Bachelor of Arts 2024-25
Chemistry Major **Major Code CH01**
CIP Code: 400501 **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 151 or PHYS 160)	
Area 3B	Natural science With Lab (PHYS 160 or CHEM 151)	
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 151	General Chemistry I	5
CHEM 152	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.