM 304	Small Group Communication	3
COMM 315	Argument & Debate or COMM 303 Adv. Public Speaking	3
TH 105 or 305	Applied Performance Acting	2
TH 110	Theatre Appreciation or TH 116 History of Musical Theatre	3
TH 220	Professional Interaction	3
TH 351	Stage Directing or TH 311 Stage Management	2
TH 320 or 382 or 410 or 441		6
PERF/TH	Electives Approved by Advisor	11
PERF 240 & 340	Seminar: Performance & Recital Attendance (0)	
TH 106	Performance Practicum (1)	
TH 232 or 233	Makeup or Costume Technology (2)	
TH 305	Advanced Applied Performance: Acting (1)	
TH 306	Advanced Performance Practicum (1)	
TH 331	Theatre History and Literature I (3)	
TH 332	Theatre History and Literature I (3)	

Field & Clinical Experience (3.0 GPA/C or better)		10
EDUC 462	Student Teaching	10
Testing	Passing Score of 220	
MoCA	Missouri Content Assessment	
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 1A met by PSY 100 (3 of 6 hrs), Area 2B met by COMM 101 (3 hrs), Area 5B met by TH 110 (3 hrs), Area 5C met by EDUC 280 (3 hrs)

MATH 125 recommended for Area 4

Junior Block courses

Bachelor of Arts 2022-23 AY**Theatre****Major Code TH00****CIP Code: 500501****Cr Hrs**

General Education CORE 42 Requirements 42*		33
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities (language for 3 hrs)	3
Area 5B	Fine Arts (TH 110)	0
Area 5C	Global Competencies (language)	0
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Modern Language (courses in same prefix)		10-12
Theatre Requirements		51
TH 0110	Theatre Appreciation*	3
TH 0121,0122,0221,0222,0321 or 0322 Theatre Laboratory(Select two)		4
TH 0142	Theatre Technology	3
TH 0231	Speech for Stage I	3
TH 0232	Costume Technology	3
TH 0233	Stage Makeup	3
TH 0234	Introduction to Theatrical Design	3
TH 0241	Acting I	3
TH 0331	History of Theatre I	3
TH 0332	History of Theatre II	3
TH 0341	Acting II***	3
TH 0351	Directing I***	3
TH 0362	Stage Costume Design***	3
TH 0320	Stage Lighting***	3
OR		
TH 0361	History of Costume (3)	
OR		
TH 0372	Directing II*** (3)	
TH 0422	Acting III*** (3)	3
OR		
TH 0431	Creative Dramatics (3)	
OR		
TH 0311	Stage Management (3)	
TH 0441	Stage Design***	3
TH 0489	Senior Project I	1
TH 0490	Senior Project II	1
Electives		23-25
Total Hours	Must include at 39 upper division (300-400) hrs	120

*Gen. Ed. Core 42 Requirements: Area 5B 3 hrs met with TH 110, 6 hours modern language can satisfy Area 5A or 3 hrs to Area 5A and 3 hrs to Area 5C.

***See prerequisites

Bachelor of Fine Arts**Theatre Performance 2021-22 AY****Major Code TH07****CIP Code:500501****Cr Hrs**

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication (met by TH 220)	0
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities 6 hrs	6
Area 5B	Fine Arts (met by TH 116)	0
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Core Requirements		67
MUS 0220	Italian & German Vocal Diction	2
MUS 0221	French & English Vocal Diction	2
TH 0105	Applied Performance: Acting repeat to total 8	8
TH 0106	Production Practicum (repeat total 5 cr hrs)	5
TH 0116	History of Mucial Theatre (Gen Ed area 5B)	3
TH 0220	Professional Interaction (Gen Ed area 2B)	3
TH 0232	Costume Technology	2
TH 0233	Stage Makeup	2
TH 0305	Advanced Production Practicum (repeat total 8 cr hrs)	8
TH 0306	Advanced Production Practicum to total 8	8
TH 0311	Stage Management	2
TH 0320	Lighting Design	3
TH 0331	Theatre History & Literature I	3
TH 0332	Theatre History & Literature II	3
TH 0351	Stage Directing	2
TH 0382	Sound Design	3
TH 0389	Junior Project	1
TH 0410	Dramaturgy	3
TH 0441	Stage Design	3
TH 0489	Senior Project	1
TH Electives		0
Theatre Performance Requirements		8
TH 0215	Theatrical Dance: Ballet	2
TH 0216	Theatrical Dance: Jazz	2
TH 0217	Theatrical Dance: Tap	2
TH 0218	Theatrical Dance: Musical Theatre	2
Performing Arts Requirements		8
PERF 0240	Seminar: Performance & Recital Attendance	0
PERF 0340	Seminar: Performance & Recital Attendance	0
PERF 0402	Mental Skills Training for Performing Artists	2
PERF 0442	Business for Performing Artist	2
PERF 0460	Principles of Arts Management & Administration	2
PERF 0465	Marketing Performing Arts, Culture & Entertainment	2
Electives	as needed to total 120 hours	0
Total Hours	Must include a minimum of 39 upper division (300-400) hrs	120

-
1. Performing Arts Majors are required to take the following Gen Ed courses for their degree:
 - a. GE2B: TH 0220 Professional Interaction
 - b. GE5B: MUS 0101 Jazz Styles, or MUS 0106 World Music, or TH 0116 History of Musical Theat
 2. Performing Arts Majors must enroll in the following (depending on year of study and necessity of credit for GPA) they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
 - a. PERF 0240 Performance Hour and Concert Attendance 0credits
 - b. PERF 0241 Performance Hour and Concert Attendance 1credits
 - c. PERF 0340 Performance Hour and Concert Attendance 0credits
 - d. PERF 0341 Performance Hour and Concert Attendance 1credits
 3. Performing Arts Majors must enroll in applied lessons and a major ensemble (for Theatre majors, the ensemble is the Production, whereas Concert Chorale, Concert Band, Marching Band, and Wind Ensemble serve as the ensembles for Music majors) every semester they take classes. BME & BSE (music and theatre education) majors are exempt from this requirement in the semester they student teach. Similarly, BM with Electives in an Outside Field track and BS Music Industry & Theatre Industry majors, wherein the student may have an internship their junior and senior semesters, are also exempt from this requirement in that semester.
 4. Performing Arts Majors must participate in a minimum of 1 production each year, wherein they specifically use their skill as a performer in their major applied area.
 5. Performing Arts Majors must complete and pass a performance jury evaluation every semester they take applied lessons, with the exception being the semester they do their capstone performance.
 6. Performing Arts Majors must enroll in the following 0-credit studio courses (depending on year of study) every semester they take applied lessons.
 - a. PERF 0242 Applied Studio Class
 - b. PERF 0442 Advanced Applied Studio Class
 7. Performing Arts Majors who are in the BME (education) and BM (performance) programs must pass a piano proficiency before they are awarded their degrees and must enroll in applied keyboard lessons until it is passed. BME students must pass the proficiency before they are allowed to student teach.
 8. Performing Arts Majors must pass the Sophomore Barrier at the end of their sophomore year. BA majors are exempt from this requirement.
 9. Performing Arts graduates must have at least 39 upper division (300-400) credit hours.

Bachelor of Science**Theatre Industry 2023-24 AY****CIP Code: 500507****Major Code: TH10****Cr Hrs**

General Education CORE 42 Requirements 42*		36
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication met by TH 220	
Area 3A	Natural Science Non-Lab	3
Area 3B	Natural science With Lab	4
Area 4	Mathematics	3
Area 5A	Humanities	6
Area 5B	Fine Arts met by MUS 101 or 106 or 120 or TH116	
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Core Requirements		27
MUS 101 or MUS 106 or MUS 120 or TH 116		3
MUS 403	Live and Recorded Sound	3
MUS 410	Industry and Copyright	3
MUS or TH 491	Junior Internship	3
MUS or TH 491	Senior Internship	3
TH 220	Professional Interaction (meets GE area 2B)	3
TH 320	Lighting Design	3
TH 382	Sound Design	3
TH 441	Stage Design	3
Theatre Requirements		28
TH 0105	Applied Performance Acting	4
TH 0106	Production Practicum	4
TH 215 or 216 or 217 or 218 Dance: Ballet, Jazz, Tap, or Musical Theatre		6
TH 0305	Advanced Applied Performance Acting	4
TH 0306	Advanced Production Practicum	4
TH 0331	Theatre History and Literature I	3
TH 0332	Theatre History and Literature II	3
Industry Related Requirements		20
ACCT 0201	Principles of Financial Accounting	3
COMM 0200	Audio Production for Media	3
COMM 0201	Video Production	3
COMM 0320	Advanced Video Production	3
ENT 202	Business Opportunities & Innovation	1
ENT 210	Management Process for Entrepreneurs	1
GB 320	Business Communication	3
MRKT 300	Principles of Marketing	3
Performing Arts Requirements		8
PERF 0240	Seminar: Perf. & Recital Attendance	0
PERF 0340	Seminar: Perf. & Recital Attendance	0
PERF 0402	Mental Skills Training for Performing Artists	2
PERF 0442	Business for Performing Artists	2
PERF 0460	Performing Arts Mgmt and Administration	2
PERF 0465	Marketing Arts, Culture and Entertainment	2
Total Hours	Must include a minimum of 39 upper division (300-400) hrs	120

Gen. Ed. Area 2B met by TH 220, Area 5B met by MUS 101, 106, 120 or TH 116.

CERTIFICATES (Undergraduate) 2023-2024

Certificate in Illustration

Art

Cert. Code AR90

CIP: 500701

Cr Hrs

Required Courses		18
ART 210	Beginning Water Media*	3
ART 215	Digital Illustration**	3
ART 240	Introduction to Typography***	3
ART 270	Intermediate Drawing*	3
ART 371	Life Drawing	3
ART 372	Color Theory***	3
ART 480	Illustration Portfolio	0
TOTAL		18

* ART 230 is a prerequisite for ART 210 and ART 270

** ART 140 is a prerequisite for ART 215

*** ART 101 is a prerequisite for ART 240 and ART 372

Certificate in Publication Design

Art

Cert. Code AR91

CIP: 500701

Cr Hrs

Required Courses		13
ART 215	Digital Illustration*	3
ART 240	Introduction to Typography**	3
ART 325	Page Layout	3
ART 360	Publication Design and Layout	3
ART 491 or COMM 220 publication related internship or Chart Practicum		1
ART 481	Publication Design Portfolio	0
TOTAL		13

* ART 140 is a prerequisite for ART 215

** ART 101 is a prerequisite for ART 240

Certificate in Interdisciplinary Photography

Art and Design

Cert. Code AR92

CIP: 500605

Cr Hrs

Required Courses		12
ART 140	Basic Digital Photography and Image Editing	3
CJ 220	Crime Scene Photography	3
COMM 302	Photocommunications I	3
SUAS 101	Intro to Small Unmanned Aircraft Systems...	3
ART 482	Interdisciplinary Photography Portfolio	0
Elective:		3
ART 365	Swedish Photography Seminar (3)	
COMM 402	Photocommunications II (3)	
	Photography related practicum* (3)	
	Photography related internship (3)	
	Photography related special topics course (3)	
TOTAL		15

*Combination of COMM 220 Chart Practicum and COMM 230 Advanced Chart Practicum totaling 3 credit hours working as a photographer.

Certificate in New Media

Art and Design

Cert. Code AR93

CIP: 500102

Cr Hrs

Required Courses		15
ART 216	Intro to Web Design	3
ART 350	Intro to Motion Graphics	3
ART 450	Interaction Design	3
ART 483	New Media Portfolio	0
COMM 201	Video Production	3
COMM 470	New Media Technology	3
Choose one:		3
ART 140	Basic Digital Photography and Image Editing (3)	
COMM 302	Photocommunications I (3)	
Choose one:		3
ART 215	Digital Illustration (3)	
COMM 333	Media Editing and Design (3)	
Choose one:		3
COMM 200	Audio Production for Media (3)	
MUS 403	Intro to Live and Recorded Sound (3)	
TOTAL		24

Certificate in Unmanned Aircraft Systems: Remote Pilot Applications**Certificate Code BI90****CIP: 360207**

Cr Hrs

SUAS 101	Intro to sUAS Operations and Safety	3
SUAS 201	UAS Design, Construction and Applications	3
SUAS 301	The Art, Science and Practice of Prof. UAS Piloting	3
TOTAL (minimum # of credit hours)		9

Certificate in Chemical Laboratory Sciences**Certificate Code CH90****CIP: 410301**

Cr Hrs

Required Courses		10
CHEM 201	Analytical Chemistry*	5
CHEM 301	Organic Chemistry I*	5
Choose one of the following:		2-5
CHEM 427	Instrumental Analysis (5)	
CHEM 497	Research in Chemistry (2)	
TOTAL		12-15

*CHEM 142 is a prerequisite for CHEM 201 and CHEM 301

Professional Communication**Communication****Certificate Code CO90****CIP: 520501**

Cr Hrs

COMM 215	Interpersonal Communication	3
COMM 304	Small Group Communication	3
GB 320	Business Communication	3
MGMT 350	Fundamentals of Organizational Management	3
MGMT 441	Organizational Behavior	3
TOTAL		15

Digital Marketing Communication**Communication****Certificate Code CO91****CIP: 521401**

Cr Hrs

COMM 201	Video Production	3
COMM 455	Writing for Public Relations	3
COMM 470	New Media Technology	3
MRKT 300	Introduction to Marketing	3
MRKT 405	eMarketing	3
TOTAL		15

**Integrated Marketing Communications/Public Relations
Communication**

Certificate Code CO92

CIP: 521401

Cr Hrs

COMM 211	Introduction to Public Relations	3
COMM 355	Case Studies Public Relations	3
MRKT 300	Introduction to Marketing	3
MRKT 401	Integrated Marketing Communication	3
MRKT 432	Consumer Behavior	3
TOTAL		15

**Certificate in Stakeholder Engagement
Communication**

Certificate Code CO93

CIP: 090999

Cr Hrs

Required Courses		12
COMM 211	Introduction to Public Relations	3
COMM 355	Case Studies Public Relations	3
COMM 410	Crisis Communication	3
COMM 455	Writing for Public Relations	3
Choose one from the following:		3
MRKT 432	Consumer Behavior (3)	
PSC 302	Public Opinion (3)	
PSC 321	International Relations (3)	
PSY 341	Social Psychology (3)	
TOTAL		15

GPA of 2.5 or higher for completed courses

**Certificate in App Development
CIS**

Certificate Code: CI90

CIP: 110202

Cr Hrs

Required Courses		
CIS 110	Programming I	3
CIS 210	Programming II	3
CIS 350	Data Structures	3
CIS 385	App Development for Android Devices	3
CIS 395	App Development for iOS Devices	3
TOTAL		15

Certificate in Information Assurance & Security**CIS****Certificate Code: CI92****CIP: 111003****Cr Hrs**

Required Courses		
CIS 325	Windows LAN Administration	3
CIS 355	Enterprise Network Administration & Security	3
CIS 405	Cryptography & .NET Security	3
CIS 440	Computer Forensics I	3
Cis 445	Computer Forensics II	3
TOTAL		15

Certificate in Website Administration**CIS****Certificate Code: CI91****CIP: 111004****Cr Hrs**

Required Courses		
CIS 110	Programming I	3
CIS 210	Programming II	3
CIS 308	Website Administration I	3
CIS 310	Database Management Systems I	3
CIS 340	Website Administration II	3
TOTAL		15

Peace Officer/Law Enforcement**Cert. Code LE81****CIP Code: 430107****Cr Hrs**

CJ 180	Basic Law Enforcement Academy	13
CJ 181	Basic Law Enforcement Academy II	13
Total Hours		26

Certificate in Corrections**Criminal Justice****Cert. Code CJ92****CIP: 430113****Cr Hrs**

Required Courses		15
CJ 100	Introduction to Criminal Justice	3
CJ 320	Probation and Parole	3
CJ 412	Correctional Practices	3
CJ 432	Ethics in Criminal Justice	3
SOC 391	Penology and Corrections	3
TOTAL		15

Certificate in Crime Scene Investigations

Criminal Justice

Cert. Code CJ94

CIP: 430114

Cr Hrs

Required Courses		18
CJ 100	Introduction to Criminal Justice	3
CJ 200	Crime Scene Investigation I	3
CJ 220	Crime Scene Photography	3
CJ 300	Criminal Investigation	3
CJ 340	Crime Scene Investigation II	3
CJ 450	Criminal Evidence	3
TOTAL		18

Certificate in Criminal Investigation

Criminal Justice

Cert. Code CJ91

CIP: 430114

Cr Hrs

Required Courses		15
CJ 300	Criminal Investigation	3
CJ 390	Crime Analysis	3
CJ 400	Homicide Investigation I	3
CJ 405	Homicide Investigation II	3
CJ 455	Interview and Interrogation	3
TOTAL		15

Certificate in Criminal Law

Criminal Justice

Cert. Code CJ95

CIP: 430103

Cr Hrs

Required Courses		15
CJ 100	Introduction to Criminal Justice	3
CJ 210	Criminal Procedure	3
CJ 250	Criminal Law	3
CJ 410	Juvenile Procedures	3
CJ 450	Criminal Evidence	3
TOTAL		15

Certificate in Homeland Security**Criminal Justice****CIP: 430301****Cert. Code CJ96**

Cr Hrs

Required Courses		12
CJ 300	Criminal Investigation	3
CJ 330	Asset Protection	3
CJ 370	International Terrorism	3
Chose one		3
EH 410	HAZWOPER (3)	
OR		
EH 410	Hazardous Incident Management (1)	
AND		
EH 411	Hazardous Material Safety (2)	
Electives (choose one)		3
BIO 370/EH 370/HS 370 Environmental Health & Safety (3)		
CIS 440	Computer Forensics (3)	
COMM 410	Crisis Communications (3)	
GEOG 410	Natural Hazards and Disasters (3)	
CJ 200	Crime Scene Investigations I (3)	
PARA 220	Emergency Medical Technician EMT (9 hrs)	
TOTAL		15

Certificate in Juvenile Justice**Criminal Justice****CIP: 430110****Cert. Code CJ93**

Cr Hrs

Required Courses		18
CJ 100	Introduction to Criminal Justice	3
CJ 275	The Juvenile Justice System	3
CJ 410	Juvenile Procedures	3
CJ 411	Juvenile Corrections	3
CJ 430	Family Violence	3
SOC 312	Juvenile Delinquency	3
TOTAL		18

Certificate in Policing**Criminal Justice****CIP: 430107****Cert. Code CJ90**

Cr Hrs

Required Courses		15
CJ 100	Introduction to Criminal Justice	3
CJ 200	Crime Scene Investigation I	3
CJ 210	Criminal Procedure	3
CJ 225	Patrol Procedures	3
CJ 432	Ethics in Criminal Justice	3
TOTAL		15

Certificate in Conservation Management**Criminal Justice****CIP: 030208****Cert. Code CJ97****Cr Hrs**

Required Courses		8
BIO 302	Conservation Biology	3
CJ 350	Fish and Game Enforcement	3
KINE 220	First Aid and Sport Safety	2
OR		
HS 103	First Aid CPR/AED Training (1) and HS 106	
HS 106	Trauma Life Support (1)	
Choose One		2-3
CJ 260	Firearms I (3)	
KINE 255	Dance and Recreational Pursuits (2)	
KINE 298	Archery and Air Rifle (2)	
BIO/EH/GEOG 304	Intro to Geographic Information Systems (3)	
Choose One		3
BIO 298	Special Topics Flora (3)	
BIO/EH 312	Environmental Biology (3)	
EH 370	Environmental Health & Safety (3)	
Choose One		3
COMM 211	Introduction to Public Relations (3)	
COMM 215	Interpersonal Communication (3)	
COMM 300	Organizational Communication (3)	
COMM 303	Advanced Public Speaking (3)	
COMM 305	Intercultural Communication (3) or HS 305	
TOTAL		16-17

Certificate**Emergency Medical Technician****Cert. Code PA80****CIP Code: 510904****Cr Hrs**

Emergency Medical Technician Certificate Requirements		9
PARA 220	Emergency Medical Technician	9
Total Hours		9

equivalent transfer)

Certificate**Advanced Emergency Medical Technician****Cert. Code: PA82****CIP Code: 510904****Cr Hrs**

Adv. Emergency Medical Technician Certificate Requirements		9
PARA 230	Advanced Emergency Medical Technician	9
Total Hours		9

Certificate**Firefighter****Cert. Code PA 91**

CIP Code: 430203**Cr Hrs**

PARA 220	Emergency Medical Technician	9
FIRE 110	Firefighter I	6
FIRE 120	Firefighter II	6
Total Hours		21

Paramedic**Cert. Code PA81****CIP Code: 510904****Cr Hrs**

Paramedic Certificate Requirements		38
PARA 248	Introduction to Paramedic Skills	2
PARA 251	EMS Foundations	2
PARA 252	EMS Pharmacology	2
PARA 253	PARA 0253 - EMS Pathophysiology	2
PARA 254	Pulmonology	2
PARA 255	Paramedic Skills	3
PARA 256	Pre-Hospital Cardiology	2
PARA 272	Traumatology	4
PARA 273	Emergency Medical Care	3
PARA 275	Advanced Paramedic Skills	3
PARA 292	EMS Operations	1
PARA 293	Special Patient Populations	1
PARA 370	Clinical Practicum	3
PARA 390	Field Internship	3
PARA 391	Capstone Field Internship	4
PARA 395	EMS Seminar	1
Total Hours		38

Certificate in Automation**Engineering Technology****CIP: 150406****Certificate Code: IE88**

Cr Hrs

Required Courses		12
CIS 240	Python Programming	3
MET 210	Industrial Robotics	3
MET 220	Introduction to Programmable Logic Controllers	3
MET 330	Automation Maintenance and Troubleshooting	3
TOTAL		12

Certificate in Continuous Process Improvement**Engineering Technology****CIP: 150612****Certificate code: IE86**

Cr Hrs

Required Courses		9
IET 320	Applied Statistical Quality Control	3
IET 380	Principles of Lean	3
IET 470	Six Sigma Methodology	3
Choose one:		3
IET 315	Probability & Statistics for Engineers (3)	
MATH 310	Elementary Statistics (3)	
GB 321	Business Statistics I (3)	
PSY 320	Applied Statistics for the Behavioral & Natural Sciences (3)	
Choose two:		6
IET 205	Computer Applications & Cost Analysis	3
IET 355	Work Measurement/Ergonomics	3
IET 425	Design of Experiments	3
TOTAL		18

Certificate in Six Sigma Black Belt (Option A)**Engineering Technology****CIP: 150702****Certificate code: SS81**

Cr Hrs

Required Courses		14
IET 320	Applied Statistical Quality Control	3
IET 425	Design of Experiments	3
IET 470	Six Sigma Methodology	3
IET 471	Senior Design	1
IET 499	Ind. Study - Six Sigma Black Belt	4
TOTAL		14

Certificate in Six Sigma Green Belt (Option A)**Engineering Technology****Certificate code: SS80****CIP: 150702****Cr Hrs**

Required Courses		9
IET 320	Applied Statistical Quality Control	3
IET 470	Six Sigma Methodology	3
IET 471	Senior Design	1
IET 499	Ind. Study - Six Sigma Green Belt	2
TOTAL		9

Certificate in Creative Writing**English****Certificate Code: EN90****CIP: 231302****Cr Hrs**

Required Courses		12
ENG 216	Creative Writing	3
ENG 315	Advanced Essay Writing	3
ENG 316	Creative Writing: Poetry	3
ENG 317	Creative Writing: Fiction	3
TOTAL		12

Certificate in Professional Writing**English****Certificate Code: EN91****CIP: 231303****Cr Hrs**

Required Courses		12
ENG 310	Professional Writing	3
ENG 312	Advanced Professional Writing	3
ENG 313	Technical Writing	3
ENG 315	Advanced Essay	3
TOTAL		12

Certificate in Linguistics**English/Mod Lang/Social Science****Certificate Code: ML90****CIP: 160102****Cr Hrs**

Required Courses		12
ANTH 385	Language and Culture	3
ENG 301	Introduction to Linguistics	3
ENG 400	History of the English Language	3
Any Modern Language course offering		3
TOTAL		12

Certificate in Environmental Health & Safety General Awareness

Environmental Health & Safety**Certificate Code: EH84****CIP: 512202**

Cr Hrs

EH 370	Environmental Health & Safety	3
Environmental Health Electives*		12
TOTAL		15

*any EH courses except: EH 101, EH 379, EH 491 and EH 499

Students are required to earn a grade of 'C' or better in all EH prefix courses.

Certificate in Environmental Occupational Health & Safety**Environmental Health & Safety****Certificate Code: EH87****CIP: 512202****Cr Hrs**

EH 374	Industrial Hygiene	3
EH 378	Occupational Health and Safety	3
EH 411	Hazardous Material Safety	2
EH 481	Environmental Risk & Safety Management	3
Chose one:		3
EH 211	HAZWOPER (3)	
EH 373	Solid & Hazardous Waste Management (3)	
TOTAL		14

Students are required to earn a grade of 'C' or better in all EH prefix courses.

Certificate in Environmental Protection**Environmental Health & Safety****Certificate Code: EH85****CIP: 512202****Cr Hrs**

EH 312	Environmental Biology	3
EH 371	Environmental Toxicology	3
EH 372	Environmental Regulation	3
EH 376	Water Quality Management	3
TOTAL		12

Students are required to earn a grade of 'C' or better in all EH prefix courses.

Certificate in Environmental Public Health**Environmental Health & Safety****Certificate Code: EH86****CIP: 512202****Cr Hrs**

EH 311	Soils for Environmental Health & Safety	2
EH 375	Disease Vector Control	1
EH 377	Food Safety	3
EH 380	Epidemiology	3
EH 382	Epidemiological Statistics	1
EH 410	Hazardous Incident Management	2
TOTAL		12

Students are required to earn a grade of 'C' or better in all EH prefix courses.

Certificate in Hazardous Material Management**Environmental Health & Safety****Certificate Code: EH88****CIP: 150508****Cr Hrs**

EH 211	HAZWOPER	3
EH 373	Solid and Hazardous Waste Management	3
EH 410	Hazardous Incident Management	2
EH 411	Hazardous Material Safety	2
TOTAL		10

Students are required to earn a grade of 'C' or better in all EH prefix courses.

Certificate in Healthcare Business
Healthcare Administration & Management
CIP: 510701

Certificate Code: HA90

Cr Hrs

Required Courses		9
HS 101	Intro to Health Professions	1
HS 111	Medical Terminology	3
HS 310	The Patient Experience	2
HS 360	Health Policy	3
Choose one:		3
HS 355	Healthcare Quality/Patient Safety (3)	
HS 365	Health Communication (also COMM 365) (3)	
Choose one:		2
HS 315	Mgd Care/Population Health (2)	
HS 422	Healthcare Info Management (2)	
TOTAL		14

Certificate in Latin American Studies

History

Cert. Code HI90

CIP: 540101

Cr Hrs

Required Courses		6
HIST 160	History of Latin America	3
SPAN 204	Intermediate Spanish II	3
HIST 493	History Certificate Exit Exam	0
Upper Division History Choose One		3
HIST 342	Latin American Revolutions (3)	
HIST 474	Colonial Latin America (3)	
HIST 475	Modern Latin America (3)	
HIST 476	Latin American History Seminar (3)	
Upper Division Spanish Choose One		3
SPAN 307	Introduction to Latin American Civilization (3)	
SPAN 336	Survey of Spanish American Literature (3)	
ANTH 370	Globalization & Native People (3) or INTS 370	
TOTAL		15

Certificate in Public/Applied History**History****Cert. Code HI91****CIP: 540105**

Cr Hrs

Required Courses		6
HIST 202	Introduction to Public History	3
HIST 491	Internship in History (1-8 hrs)	3
Choose One		3
HIST 480	Public Perceptions of the Past (3)	
HIST 483	Archival Collections & Methods (3)	
HIST 48*	Any HIST course that begins with 048_ (3)	
Elective Options Choose Two		6
ART 320	Introduction to Gallery Studies (3)	
ENG 310	Professional Writing (3)	
GEOG 304	Introduction to Geographic Information Systems (3)	
TH 363	Costume History II (3)	
TOTAL		15

Certificate in European Studies

History

Certificate Code HI92

CIP: 540103

Cr Hrs

Required Courses		9
HIST 140	Western Civilizations since 1500	3
Choose Two		6
HIST 369	Nineteenth Century Europe (3)	
HIST 370	Twentieth Century Europe (3)	
HIST 371	The Holocaust (3)	
HIST 430	Seminar in Modern European History (3)	
HIST 435	The Era of French Revolution & Napoleon (3)	
HIST 440	European Intellectual History (3)	
Elective Options Choose One (Politics)		3
PSC 365	Model European Union (3)	
INTS 308	Model UN (3)	
ART 303	Art History, 19th Century (3)	
ART 304	Art History, 20th Century (3)	
SPAN 306	Introduction to Spanish Civilizations (3)	
Elective Options Choose One (Culture)		3
ART 251	Art History, Pre-Historic Through Gothic (3)	
ART 252	Art History, Renaissance Through 19th Century (3)	
ENG 271	British Literature I (3)	
ENG 272	British Literature II (3)	
ENG 371	Studies in British Literature (3)	
ENG 400	History of the English Language (3)	
ENG 450	Shakespeare (3)	
FREN 300	Advanced French (3)	
FREN 327	French Cinema Studies (3)	
FREN 406	Topics in French Literature Pre-1700 (3)	
FREN 409	French Literature (3)	
FREN 429	French Culture (3)	
IB 390	Doing Business in Europe (3)	
SPAN 326	Peninsular Literature from El Cid to Present (3)	
TOTAL		15

Study abroad may substitute 3-6 hours of certificate electives, pending approval

Certificate in Honors Interdisciplinary Studies

Honors

Certificate Code: HN90

CIP: 300000

Cr Hrs

HNRS 101	Honors Forum	2
HNRS 201	Service Learning (1-4)	2
HNRS 298	Special Topics (1-3)	3
HNRS 400	Research Seminar	3
HNRS 490	Honors Thesis	1
HNRS 495	Honors Seminar	3
	Honors section of a Humanities class	3
	Study Abroad	1-3
TOTAL		18/-20

Certificate:Global Citizenship

IPA/Social Science

Certificate Code: IP90

CIP: 302001

Cr Hrs

Choose one:		3
INTS 201	Introduction to International Studies (3)	
PSC 201	Introduction to Political Science (3)	
Modern Languages course		3
Study abroad course		3
Electives choose two;		4-6
COMM 305	Intercultural Communication or HS 305 (3)	
GEOG 310	Human Geography (3)	
INTS 301	World Humanities (3)	
INTS 302	Environment and Society or GEOG 302 (3)	
INTS 303	Contemporary World Civilizations (3)	
INTS 306	Introduction to Global Health (3)	
INTS 308	Model United Nations (3)	
INTS 310	Food, Culture, and Society (3)	
INTS 320	Teaching English Abroad I (3)	
INTS 382	Geography of Europe or GEOG 382 (3)	
PHIL 320	Comparative Religion (3)	
PSC 321	International Relations (3)	
PSC 365	Model European Union (1)	
INTS 0493	Global Citizenship Certificate Exit Exam	0
TOTAL		13-15

Certificate: Teaching English as a Foreign Language**International Studies****Minor Code IS90****CIP: 131401**

Cr Hrs

Required Course		12
INTS 320	Teaching English Abroad I	3
INTS 321	Teaching English Abroad II	3
INTS 322	Teach English Abroad Practicum	3
AND		
EDUC 380	Second Language Acquisition	3
OR		
EDUC 385	Assessment Strategies for English Language Learners (3)	
OR		
ENG 301	Introduction to English Linguistics (3)	
TOTAL		12

Certificate in Coaching**Kinesiology****Certificate Code KI90****CIP: 131304**

Cr Hrs

Required Courses		22
KINE 150	Rules and Officiating of Team Sports	3
KINE 220	First Aid and Sport Safety	2
KINE 252	Team & Ind. Sports Instruction	3
KINE 292	Theory and Technique of Strength Training	2
KINE 340	Motor Learning	2
KINE 355	Lifetime Sports Academy Practicum	1
KINE 367	Socio-Psychological Aspects of Physical Education	3
KINE 396	Practicum in Coaching	3
KINE 450	Prevention & Care of Injuries	3
TOTAL		22

Must be degree-seeking, minimum GPA 2.5, all prerequisites are the responsibility of the student, must complete a Code of Conduct Waiver (Professionalism and Confidentiality)

Certificate in Rehabilitation Science

Kinesiology

CIP: 310505

Certificate Code KI95

Cr Hrs

Required Courses		14
KINE 342	Biomechanical Analysis of Movement	3
KINE 387	Diet and Disease	3
KINE 431	Physiology of Exercise	3
KINE 432	Physiology of Exercise Laboratory	2
KINE 475	Applications in Exercise Science Research	3
Choose one		3
BIO 390	Research & Statistical Methods in Biology (3)	
KINE 380	Research Methods in Health & Exercise Science (3)	
TOTAL		17

A GPA of 3.0 is required for all courses in this certificate.

To meet prerequisites for the listed courses the following choice of life science sequences must be taken: BIO 221 or BIO 201.

Certificate in Nutrition

Kinesiology

CIP: 513102

Certificate Code KI93

Cr Hrs

Required Course		3
KINE 385	Nutrition for Human Development	3
Choose 4 of the following		12
EH 377	Food Safety (3)	
INTS 310	Food, Culture, and Society (3)	
KINE 386	Food Preparation (3)	
KINE 387	Diet and Disease (3)	
KINE 488	Community Nutrition, Lion Co-op Exp Learning (3)	
TOTAL		15

Certificate in Community Health

Kinesiology

CIP: 512207

Certificate Code KI91

Cr Hrs

Required Courses		9
HS 360	Health Policy	3
KINE 488	Community Nutrition Lion Co-op	3
Research Methods choose one		3
BIO 390	Research & Statistical Methods in Biology (3)	
KINE 380	Research Methods in Health & Exercise Science (3)	
PSC 340	Social Science Research Methods (3)	
PSY 325	Research Methods in Psychology (3)	
SOC 340	Social Science Research Methods (3)	
Electives		10-12
BIO/EH/GEOG 304	Intro to Geographic Information Systems (3)	
BIO/EH/HS 370	Environmental Health & Safety (3)	
BIO/EH/HS 380	Epidemiology (3)	
SOC 354	Medical Sociology (3)	
KINE 305	Aging and Health (2)	
OR		
PSY 475	Adult Development and Aging (3)	
KINE 385	Nutrition for Human Development (3)	
HS 390	Health Care Systems (3)	
COMM/HS 305	Intercultural Communication (3)	
PSC 350	Social Science Statistics (3)	
OR		
PSY 320	Applied statistics for the Behavioral & Natural Sciences (3)	
OR		
EH 382	Epidemiological Statistics (1)	
OR		
SOC 350	Social Science Statistics (3)	
TOTAL		19-21

Students majoring in Health Promotion and Wellness or Physical Education will be advised to take electives for the population health certificate outside of the Kinesiology department. For successful completion of the certificate students must earn a 3.0 GPA and a minimum grade of 'C' for each course.

Course pre-requisites are the responsibility of the student. Degree seeking and post-baccalaureate students may earn the certificate. All students will be required to complete a Code of Conduct that focuses on Confidentiality and Professionalism.

Certificate: Math Tutor Level I

Mathematics

CIP: 270100

Minor Code MA90

Cr Hrs

Required Courses		14-15
COMM 100	Oral Communication	3
ENG 101	College Composition I	3
ENG 102	College Composition II	3
MATH 150	Calculus with Analytic Geometry I	5
Tutor Training: either online or UE 205		0-1
TOTAL		14-15

*Student must earn a C or higher in COMM 100, ENG 101 and ENG 102 (or ENG 111), must earn a B or higher in MATH 150

*Must complete a 15 hour tutoring practicum, a plan of study must be approved by the Mathematics department chair and/or the Student Success Center director.

*ENG 111 is an option for ENG 101 and 102

Certificate: Math Tutor Level II**Mathematics****Minor Code MA91****CIP: 270100**

Cr Hrs

Required Courses		18
COMM 100	Oral Communication	3
ENG 101	College Composition I	3
ENG 102	College Composition II	3
MATH 150	Calculus with Analytic Geometry I	5
MATH 250	Calculus with Analytic Geometry II	4
Tutor Training: either online or UE 205		0-1
TOTAL		18

*Prerequisite: Math Tutor Level I Certificate (courses included here)

*Student must earn a C or higher in COMM 100, ENG 101 and ENG 102 (or ENG 111), must earn a B or higher in MATH 150

*Must complete a 15 hour tutoring practicum, a plan of study must be approved by the Mathematics department chair and/or the Student Success Center director for Math Tutor Level I Certificate.

*For Level II must complete advanced tutor training through the Student Success Center and complete an additional 15 hour tutoring practicum beyond the requirements for the Level I certificate.

*ENG 111 is an option for ENG 101 and 102

Spanish for the Professions New for 2023-24**Modern Language****Certificate Code ML86****CIP: 160905**

Cr Hrs

Prerequisite SPAN 204 or equivalent		
Required Courses		
SPAN 370	Interpretation Spanish/English	3
SPAN 440	Translation Spanish/English	3
SPAN 491	Internship in Spanish (3 credit hours)	3

TOTAL		9
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Certificate in Spanish Language Competence

Modern Language

Minor Code ML85

CIP: 160905

Cr Hrs

Prerequisites (to enroll in upper-division language courses)	
SPAN 101, SPAN 102, SPAN 203 and SPAN 204	
OR pass a departmental approved placement exam	
Twelve credit hours of any upper division Spanish courses	12
with a grade of B or higher	
Exit Language Exam	
Pass the Exit Language Exam of APPPL with a score of I3 (letter i)	
TOTAL	12

To complete the required number of upper-division hours some students of Romance languages (French or Spanish) may also participate in an approved study abroad trip or approved immersive experience such as internships.

Certificate in Music: Ensemble Performance**Music****Cert Code MU93****CIP: 500903**

Cr Hrs

Required Courses		12
MUS 111	Music Theory I; Musicianship & Aural Skills	3
Various Applied Music (1 credit hour per semester)		3
Various Large Ensemble (1 credit hour a semester)		6
MUS 495	Music Certificate Exit Interview	0
Choose Choral or Instrumental Emphasis		6
CHORAL EMPHASIS (6)		
Choral: Choose 2 credits of Choral/Vocal Courses (2)		
MUS 220	Italian and German Diction (2)	
MUS 221	French and English Diction (2)	
MUS 320	Vocal Repertoire (2)	
MUS 330	Vocal Technique and Pedagogy (2)	
Choral: Choose 4 credits of Choral/Chamber Ensemble (4)		
MUS 123 or 323 Chamber Singers (1)		
MUS 161 or 361 Madrigal Singers (1)		
INSTRUMENTAL EMPHASIS (6)		
Instrumental: Choose 2 credits of Instrumental Courses (2)		
MUS 231	Guitar/String Technique, Pedagogy, & Repertoire (2)	
MUS 232	Brass Technique, Pedagogy, & Repertoire (2)	
MUS 233	Percussion Technique, Pedagogy, & Repertoire (2)	
MUS 234	Woodwind Technique, Pedagogy, & Repertoire (2)	
Instrumental: Choose 4 credits of Instrumental Chamber Ensemble (4)		
MUS 141 or 341 Jazz Orchestra (1)		
MUS 187 or 387 Wind Ensemble (1)		
TOTAL		18

Certificate in Jazz Studies**Music****Cert Code MU90****CIP: 500903**

Cr Hrs

Required Course		3
MUS 101	Jazz Styles & Appreciation	3
MUS 495	Music Certificate Exit Interview	0
Jazz Improvisation		8
MUS 143/343	Jazz Combo (repeated 4 times)	4
MUS 214	Elective in Jazz Improvisation (2) repeated 2 times	4
Jazz Orchestra		6
MUS 141/341	Jazz Orchestra (1) repeated 6 times	6
Recital Performance in a Combo Setting		0
PERF 240	Recital Attendance (0)	
Educational Outreach		1
MUS 498	Advanced Topics in Music (1-3) 1 credit hour	
TOTAL		18

Certificate in Music Conducting 2022-23 AY**Music****Cert Code MU91****CIP: 500999**

Cr Hrs

Required Courses		6
TH 215 or 216 or 217 or 218 Movement		2
MUS 400	Secondary Music Methods	3
MUS 449	Applied Conducting	1
MUS 495	Music Certificate Exit Interview	0
Choose Choral or Instrumental Emphasis 12 Hours		12
Choral Emphasis		12
MUS 130	Vocal Technique and Pedagogy	2
MUS 181	Choral Conducting: Technique & Literature	2
MUS 220	Italian & German Vocal Diction	2
MUS 221	French & English Vocal Diction	2
MUS 320	Vocal Repertoire	2
MUS 408	Choral Ensemble Pedagogy	2
Instrumental Emphasis		12
MUS 182	Instrumental Conducting: Technique & Literature	2
MUS 231	Guitar/String Technique, Pedagogy, & Repertoire	2
MUS 234	Woodwind Technique, Pedagogy, & Repertoire	2
MUS 235	Brass & Percussion Technique, Pedagogy, & Repertoire	2
MUS 413	Instrumental Ensemble Pedagogy	2
MUS 423	Instrumental Repertoire	2
TOTAL		18

Certificate in Music Industry**Music****Certificate Code: MU94****CIP: 501001**

Cr Hrs

Required Courses		18
MUS 111	Music Theory I: Musicianship & Aural Skills	3
MUS 112	Music Theory II: Adv. Musicianship & Aural Skills	3
MUS 403	Intro to Live & Recorded Sound	3
MUS 410	Music Industry & Copyright	3
MUS 495	Music Certificate Exit Interview	0
PERF 442	Business for Performing Artists	2
PERF 460	Principles of Arts Management & Administration	2
PERF 465	Marketing Performing Arts, Culture & Entertainment	2
TOTAL		18

Certificate in Music Instruction**Music****Cert Code MU92****CIP:500912**

Cr Hrs

Required Courses		10
MUS 333	Pre-K through Middle School General Music Methods	3
MUS 400	Secondary Music Methods	3
MUS 495	Music Certificate Exit Interview	0
PERF 442	Business for Performing Artists	2
PERF 460	Performing Arts Management & Administration	2
Choose Choral or Instrumental Emphasis		8
Choral Emphasis		
MUS 130	Vocal Technique and Pedagogy	2
MUS 220	Italian & German Vocal Diction	2
MUS 221	French & English Vocal Diction	2
MUS 408	Choral Ensemble Pedagogy	2
Instrumental Emphasis		8
MUS 231	Guitar/String Technique, Pedagogy, & Repertoire	2
MUS 234	Woodwind Technique, Pedagogy, & Repertoire	2
MUS 235	Brass & Percussion Technique, Pedagogy, & Repertoire	2
MUS 413	Instrumental Ensemble Pedagogy	2
TOTAL		18

Certificate in Musical Theatre**Theatre****Certificate Code: MU96****CIP: 500509**

Cr Hrs

Required Courses		14
MUS 123 or 323	Chamber Singers	2
MUS 166 or 366	Applied Performance Voice	3
MUS 220 or 221	Italian & German or French & English Diction & Repertoire	2
TH 0116	History of Musical Theatre	3
TH 105 or 305	Applied Performance Acting	2
TH 106 or 306	Production Practicum	2
Dance Courses Choose Two		4
TH 215	Dance: Ballet (2)	
TH 216	Dance: Jazz (2)	
TH 217	Dance: Tap (2)	
TH 218	Dance: Musical Theatre (2)	
TOTAL		16

Pit Orchestra Performance Certificate**Music****Certificate Code: MU97****CIP: 500903****Cr Hrs**

Required Courses		16
MUS 116 or 126 or 136 or 146 or 156 Applied Performance		4
MUS 316 or 326 or 336 or 346 or 356 Adv. Applied Performance		3
MUS 495	Music Certificate Exit Interview	0
PERF 460	Principles of Arts Management and Administration	2
PERF 465	Marketing Performing Arts, Culture, & Entertainment	2
TH 106	Production Practicum	1
TH 116	History of Musical Theatre	3
TH 306	Advanced Production Practicum	1
Choose 2 credits from the following:		2
MUS 143/343	Jazz Combo	
MUS 141/341	Jazz Orchestra	
MUS 391	Marching Band	
MUS 392	Concert Band	
TOTAL		18

Certificate: Physics Tutor Level I**Certificate Code PH91****CIP: 400899****Cr Hrs**

Required Courses		13-14
COMM 100	Oral Communication	3
ENG 101	College Composition I**	3
ENG 102	College Composition II**	3
PHYS 270	General Physics I*	4
Tutor Training: either online or UE 205^ with a grade of "B" or higher		0-1
TOTAL		13-14

Student must complete a 15-hour tutoring practicum. This can be accomplished multiple ways. A plan of study for this element of the program must be approved by the Dept. Chair of Chemical & Physical Sciences with consultation from the Director of the Student Success Center. Two examples: 1. Student can perform 15 hours of one-on-one tutoring in the Student Success Center. 2. Student can do a 15-hour Supplemental Instruction associated with a particular class in which the student attends the class lecture and meets with students in that class for tutoring sessions.

Certificate: Physics Tutor Level II

Certificate Code PH92

CIP: 400899

Cr Hrs

Required Courses		5
Physics Tutor Level I certificate		
PHYS 290	General Physics II	4
PHYS 291	General Physics II Lab	1
Tutor Training:advanced tutor training module AND additional 15 hours tutoring or PHYS 431 Physics Lab Practicum 1 or 2 cr hrs		0-2
TOTAL		5-7

Physics Tutor Level I certificate required

Tutor Training Requirements:

I. Complete Advanced Tutor Training module developed by the MSSU Student Success Center. II Complete one of the following: i. an additional 15-hour tutoring practicum beyond the requirements for the Level I certificate OR PHYS 431 Physics Lab Practicum with a grade of B or higher 1 or 2 credit hours.

Certificate in Campaigns & Elections

Political Science

Certificate Code PS93

CIP: 451002

Cr Hrs

Select 12 Credit Hours from the Following:		12
PSC 301	Political Parties & Elections (3)	
PSC 302	Political Communication & Public Opinion (3)	
PSC 320	State & Local Government (3)	
PSC 340	Social Sciences Research Methods (3)	
PSC 350	Social Science Statistics (3)	
PSC 491	Internship Political Science (1-8) 3 hrs	
EH/BIO/GEOG 304	Geographic Information Systems (3)	
TOTAL		12

Certificate in International Politics & Diplomacy**Political Science****Certificate Code PS90****CIP: 450901**

Cr Hrs

Required Course		3
PSC 201	Introduction to Political Science	3
Select 9 Credit Hours		9
PSC 321	International Relations (3)	
PSC 331	Topics in International Affairs (3)	
PSC 352	Introduction to Comparative Politics	
PSC 365	Model European Union (1)	
PSC 423	Globalization and Development	
PSC 434	American Foreign Policy	
COMM 305	Intercultural Communication (3) or HS 305	
GEOG 311	Geopolitics (3)	
INTS 308	Model United Nations (3)	
TOTAL		12

Certificate in Legal Studies**Political Science****Certificate Code PS92****CIP: 220000**

Cr Hrs

Electives Choose Four		12
CJ 210	Criminal Procedure (3)	
CJ 250	Criminal Law (3)	
COMM 310	Communication Law (3)	
PSC 303	Mock Trial Workshop (3)	
PSC 309	Law and Society (3)	
PSC 312	American Political Institutions (3)	
PSC 327	Topics in Legal Affairs	
PSC 431	Constitutional Law I (3)	
PSC 432	Constitutional Law II (3)	
PSC 435	Philosophy of Law (3)	
PSC 491	Internship Political Science (1-8) 3 cr hrs	
TOTAL		12

Certificate in Political Communication**Political Science /Communication****Certificate Code PS94****CIP: 451001****Cr Hrs**

Required Courses		6
COMM 211	Introduction to Public Relations	3
PSC 491 or PSC 493 Internship/Legislative Internship		3
Choose one Communication course:		3
COMM 305	Intercultural Communication	
COMM 310	Communication Law	
COMM 315	Argumentation & Debate	
COMM 355	Case Studies in Public Relations	
COMM 410	Crisis Communication	
COMM 411	Political & Social Communications	
COMM 455	Writing for Public Relations	
COMM 470	New Media Technology	
Choose two Political Science courses:		6
PSC 491 or PSC 493 Internship/Legislative Internship		
PSC 301	Political Parties & Elections	
PSC 302	Political Communication & Public Opinion	
PSC 312	Legislative Process	
PSC 320	State & Local Government	
PSC 361	Politics of Sex	
PSC 363	Environmental Policy & Politics	
TOTAL		15

Certificate in Public Administration & Urban Planning**Political Science****Certificate Code PS91****CIP: 440401****Cr Hrs**

Required Course		3
PSC 421	Public Administration	3
Active Learning Electives Choose One		3
PSC 491	Internship Political Science (1-8) 3 cr hrs	
BIO/EH/GEOG 304 Geographic Information Systems (3)		
Policy & Institutional Electives Choose Two		6
GEOG/PSC 257 The Urban World (3)		
PSC 302	Political Communication & Public Opinion (3)	
PSC 312	American Political Institutions (3)	
PSC 320	State and Local Government (3)	
PSC 342	Public Policy (3)	
PSC 363	Environmental Politics & Policy (3)	
BIO/EH/GEOG 304 Geographic Information Systems (3)		
BIO/EH/GEOG 404 Applications in Geographic Information Systems (3)		
TOTAL		12

Certificate in Applied Behavior Analysis**Psychology****Certificate Code: PY93****CIP: 422814****Cr Hrs**

Required Courses		16
PSY 252	Introduction to Applied Behavior Analysis	3
PSY 352	Philosophical Foundations of Applied Behavior Analysis	3
PSY 353	Ethics & Professionalism in Applied Behavior Analysis	3
PSY 451	Changing, Strengthening, and Maintaining Behavior	3
PSY 453	Measurement, Assessment & Experimental Design in ABA	4
TOTAL		16

Certificate in Autism Spectrum Disorder**Psychology****Certificate Code: PY92****CIP: 422814****Cr Hrs**

Required Courses		7
PSY 252	Introduction to Applied Behavior Analysis	3
PSY 253	Practicum in Applied Behavior Analysis	1
Choose one:		3
EDUC 302	The Exceptional Child (3)	
KINE 375	Physical Activity for Special Populations (3)	
Choose three of the following:		9
PSY 200 or PSY 205 Child Development/Child & Adolescent Dev. (3)		
PSY 201	Adolescent Development (3)	
PSY 282	Fundamentals in Operant Conditioning (3)	
PSY 310	Educational Psychology (3)	
EDUC 302	The Exceptional Child (3)	
EDUC 405	Methods of Teaching Students w/Emotional & Behavior Disorders(3)	
EDUC 474	Educational-Psychological Testing in Special Education (3)	
KINE 375	Physical Activity for Special Populations (3)	
TOTAL		16

Certificate in Behavioral Neuroscience**Psychology****Certificate Code: PY95****CIP: 422706****Cr Hrs**

Required		10
PSY 242	Introduction to Neuroscience	3
PSY 442	Behavioral Neuroscience	3
BIO 121	Human Anatomy and Physiology	4
Choose courses to total 7 to 10 credit hours		7-10
BIO 201	Human Anatomy (5)	
BIO 221	Human Anatomy and Physiology II (5)	
BIO 301	Human Physiology (4)	
BIO 445	Reproductive Physiology (3)	

KINE 340	Motor Learning (2)	
KINE 385	Nutrition for Human Development (3)	
KINE 431	Physiology of Exercise (3)	
PSY 252	Introduction to Applied Behavior Analysis (3)	
PSY 411	Sensation and Perception (3)	
PSY 415	Animal Behavior (3)	
PSY 432	Abnormal Psychology (3)	
PSY 443	Cognitive Psychology (3)	
*RESP 102	Cardiopulmonary Sciences (3)	
*RESP 105	Cardiopulmonary Anatomy and Physiology (3)	
*RESP 129	Cardiopulmonary Pharmacology (3)	
*RESP 226	Cardiopulmonary Diagnostics (3)	
*Admission to the respiratory care program is required for these courses		
TOTAL		17-20

Certificate in Clinical and Counseling Psychology**Psychology****Certificate Code: PY94****CIP:422801****Cr Hrs**

Required Courses		6
PSY 432	Abnormal Psychology	3
PSY 435	Clinical Psychology`	3
Choose one		3-6
KINE 491	Internship in Wellness (6)	
PSY 491	Internship in Psychology (3)	
SOC 491	Internship in Sociology (1-4)	
SW 480	Field Experience I (4)	
Choose two		6
COMM 205	Active Listening and Strategic Negotiations (3)	
COMM 215	Interpersonal Communication (3)	
COMM 305	Intercultural Communication (3)	
COMM 308	Gender Communication (3)	
COMM 401	Nonverbal Communication (3)	
PSY 221	Personal Adjustment (3)	
SOC 312	Juvenile Delinquency (3)	
SOC 362	Deviant Behavior (3)	
SOC 406	Sociology of Child Abuse (3)	
SW 410	Practice Skills for Helping Individuals (3)	
SW 420	Practice Skills for Helping Families and Groups (3)	
TOTAL		15-18

Certificate in Developmental Psychology

Psychology

Certificate Code: PY90

CIP: 422703

Cr Hrs

Lifespan Core		8-9
PSY 201	Adolescent Development	3
Choose one		3
PSY 205	Child and Adolescent Development (3)	
PSY 200	Child Development (3)	
Choose one		2-3
KINE 305	Aging and Health (2)	
PSY 475	Adult Development and Aging (3)	
SOC 306	Social Gerontology (3)	
SW 394	Gerontology Services (3)	
Applied Experience choose one		3-6
KINE 491	Internship in Wellness (6)	
PSY 491	Internship in Psychology (3)	
SOC 491	Internship in Sociology (1-4) (3)	
SW 480	Field Experience I (4)	
Additional Developmental Topics Choose one		2-3
CJ 275	The Juvenile Justice System (3)	
CJ 410	Juvenile Procedures (3)	
CJ 485	Child Exploitation and Pornography Investigation (3)	
KINE 305	Aging and Health (2)	
KINE 385	Nutrition for Human Development (3)	
PSY 475	Adult Development and Aging (3)	
SOC 221	Marriage and Family (3)	
SOC 306	Social Gerontology (3)	
SOC 312	Juvenile Delinquency (3)	
SOC 370	The Sociology of Death & Dying (3)	
SOC 406	Sociology of Child Abuse (3)	
SW 394	Gerontology Services (3)	
TOTAL		14-18

Certificate: American Studies**Social Science****Certificate Code: SO92****CIP: 050102****Cr Hrs**

Choose one of the Following		3
HIST 110	United States History, 1492-1877 (3)	
HIST 120	United States History, 1877-Present (3)	
HIST 210	Intro to African American History I	
HIST 220	Intro to African American History II	
PSC 120	American Government	
Choose one of the Following:		3
ANTH/SOC 246	Ozark Culture and Folklore (3)	
ENG 252	Ethnicities in American Literature (3)	
ENG 281	American Literature Beginning - 19th Century	
ENG 282	American Literature 19th Century - Present	
Choose three of the Following:		9
ANTH 302	North American Indians	
ENG 381	Studies in American Literature	
HIST 320	The Civil Rights Movement	
HIST 332	World War II	
HIST 343	The U.S. and the Cold War	
HIST 344	American in Vietnam	
HIST 345	Age of Jefferson and Jackson	
HIST 350	Civil War and Reconstruction	
HIST 353	Gilded Age and Progressive Era	
HIST 360	History of Missouri	
HIST 365	Colonial North America	
HIST 409	Seminar in Early American History	
HIST 410	Seminar in Modern American History	
PSC/SOC 204	Intro to Studies of Race and Ethnicity	
PSC 301	Political Parties and Elections	
PSC 320	State and Local Government	
PSC 431	Constitutional Law I: Powers & Structures of Govt	
PSC 432	Constitutional Law II: Civil Rights & Civil Liberties	
PSC 434	American Foreign Policy	
TOTAL		15

No more than three upper-level classes from a student's major can be used toward this certificate.

Certificate in Cultural Anthropology**Social Sciences****Certificate Code SO94****CIP: 450204****Cr Hrs**

Required Course		
ANTH 101	General Anthropology	3
Choose three from the following:		9
ANTH 246	Ozark Culture & Folklore	
ANTH 298	Topics in Anthropology	
ANTH 302	North American Indians	
ANTH 304	Magic, Ritual, and Religion	
ANTH 342	Comparative Cultures	

ANTH 370	Globalization & Native People	
ANTH 385	Language and Culture	
ANTH 498	Advanced Topics in Anthropology	
ANTH 499	Independent Study (3 hours)	
TOTAL		12

Other courses may be approved by petition

Certificate in Gender Studies**Social Sciences****Certificate Code SO90****CIP: 540101**

Cr Hrs

Choose from the following:		12
CJ 430	Family Violence (3)	
COMM 308	Gender Communication (3)	
ENG 253	Women's Literature (3)	
HIST 404	Topics in the History of Gender and Sexuality (3)	
PSC 361	Politics of Sex (3)	
PSY 343	Human Sexuality (3)	
SOC 341	Gender Roles (3)	
TH 313	LGBTQ Theatre, Dance, Music, & Performance (3)	
TH 310	Equity, Diversity, Inclusion & Representation in Performing Arts (3)	
TOTAL		12

Other courses may be approved by petition

Certificate:Global Black Studies**Communication/Social Science****Certificate Code: SO93****CIP: 050101**

Cr Hrs

Choose two:		6
HIST 210*	Introduction to African-American History I (3)	
ENG 251	Survey of Black Literature (3)	
MUS 101	Jazz Styles & Appreciation (3)	
PSC/SOC 204	Introduction to Studies of Race and Ethnicity (3)	
TH 312	Black & African American Theatre, Dance, Music, & Performance (3)	
Electives (upper division) choose three:		9
ART 306	Art History, African Art (3)	
CJ 460	Cultural Diversity and Racial Disparity (3)	
ENT 370	Advancing Black Entrepreneurship (3)	
HIST 320	The Civil Rights Movement (3)	
HIST 415	Topics in Black History (3)	
MUS 310	Black Music of Two Worlds (3)	
PSC 498	Civil Rights Tour of the South (3)	
TH 312	Black & African American Theatre, Dance, Music, & Performance (3)	
TOTAL		15

Certificate:Social Institutions**Social Science****Certificate Code: SO91****CIP: 050101**

Cr Hrs

Required		6
SOC 110	Introduction to Sociology (3)	
SOC 491	Internship in Sociology (3)	
Choose one:		3
SOC 210	Social Problems (3)	

SOC 220	Marriage and Family (3)	
Electives choose two:		6
SOC 301	Sociology of Religion (3)	
SOC 354	Medical Sociology (3)	
SOC 391	Penology and Corrections (3)	
SOC 396	Sociology of Education (3)	
SOC 499	Independent Study (3)	
PSC 309	Law and Society (3)	
TOTAL		15

Certificate in Arts Administration & Leadership

Theatre

Certificate Code: TH95

CIP: 50.0507

Cr Hrs

Required Courses		9
PERF 442	Business for Artists	2
PERF 460	Principles of Arts Mgmt & Admin.	2
PERF 465	Marketing Arts, Culture and Entertainment	2
MRKT 300	Principles of Marketing	3
TH 495	Arts Management Exit Interview	0
Focus area		8-9
TOTAL		17-19

Fine Art Focus 8

Required courses 5

ART 320 Introduction to Gallery Studies 3

ART 491 Internship in Art 2

Choose one elective 3

ART 251 Art History, Pre-Historic Through Gothic 3

ART 252 Art History, Renaissance Through 19th Century 3

ART 303 Art History, 19th Century 3

ART 304 Art History 20th Century 3

Performing Arts Focus 9

Required Courses 5

PERF 402 Mental Skills Training for Performing Artists 2

MUS 410 Industry and Copyright 3

Choose 2 courses in Music or Theatre - 4 hours total 4

MUS 181 Choral Conducting: Technique & Literature 2

MUS 182 instrumental Conducting: Technique & Literature 2

TH 311 Stage Management 2

TH 351 Stage Directing 2

History Focus	9
Required course	3
HIST 202 Intro to Public History	3
Pick one history elective from 2 of the following areas:	6
<u>Art</u>	
ART 251 Art History, Pre-Historic Through Gothic (3)	
ART 252 Art History, Renaissance Through 19th Century(3)	
ART 303 Art History, 19th Century (3)	
ART 304 Art History 20th Century (3)	
<u>Music</u>	
MUS 101 Jazz Styles and Appreciation (3)	
MUS 106 World Music (3)	
MUS 311 History of Music I (3)	
MUS 312 History of Music II (3)	
<u>Theatre</u>	
TH 331 Theatre History and Literature I (3)	
TH 332 Theatre History and Literature II (3)	

Certificate in Costume Technology

Theatre

Certificate Code: TH92

CIP: 500510

Cr Hrs

Required Course		18-20
TH 232	Costume Technology	3
TH 361	History of Costume	3
TH 363	Costume History II	3
TH 222	Theatre Laboratory (2) repeat	8
TH 450	Advanced Lab Practicum**	1-3
TH 495	Exit Interview	0
TOTAL		18-20

* Theatre Laboratory 4 semesters working in costume shop producing costumes for department productions

**Adv. Lab Practicum - serve as cutter/drafter, milliner, tailor or complete a special project for a Theatre department production.

Certificate in Theatre Directing

Theatre

Certificate Code: TH94

CIP: 500507

Cr Hrs

Required Course		18
TH 134	Children's Theatre	3
TH 311	Stage Management	2
TH 351	Stage Directing	3
TH 372	Directing II	3
TH 380	Applied Theatre	3
TH 442	Business for Performing Artist	1
TH 480	Devised Theatre	3

TOTAL		18
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Certificate in Theatre Industry

Theatre

Certificate Code: TH74

CIP: 500510

Cr Hrs

Required Courses		18
MUS 403	Live & Recorded Sound	3
MUS 410	Industry & Copyright	3
PERF 410	Business for Performing Artist	2
PERF 460	Performing Arts Management & Administration	2
PERF 465	Marketing Performing Arts, Culture, & Entertainment	2
TH 320	Lighting Design	3
TH 441	Stage Design	3
TH 495	Exit Interview	0
TOTAL		18

Certificate in Theatre Instruction

Theatre

TH 73

CIP: 500599

Cr Hrs

Required Courses		18
EDUC 344	Teaching Speech/Theatre in Middle & High School	2
PERF 442	Business for Performing Artist	2
PERF 460	Performing Arts Management & Administration	2
TH 311	Stage Management	3
TH 331 or 332	Theatre History & Literature I or II	3
TH 351	Stage Directing	3
Choose One		3
TH 320	Lighting Design (3)	
TH 382	Sound Design (3)	
TH 410	Dramaturgy (3)	
TH 441	Set Design (3)	
TOTAL		18

GRADUATE PROGRAMS 2023-2024

Master of Science in Data Analytics

Management, School of Business

Major Code: GR20

CIP: 307101

Cr Hrs

Dta Analytics Core		18
DATA 510	Foundations of Data Analytics	3
DATA 520	Enterprise Data Management	3
DATA 530	Programming for Data Analysis	3
DATA 540	Data Models and Structured Analysis	3
DATA 550	Machine Learning in Python	3
DATA 560	Multivariate Data Analysis	3
Business Analytics Emphasis		12
GB 525	Revenue Management	3
GB 530	Data Visualization	3
GB 540	Business Forecasting Using Time Series Analysis	3
GB 550	Narrative and Persuasion Using Data Analysis	3
TOTAL		30

Master of Science in Management, Human Resources Emphasis

Management, School of Business

Major Code: GR11

CIP: 520201

Cr Hrs

Required Courses		21
FIN 550	Applied Managerial Finance	3
MGMT 501	Law and Ethic Leadership	3
MGMT 520	Managerial Communications	3
MGMT 521	Data Analytics for Managers	3
MGMT 541	Organizational Behavior	3
MGMT 550	Contemporary Management	3
MGMT 552	Strategic Management	3
Human Resources Track		9
MGMT 643	Recruitment and Retention	3
MGMT 645	Contemporary Compensation	3
MGMT 647	Training and Development	3
TOTAL		30

Master of Science in Management, Management Emphasis
Management, School of Business Major Code: GR12
CIP: 520201 Cr Hrs

Required Courses		21
FIN 550	Applied Managerial Finance	3
MGMT 501	Law and Ethic Leadership	3
MGMT 520	Managerial Communications	3
MGMT 521	Data Analytics for Managers	3
MGMT 541	Organizational Behavior	3
MGMT 550	Contemporary Management	3
MGMT 552	Strategic Management	3
Management Track		9
IB 610	International Management	3
MGMT 631	Operations and Resource Planning	3
MRKT 672	Marketing Management	3
TOTAL		30

Master of Science in Justice Studies

Justice Studies Department

CIP: 450101

Major Code GR 16

Cr Hrs

Required Courses		6
JS 503	Criminal Justice Research Methods	3
OR	JS 504 Social Science Research Methods	
JS 505	Statistical Analysis	3
OR	JS 506 Social Science Statistics	
Electives (from at least 3 different disciplines (cross-listed course at the end)		24
ANTH 570	Globalization and Native Peoples	
JS 509	Inequalities in America (3)	
JS 511	International Justice Systems (3) CJ 301	
JS 513	Family Violence (3) CJ 430	
JS 514	Ethics in Criminal Justice (3) CJ 432	
JS 515	Victimology (3) CJ 440	
JS 516	Homeland Security (3) CJ 316	
JS 517	Serial Murders (3) CJ 517, CJ 417	
JS 520	Crisis Communication (3) COMM 410	
JS 521	Crime & Criminal Justice Policy (3)	
JS 522	Seminar in Corrections (3)	
JS 523	Restorative Justice (3)	
JS 540	The Civil Rights Movement (3) HIST 320	
JS 552	Public Policy (3) PSC 342	
JS 553	Constitutional Law II: Civil Rights & Liberties (3) PSC 432	
JS 554	Philosophy of Law (3) PSC 435	
JS 556	Law and Society (3) PSC 309	
JS 570	Social Welfare Policies & Services (3) SW 300	
JS 571	Social Justice Practice (3) SW 475	
JS 580	Cults in the US (3) SOC 302	
JS 581	Social Stratification (3) SOC 311	
JS 582	Juvenile Delinquency (3) SOC 312	
JS 584	Penology Corrections (3) SOC 391	
JS 585	Seminar in Race,Class,Gender& Crime (3)	
JS 588	Wellness & Justice: Lion Co-op (3) KINE/HIST 488	
JS 699	Independent Study	
Capstone: Thesis or Non-Thesis Track		6
JS 600	Thesis in Justice Studies (3) and	
JS 601	Thesis in Justice Studies (3)	
OR		
JS 610	Service Project and Paper in Justice Studies (3) and	
JS 611	Service Project and Paper in Justice Studies (3)	
TOTAL		36

Master of Arts in Teaching 2023-24 AY

Major Code GR 17

CIP: 131206

Cr Hrs

EDUC 581	Advanced Culture and Language Acquisition (Sociolinguistics) for ELL	3
EDUC 602	Intro to High Incidence Exceptional Learners	3
EDUC 615	Classroom and Behavioral Management	3
EDUC 622	Content Area Literacy	3
EDUC 625	Advanced Content Area Literacy	3
EDUC 630	Assessment of Student Learning	3
EDUC 632	Critical Issues	1
EDUC 645	Teaching Methods and Instructional Strategies in the Subject Area	3
EDUC 650	Research Design	3
EDUC 662	Student Teaching Internship MAT	9
PSY 510	Educational Psychology	3
TOTAL		37

The Master of Arts in Teaching program would be graduate-level, alternative certification program for students seeking certification in 9-12 or K-12 programs. Elementary and middle school programs would not be included in the MAT program.

Students who enroll in MAT programs already have a bachelors degree in a specific content area, but did not complete a traditional Teacher Education program.

Students must complete MAT program and pass the content-specific MoCA to graduate and earn certification. We would require students to attempt the MoCA to apply to the program. Passing the MoCA satisfies any content requirements.

We would be required to articulate a matrix with DESE representing each MAT program we offer.

Our MAT program would be designed to closely mirror our current MS in Curriculum and Instruction. The major difference is the MAT requires clinical/field experiences (including student teaching). EDUC 605 and EDUC 620 would no longer be required in the C&I program.

MAT students who are already the teacher of record in a classroom will have a provisional certification during the program. Students who are not teaching can apply for a provisional the semester before they student teach.

Master of Science in Education**Administration 2023-24 AY****CIP: 130401****Major Code GR 13**

Cr Hrs

Required Courses		30
EDUC 606	Visionary Leadership in K12 School Administration	3
EDUC 607	Leadership Capstone	3
EDUC 608	School Supervision & Management Ldrshp K12	3
EDUC 624	Innovative Practices in K12 School Administration	3
EDUC 626	Relational Leadership in K12 School Administration	3
EDUC 630	Assessment of Student Learning	3
EDUC 631	Instructional Leadership in K12 School Admin.	3
EDUC 634	Law, Ethics, and Policy in K12 School Admin	3
EDUC 640	Curriculum Construction	3
EDUC 650	Research Design	3
TOTAL		30

Master of Science in Education**Curriculum and Instruction****CIP: 130301****Major Code GR 08**

Cr Hrs

Required Courses		12
EDUC 615	Classroom and Behavioral Management	3
EDUC 625	Advanced Content Area Literacy	3
EDUC 630	Assessment of Student Learning	3
EDUC 650	Research Design	3
Electives		18
EDUC 581	Advanced Culture and Language Acquisition (Sociolinguistics) for ELL (3)	
EDUC 583	Advanced Second Language Acquisition (3)	
EDUC 602	Intro to High Incidence Exceptional Learners (3)	
EDUC 622	Content Area Literacy (3)	
EDUC 623	Ethics and Policy in School Leadership (3)	
EDUC 635	School Law (3)	
EDUC 645	Teaching Methods and Instructional Strategies in the Subject Area (3)	
PSY 510	Educational Psychology (3)	
TOTAL		30

CERTIFICATES (Graduate) 2023-2024

Graduate Certificate in Post-Baccalaureate Studies in Art

Art

Graduate Certificate Code GAR0

CIP: 500701

Cr Hrs

Required Courses		3
ART 505	Art Theory	3
ART 680	Post-Bacc. Studies in Art Portfolio	0
Art History Elective Choose One:		3
ART 503	Art History, 19th Century	
ART 504	Art History, 20th Century	
ART 506	Art History, African Art	
ART 508	Art History, Women in Art	
ART 509	History Theory Graphic Design	
ART 566	The Art of Scandinavia	
ART 598	Special Topics in Art	
Primary Studio Area Choose One or Two:		3-6
ART 527	Special Projects in Ceramics I	
ART 547	Special Projects Ceramics II	
ART 522	Special Projects in Design I	
ART 542	Special Projects Design II	
ART 528	Special Projects in Drawing I	
ART 548	Special Projects Drawing II	
ART 524	Special Projects in Painting I	
ART 544	Special Projects Painting II	
ART 529	Special Projects Printmaking I	
ART 549	Special Project Printmaking II	
ART 526	Special Projects Sculpture I	
ART 546	Special Projects Sculpture II	
ART 598	Special Topics in Art	
Secondary Studio Area(s) Choose One or Two		3-6
ART 565	Swedish Photography Seminar	
ART 522	Special Projects in Design I	
ART 524	Special Projects in Painting I	
ART 526	Special Projects Sculpture I	
ART 527	Special Projects in Ceramics I	
ART 528	Special Projects in Drawing I	
ART 529	Special Projects Printmaking I	
Primary Studio Area Choose One:		3
ART 624	Studio Painting	
ART 626	Studio Sculpture	
ART 627	Studio Ceramics	
ART 628	Studio Drawing	
ART 629	Studio Printmaking	
TOTAL		18

Graduate Certificate in Business Analytics**School of Business****Certificate Code: GMM1****CIP: 307102**

Cr Hrs

Required Courses		6
GB 530	Data Visualization	3
MGMT 521	Data Analytics for Managers	3
Choose two		6
GB 525	Revenue Management (3)	
GB 540	Business Forecasting Using Time Series Analysis (3)	
GB 550	Narrative & Persuasion Using Data Analysis (3)	
TOTAL		12

Graduate Certificate in Human Resources Management**Management, School of Business****Certificate Code: GMM0****CIP: 521001**

Cr Hrs

Required Courses		12
MGMT 541	Organizational Behavior	3
MGMT 643	Recruitment and Retention	3
MGMT 645	Contemporary Compensation	3
MGMT 647	Training and Development	3
TOTAL		12

Graduate Certificate in Music: Ensemble Pedagogy

Music

Graduate Certificate Code GMU0

CIP: 500912

Cr Hrs

Core Requirements		14
MUS 603	History and Philosophy of Music Education/Pedagogy	3
MUS 604	Research for Music Pedagogues	3
MUS 613	Pedagogy of Music History	2
MUS 614	Pedagogy of Music Theory	2
MUS 651	Music Pedagogy: Ensembles	2
Final project - chosen w/advisor and dept. chair approval (2-4 hrs)		2
a) MUS 698 chose one: Academic Portfolio, Recital, Thesis 2 hrs		
b) Extra hours chosen in consultation w/advisor 4 hrs		
Examination: oral or written exam to assess student's competencies, determined by the advisor, supervisory committee and approve by dept.		
Emphasis Area Courses: choose 6 credits in your emphasis area		6
Choral Music Emphasis Area		
Choose 4-5 Credits:		
MUS 697	Music Workshop: Choral/Vocal (1) repeatable	
MUS 509	Choral Literature I (Medieval, Renaissance, and Baroque) (2)	
MUS 529	Choral Literature II (Classical, Romantic, and Contemporary) (2)	
MUS 508	Middle School/Secondary Choral Methods (3)	
MUS 543	Advanced Choral Conducting (2)	
MUS 695	Choral/Orchestral Masterwork (1)	
MUS 666	Graduate Applied Voice (1) repeatable	
MUS 668	Graduate Applied Voice (2) repeatable	
MUS 620	Vocal Diction Survey (2)	
MUS 530	Vocal Technique & Pedagogy (2)	
MUS 622	Vocal Repertoire for the Solo and Ensemble Singer (2)	
Choose 1-2 Credits:		
MUS 521	Concert Chorale (1) repeatable	
MUS 519	Southern Symphonic Chorus (1) repeatable	
MUS 523	Chamber Singers (1) repeatable	
Instrumental Music Emphasis Area		
Choose 4-5 Credits:		
MUS 696	Music Workshop: Instrumental (1) repeatable	
MUS 628	Wind Ensemble Literature (2)	
MUS 627	Orchestral Literature (2)	
MUS 656	Graduate Applied Woodwind (1) repeatable	
MUS 658	Graduate Applied Woodwind (2) repeatable	
MUS 636	Graduate Applied Percussion (1) repeatable	
MUS 638	Graduate Applied Percussion (2) repeatable	
MUS 646	Graduate Applied Strings (1) repeatable	
MUS 648	Graduate Applied Strings (2) repeatable	
Choose 1-2 Credits:		
MUS 501	Southern Symphony Orchestra (1) repeatable	
MUS 583	Percussion Ensemble (1) repeatable	
MUS 587	Wind Ensemble (1) repeatable	
TOTAL		20

Graduate Certificate in Music: Applied Pedagogy

Music

Graduate Certificate Code GMU1

CIP: 500912

Cr Hrs

Core Requirements		14
MUS 603	History and Philosophy of Music Education/Pedagogy	3
MUS 604	Research for Music Pedagogues	3
MUS 613	Pedagogy of Music History	2
MUS 614	Pedagogy of Music Theory	2
MUS 650	Music Pedagogy: Applied Studio	2
Final project - chosen w/advisor and dept. chair approval (2-4 hrs)		2
a) MUS 698 chose one: Academic Portfolio, Recital, Thesis 2 hrs		
b) Extra hours chosen in consultation w/advisor 4 hrs		
Examination: oral or written exam to assess student's competencies, determined by the advisor, supervisory committee and approve by dept. chair		
Emphasis Area Courses: choose 6 credits in your emphasis area		6
Voice Emphasis Area		
Choose 4-5 Credits:		
MUS 666	Graduate Applied Voice (1) repeatable	
MUS 668	Graduate Applied Voice (2) repeatable	
MUS 602	Mental Skills Training for Musicians (2)	
MUS 620	Vocal Diction Survey (2)	
MUS 530	Vocal Technique & Pedagogy (2)	
MUS 622	Vocal Repertoire for the Solo and Ensemble Singer (2)	
Choose 1-2 Credits:		
MUS 521	Concert Chorale (1) repeatable	
MUS 519	Southern Symphonic Chorus (1) repeatable	
MUS 523	Chamber Singers (1) repeatable	
MUS 697	Music Workshop: Choral/Vocal (1) repeatable	
Instrumental Emphasis Area		
Choose 4-5 Credits:		
MUS 656	Graduate Applied Woodwind (1) repeatable	
MUS 658	Graduate Applied Woodwind (2) repeatable	
MUS 636	Graduate Applied Percussion (1) repeatable	
MUS 638	Graduate Applied Percussion (2) repeatable	
MUS 646	Graduate Applied Strings (1) repeatable	
MUS 648	Graduate Applied Strings (2) repeatable	
MUS 515	Woodwind Literature and Pedagogy (2)	
Choose 1-2 Credits:		
MUS 501	Southern Symphony Orchestra (1) repeatable	
MUS 583	Percussion Ensemble (1) repeatable	
MUS 587	Wind Ensemble (1) repeatable	
MUS 585	Woodwind Chamber Ensemble (1) repeatable	
MUS 696	Music Workshop: Instrumental (1) repeatable	
TOTAL		20

Graduate Certificate in Digital Course Design and Delivery

Education, School of Health, Life Science & Educ

Certificate Code: GTE1

CIP: 130501

Cr Hrs

Required Courses		6
EDUC 645	Instructional Strategies	3
EDUC 630	Assessment of Student Learning	3
Choose one:		3
EDUC 622	Content Area Literacy	
EDUC 625	Advanced Content Area Literacy	
Choose one:		3
EDUC 605	Educational Technology	
EDUC 620	Learning Theories	
EDUC 640	Curriculum Construction	
TOTAL		12

Graduate Certificate in Teacher Leadership

Education, School of Health, Life Science & Educ

Certificate Code: GTE0

CIP: 130401

Cr Hrs

Required Course		3
EDUC 630	Assessment of Student Learning	3
Choose one:		3
EDUC 622	Content Area Literacy	
EDUC 625	Advanced Content Area Literacy	
Choose two:		6
EDUC 606	Visionary Leadership in K12 School Administration(3)	
EDUC 608	School Supervision & Managerial Leadership..(3)	
EDUC 624	Innovative Practices in K12 School Administration (3)	
EDUC 626	Relational Leadership in K12 School Administration (3)	
EDUC 631	Instructional Leadership in K12 School Administration (3)	
EDUC 634	Law, Ethics, and Policy in K12 School Administration (3)	
TOTAL		12