

2009 - 2011

**Secondary Education
General Science***

Code: 2316

Bachelor of Science

Freshman Year

BIOL 110	Fundamentals of Biology I	3
BIOL 112	Fund. Of Biology I Lab	1
EDCI 100	Orientation to Teacher Educ.	3
ENGL 101	Intro. to Academic Writing	3
MATH 105	College Algebra ¹	3
Elective (Secondary Teaching Area) ²		<u>3</u>
		16

BIOL 111	Fundamentals of Biology II	3
BIOL 113	Fund. Of Biology II Lab	1
EDFL 106	Introduction to Education	3
ENGL 102	Writing/Research Culture	3
MATH 210	Practical Mathematics ¹	3
Elective (Secondary Teaching Area) ²		<u>3</u>
		16

Sophomore Year

AHBS	Elective	3
BHSC	Elective ³	3
CHEM 101	Survey of Chemistry I	3
EDFL 201	Teaching, Learning, Growth	3
HIST 221	United States to 1877	3
Elective (Secondary Teaching Area) ²		<u>3</u>
		18

CHEM 102	Survey of Chemistry II	3
CHEM 112	Introduction Chemistry Lab II	1
SPED 300	Exceptional Child	3
PSYC 312	Adolescent Psychology	3
THEA 300	Activities in Dramatics	3
Elective (Secondary Teaching Area) ²		<u>3</u>
		16

Junior Year

GEOL 111	Physical Geology	4
IREL 320	Technology in Classroom	3
PHYS 207	Introduction to Physics I	3
RRES 100	Env & Agr Sustainable I	3
Elective (Secondary Teaching Area) ²		<u>4</u>
		17

EDCI 450	Class Mgmt/Instr Design	3
EDFL 456	Classroom Assessment	3
GEOL 112	Historical Geology	4
PHYS 208	Introduction to Physics II	3
PHYS 215	Physics Lab I	1
Elective (Secondary Teaching Area) ²		<u>3</u>
		17

Senior Year

CMCN 310	Public Speaking	3
EDCI 427	Teaching in Diverse Society	3
EDCI 453	Sec Sch Science Methods	3
EDCI 469	Adv Field Experience Sec	1
IREL 330	Integrating Tech. in Science	1
PHYS 216	Physics Lab II	1
READ 410	Teach Content Literacy	<u>3</u>
		15

EDCI 479	Student Teaching Secondary	9
Elective (ENGL or LANG Literature)		<u>3</u>
		12

Total: 127

NOTES:

* A minimum of 7 hours of electives (Humanities, BHSC, and Secondary Teaching area) must be at the 300 level or above.

1 Students selecting **Mathematics** as the Secondary Teaching Field take MATH 270 and 301 and fulfill other Secondary Teaching Area elective requirements.

2* **Secondary Teaching Area: Select Biology, Chemistry, Geology, or Mathematics.** Since many of the science courses are already curriculum requirements, students need to take at least 8 credits of additional science courses in a second "Secondary Teaching Area."

3 Behavioral Science elective chosen from ANTH, CJUS, ECON, GEOG, POLS, PSYC, or SOCI.