

# B.A./B.S. SCIENCE EDUCATION WITH ENDORSEMENT in BIOLOGY 6-12 DEGREE REQUIREMENTS (2019-2020)

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

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

## GENERAL EDUCATION CORE REQUIREMENTS

Course	Credit Hrs.	Term Taken	Grade
<b>First Year Experience</b> FYE 101.....	1	_____	_____
<b>English</b> ENG 101/101E*.....	3	_____	_____
ENG 102/103*.....	3	_____	_____
<b>Literature</b>			
ENG _____.....	3	_____	_____
<b>Speech</b> ENG/COMM 221*.....	3	_____	_____
<b>Humanities, Writing, or Speech</b>			
_____.....	3	_____	_____
<b>Computer Literacy</b> MIS 110 or 220.....	3	_____	_____
<b>Religion/Philosophy</b>			
REL 101 or 102.....	3	_____	_____
REL 101, 102, 201, 241, or 251.....	3	_____	_____
<b>History</b> (6 sequential hours 111-112 or 201-202)			
HIS 111 or 201.....	3	_____	_____
HIS 112 or 202.....	3	_____	_____
<b>Math</b> MAT 141.....	5	_____	_____
<b>Natural Science</b>			
PHY 101.....	4	_____	_____
PHY 102.....	4	_____	_____
<b>Fine Arts</b> (3 hours selected from ART 121, ART 131, ART 143, ART 251, ART 211, MUS 231, MUS 233, MUS 235, MUS 236, or ENG/DRA 131)			
_____.....	3	_____	_____
<b>Physical Education</b> (any activity course)			
HPPE _____.....	1	_____	_____
<b>Social Sciences</b>			
PSY 113.....	3	_____	_____
<b><i>Satisfies B.S. Degree Requirement - Required Social Science</i></b>			
PSY 211.....	3	_____	_____
 <b><i>For B.A. Degree ONLY – Additional Intermediate Foreign Language</i></b>			
FLG 2_____.....	3	_____	_____
FLG 2_____.....	3	_____	_____

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

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DEGREE REQUIREMENTS (2019-2020)**

<b>Courses</b>	<b>Credit Hrs.</b>	<b>Term Taken</b>	<b>Grade</b>
<b>Additional General Courses (Also counts as general elective hours)...</b>	<u><b>10</b></u>		
EDU 101 Education as a Profession .....	2*	_____	_____
CHE 111 General Chemistry I.....	4	_____	_____
CHE 112 General Chemistry II.....	4	_____	_____
<b>Major Field of Study.....</b>	<u><b>32**</b></u>		
BIO 111/115 General Biology I.....	4	_____	_____
BIO 112/116 General Biology II.....	4	_____	_____
BIO 201 Human Anatomy & Physiology I .....	4	_____	_____
BIO 202 Human Anatomy & Physiology II.....	4	_____	_____
BIO 301 Genetics .....	4	_____	_____
BIO 341 Ecology.....	4	_____	_____
<b>Biology Electives (choose from the following).....</b>	<u><b>8</b></u>		
BIO 261 Microbiology .....	4	_____	_____
BIO 310 Biology Seminar .....	2	_____	_____
BIO 312 Topics in Biology.....	3	_____	_____
BIO 313 Topics in Biology Lab.....	1	_____	_____
BIO 317 Marine Biology .....	4	_____	_____
BIO 318 Conservation Biology .....	4	_____	_____
BIO 321 Parasitology .....	3	_____	_____
BIO 322 Parasitology Laboratory .....	1	_____	_____
BIO 331 Cell Biology.....	4	_____	_____
BIO 350 Botanical Diversity .....	3	_____	_____
BIO 399 Bioethics.....	3	_____	_____
BIO 411 Immunology.....	3	_____	_____
BIO 426 Embryology .....	4	_____	_____
BIO 440 Invertebrate Zoology.....	4	_____	_____
BIO 441 Vertebrate Zoology .....	4	_____	_____
CHE 411 Biochemistry.....	3	_____	_____
PSY 424 Neuropsychology .....	3	_____	_____
<b>Professional Education Courses .....</b>	<u><b>34**</b></u>		
EDU 308 Psychology of Learning & Cognition .....	3	_____	_____
EDU 315 Exceptional Child.....	3	_____	_____
EDU 331 Educational Assessment .....	3	_____	_____
EDU 342 Classroom Management .....	3	_____	_____
EDU 360 Multicultural Education.....	3	_____	_____
EDU 410 Technology in Education.....	3	_____	_____
EDU 415 Teaching Reading in Grades 6-12 .....	2	_____	_____
EDU 425 Strategies for Teaching Grades 6-12 .....	2	_____	_____
EDU 456 Clinical Practice in Grades 6-12.....	11	_____	_____
EDU 457 Clinical Practice Seminar 6-12 .....	1	_____	_____
<b>Total Hours Required for Degree.....</b>	<u><b>127 -130</b></u>		

\* 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.