

**Bachelor of Science 2024-25****Biology Major Phys/Occup Thpy****Major Codes BI05****CIP Code: 260101**

Cr Hrs

<b>General Education CORE 42 Requirements 42*</b>		<b>32</b>
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 110 or CHEM 151)	
Area 3B	Natural science With Lab (PHYS 160 or BIO 110 or CHEM 151)	
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
<b>UE 100</b>	<b>University Experience**</b>	<b>1</b>
<b>Biology Requirements</b>		<b>35</b>
BIO 110	Principles of Biology I	4
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		
BIO 389	Fundamentals of Experimental Design & Stats (3)	
OR		
PAY 320	Applied Statistics for the Behavioral Sciences (3)	
BIO 400	Biology Capstone	1
<b>BIO</b>	<b>Electives</b> see below for options (200 level or above)	<b>9</b>
<b>Supporting Requirements</b>		<b>33</b>
MATH 130	College Algebra	3
MATH 135	Trigonometry	3
CHEM 151	General Chemistry I	5
CHEM 152	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
<b>Electives</b>		<b>19</b>
<b>Total Hours</b>	Must include at 39 upper division (300-400) hrs	<b>120</b>

\*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