

2011 - 2013

Secondary Education Biology

Code: 2112

Bachelor of Science

Freshman Year

BIOL	110	Fundamentals of Biology I	3	BIOL	111	Fundamentals of Biology II	3
BIOL	112	Fundamentals of Biology I Lab	1	BIOL	113	Fundamentals Biology II Lab	1
EDCI	100	Orientation to Teacher Edu	3	EDFL	201	Teaching, Learning, Growth	3
EDFL	106	Introduction to Education	3	ENGL	102	Writing/Research Culture	3
ENGL	101	Intro. to Academic Writing	3	HIST	221/222	United States to/from 1877	3
MATH	105	College of Algebra	3	MATH		Elective ¹	3
			<u>16</u>	UNIV	200	Information Literacy	<u>2</u>
							18

Sophomore Year

BIOL	261	General Microbiology	3	BIOL	212	Cell and Molecular Biology	4
BIOL	264	Microbiology Lab	1	BIOL	220	Human Anat. & Physiology	3
ENGL		Literature Elective	3	BIOL	221	Anatomy & Physiology Lab	1
SPED	391	Foundations Inclusive Educ.	3	CMCN	310	Public Speaking	3
Elective ³	BHSC		3	PSYC	312	Adolescent Psychology	3
Elective ⁴			3	Elective ²		Science	3
			<u>16</u>				<u>17</u>

Junior Year

BIOL	224	Genetics and Evolution	4	EDCI	427	Teaching in Diverse Society	3
EDCI	450	Classrm Mgmt/Instr Design	3	EDFL	456	Classroom Assessment	3
READ	410	Reading in the Content Area	3	IREC	320	Technology in Classroom	3
Elective ⁴			4	Elective ⁵		BIOLOGY	4
			<u>14</u>	Elective		Arts and Humanities	3
							<u>16</u>

Senior Year

EDCI	453	Sec Sch Science Methods	3	EDCI	479	Student Teaching Secondary	9
EDCI	469	Adv Field Experience Sec.	1				<u>9</u>
IREC	330	Technology & Science	1				
BIOL	410	Individual Project	3				
THEA	300	Activities in Dramatics	3				
Elective ⁴			3				
			<u>14</u>				

Total: 120

- 1 MATH 201, 206, 210 or STAT 214
- 2 3 credit science class in Chemistry; Geology or Physics. Credit cannot be given for both GEOL 105 and GEOL 225.
- 3 Behavioral Science elective chosen from ANTH, CJUS, ECON, GEOG, POLS, PSYC or SOCI
- 4 Additional courses at the 3xx/4xx in certification focus area or coursework in one other subject area leading to an "add-on" endorsement in another area when 30 credits or more are earned.
- 5 BIOL 318, 334, or 360 or BIOL 333 (Each is a four-credit class)

Praxis Exam Requirements: Students must pass the Praxis I PPST exams (Reading, Writing, Math) or submit an ACT composite score of 22 or higher. Students must also pass the required Praxis content exam(s) in Biology (0235) and the PLT exam 0524 prior to Student Teaching.