

**B.S. BIOLOGY DEGREE REQUIREMENTS (2021-2022)**  
**Licensure in Grades 6-12 Concentration**

Student Name: \_\_\_\_\_

Mentor: \_\_\_\_\_

**GENERAL EDUCATION CORE REQUIREMENTS**

Course	Credit Hrs.	Term Taken	Grade
<b>First Year Experience</b> FYE 101 .....	1	_____	_____
EDU 101 (FYE 102 substitute).....	2	_____	_____
<b>English</b> ENG 101/101E* .....	3	_____	_____
ENG 102/103* .....	3	_____	_____
<b>Literature</b> ENG 201, 202, 203, 204, 205, or 206.....	3	_____	_____
<b>History</b> HIS 111, 112, 201 or 202 .....	3	_____	_____
<b>Religion/Philosophy</b>			
REL 101, 102, 201, or 241 .....	3	_____	_____
<b>Fine Arts</b> (3 hours selected from ART 121, ART 131, ART 143, ART 211, ART 251, MUS 231, MUS 233, MUS 235, MUS 236, or ENG/DRA 131)			
_____ .....	3	_____	_____
<b>Additional Humanities</b> (Choose an additional course from the Literature, History, Religion/Philosophy, or Fine Arts choices)			
_____ .....	3	_____	_____
<b>Speech</b> ENG/COMM 221* .....	3	_____	_____
<b>Math</b> MAT 141 or 231* .....	3-5	_____	_____
<b>Natural Science</b>			
CHE 111 .....	4	_____	_____
CHE 112 .....	4	_____	_____
<b>Physical Education</b> (any activity course)			
HPPE _____ .....	1	_____	_____
<b>Social Sciences</b>			
PSY 113 .....	3	_____	_____
 <b><i>For B.S. Degree – Computer Literacy</i></b>			
MIS 110, 220, or CS 110 .....	3	_____	_____

\* Division of Education requires a grade of “B” or higher in ENG 101/101E, ENG 102, and COMM/ENG 221.

\* Division of Education requires a grade of “C” or higher in the appropriate math course listed for this program.

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<b>Courses</b>	<b>Credit Hrs.</b>	<b>Term Taken</b>	<b>Grade</b>
<b>Additional Required Courses</b> .....	<b><u>3</u></b>		
PSY 211    Developmental Psychology - Lifespan .....	3	_____	_____
<b>Major Field of Study</b> .....	<b><u>26**</u></b>		
BIO 111/115 General Biology I.....	4	_____	_____
BIO 112/116 General Biology II .....	4	_____	_____
BIO 301    Genetics.....	4	_____	_____
BIO 310    Biology Seminar.....	2	_____	_____
BIO 331    Cell Biology .....	4	_____	_____
BIO 341    Ecology .....	4	_____	_____
BIO 361    Biology of Microorganisms .....	4	_____	_____
<b>Biology Electives (choose from the following)</b> .....	<b><u>8</u></b>		
BIO 201    Human Anatomy & Physiology I .....	4	_____	_____
BIO 202    Human Anatomy & Physiology II .....	4	_____	_____
BIO 261    Microbiology.....	4	_____	_____
BIO 312    Topics in Biology.....	3	_____	_____
BIO 313    Topics in Biology Lab.....	1	_____	_____
BIO 317    Marine Biology .....	4	_____	_____
BIO 318    Conservation Biology .....	4	_____	_____
BIO 350    Botanical Diversity.....	3	_____	_____
BIO 399    Bioethics.....	3	_____	_____
BIO 411    Immunology .....	3	_____	_____
BIO 426    Vertebrate Development .....	4	_____	_____
BIO 440    Invertebrate Zoology .....	4	_____	_____
BIO 441    Vertebrate Zoology .....	4	_____	_____
BIO 442    General Ichthyology .....	4	_____	_____
PSY 424    Neuropsychology .....	3	_____	_____
<b>Professional Education Courses</b> .....	<b><u>36**</u></b>		
EDU 308    Psychology of Learning & Cognition.....	3	_____	_____
EDU 315    Exceptional Child .....	3	_____	_____
EDU 331    Educational Assessment.....	4	_____	_____
EDU 342    Classroom Management.....	3	_____	_____
EDU 360    Multicultural Education .....	3	_____	_____
EDU 410    Technology in Education .....	2	_____	_____
EDU 415    Teaching Reading in Grades 6-12.....	3	_____	_____
EDU 425    Strategies for Teaching Grades 6-12.....	3	_____	_____
EDU 456    Clinical Practice in Grades 6-12 .....	11	_____	_____
EDU 457    Clinical Practice Seminar 6-12.....	1	_____	_____
<b>Elective Courses*</b> .....	<b><u>0-2</u></b>		
_____ .....	_____	_____	_____
_____ .....	_____	_____	_____
<b>Total Hours Required for Degree</b> .....	<b><u>120</u></b>		

\* Grade must be a “B” or higher.

\*\* Grade must be a “C” or higher in all major and professional education courses.

**Note:** No education courses beyond EDU 101 can be taken until a person is admitted into the Teacher Education Program. Exceptions are EDU 308 and EDU 360, which are cross listed.