

B.A./B.S. SCIENCE EDUCATION WITH ENDORSEMENT in BIOLOGY 6-12 DEGREE REQUIREMENTS (2020-2021)

Student Name: _____

Mentor: _____

GENERAL EDUCATION CORE REQUIREMENTS

Course	Credit Hrs.	Term Taken	Grade
First Year Experience FYE 101	1	_____	_____
English ENG 101/101E*	3	_____	_____
ENG 102/103*	3	_____	_____
Literature			
ENG _____	3	_____	_____
Speech ENG/COMM 221*	3	_____	_____
Humanities, Writing, or Speech			
_____	3	_____	_____
Computer Literacy MIS 110 or 220	3	_____	_____
Religion/Philosophy			
REL <u>101</u> or <u>102</u>	3	_____	_____
REL <u>101, 102, 201, 241, or 251</u>	3	_____	_____
History (6 sequential hours 111-112 or 201-202)			
HIS <u>111</u> or <u>201</u>	3	_____	_____
HIS <u>112</u> or <u>202</u>	3	_____	_____
Math MAT 141	5	_____	_____
Natural Science			
PHY 101	4	_____	_____
PHY 102	4	_____	_____
Fine Arts (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	_____	_____
Physical Education (any activity course)			
HPPE _____	1	_____	_____
Social Sciences			
PSY 113.....	3	_____	_____
<u>Satisfies B.S. Degree Requirement - Required Social Science</u>			
PSY 211.....	3	_____	_____
 <u>For B.A. Degree ONLY</u> – Additional Intermediate Foreign Language			
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.
 * Division of Education requires a grade of “C” or higher in the appropriate math course listed for this program.

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Courses	Credit Hrs.	Term Taken	Grade
Additional General Courses (Also counts as general elective hours) ...	<u>10</u>		
EDU 101 Education as a Profession	2*	_____	_____
CHE 111 General Chemistry I.....	4	_____	_____
CHE 112 General Chemistry II.....	4	_____	_____
Major Field of Study.....	<u>32**</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	_____	_____
Biology Electives (choose from the following).....	<u>8</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	_____	_____
Professional Education Courses	<u>34**</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	_____	_____
Total Hours Required for Degree.....	<u>127 -130</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.