

2009 - 2011

**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 Biology Lab I	1	BIOL 113	Fundamentals Biology Lab II	1
CHEM 101	Intro. to Chemistry	3	EDFL 106	Introduction to Education	3
EDCI 100	Orientation to Teacher Educ.	3	ENGL 102	Writing/Research Culture	3
ENGL 101	Intro. to Academic Writing	3	MATH 210	Practical Mathematics ¹	3
MATH 105	College Algebra ¹	3	Elective	(Secondary Teaching Area) ²	3
		<u>16</u>			<u>16</u>

Sophomore Year

BIOL 212	Cell and Molecular Biology	4	BIOL 224	Genetics & Evolution	4
EDFL 201	Tchg, Learning, Growth	3	BIOL 220	Human Anat. & Physiology	3
HIST 221	US to 1877	3	BIOL 221	Anatomy & Phys. Lab	1
AHBS	Elective ³	3	THEA 300	Activities in Dramatics	3
Elective	(Secondary Teaching Area) ²	4	BHSC	Elective ⁴	3
		<u>17</u>	Elective	(Secondary Teaching Area) ²	3
					<u>17</u>

Junior Year

BIOL 261	General Microbiology	3	CMCN 310	Public Speaking	3
BIOL 264	General Microbiology Lab	1	EDCI 427	Teaching Diverse Society	3
PSYC 312	Adolescent Psychology	3	EDCI 450	Classroom Mgmt/Secondary	3
IREC 320	Technology in the Classrm.	3	EDFL 456	Classroom Assessment	3
SPED 300	Survey of Except. Child	3	Elective	(Secondary Teaching Area) ²	3
Elective	(Secondary Teaching Area) ²	3			<u>15</u>
		<u>16</u>			

Senior Year

BIOL 410	Individual Project	3	EDCI 479	Student Teaching Sec Sch	9
EDCI 453	Sec. Sch. Science Methods	3	Elective (ENGL or LANG Literature)		3
EDCI 469	Adv. Field Experience Sec.	1			<u>12</u>
IREC 330	Integrating Tech. in Class	1			
READ 410	Cont. Lit. Second/Middle	3			
Elective	Biology ⁵	4			
Elective	(Secondary Teaching Area) ²	3			
		<u>18</u>			

Total: 127

- 1 Students selecting Mathematics as the Secondary Teaching Field take MATH 270 and 301 to fulfill Secondary Teaching Area electives.
- 2 Secondary Teaching Areas require a minimum of 19 credit hours.
- 3 Arts or Humanities elective in consultation with academic advisor.
- 4 Choose from ANTH, CJUS, ECON, GEOG, POLS, PSYC, or SOCI
- 5 BIOL 318, 334, or 360, or BIOL 333 (4) and 410 (1)