

**BACHELOR OF SCIENCE
MAJOR IN SCIENCE
WITH GRADES 7 - 12 CERTIFICATION**

Following is one suggested four-year degree plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment; responsible for reviewing the **Program of Study Requirements**; and must meet **foreign language** and **writing intensive course** requirements for graduation. See Academic Regulations-Undergraduate online.

*See *Appendix A Core Curriculum and Optional Course Information*.

FALL	HOURS	SPRING	HOURS
FRESHMAN YEAR		FRESHMAN YEAR	
BIOL 1306 Principles of Biology I	3	BIOL Biology Elective ¹	4
BIOL 1106 Principles of Biology I Lab	1	CHEM 1412 General Chemistry II	4
CHEM 1311 General Chemistry I	3	EDCI 1102 Intro to Teaching Profession	1
CHEM 1111 General Chemistry I Lab	1	MATH 2412 Pre-Calculus	4
ENGL 1301 English Composition I	3	UNIV 1402 Signature Course	<u>4</u>
HIST 1301 The U.S. to 1877	3		
PSCI 2305 American National Govt	3		
UNIV 1101 Learning in a Global Context I	<u>1</u>		
Total	18		17
SOPHOMORE YEAR		SOPHOMORE YEAR	
CHEM 2423 Organic Chemistry I	4	EDCI 3224 Teaching in Diverse Settings ²	2
EDCI 2210 Foundations of Education	2	MATH 1342 Introductory Statistics	3
HIST 1302 The U.S. Since 1877	3	PHYS 1302 General Physics II	3
PHYS 1301 General Physics I	3	PHYS 1102 General Physics II Lab	1
PHYS 1101 General Physics I Lab	1	PSCI 2306 American State Govt	3
PSYC 2314 Lifespan Growth & Develop	<u>3</u>	ENGL 1302 English Composition II	<u>3</u>
Total	16		15
JUNIOR YEAR		JUNIOR YEAR	
BIOL 3413 Genetics	4	BIOL 3410 Ecology	4
EDCI 3301 Assessment for Instr Design	3	BIOL 3412 Cell Biology	4
EDCI 3302 Tchng English Lang Lrnrs	3	EDRD 3320 Content Reading	3
GEOL 1303 Physical Geology	3	Creative Arts*	<u>3</u>
GEOL 1103 Physical Geology Lab	1		
Language, Philosophy, & Culture*	<u>3</u>		
Total	17		14
SENIOR YEAR		SENIOR YEAR	
BIOL 3406 Evolution	4	EDCI 4693 Student Teaching ⁴	6
EDCI 3315 Eff Instr Diverse Populations	3	EDSE 4350 Incl Pract Exceptl Children	<u>3</u>
EDCI 4310 Engaging Learners	3		
Science Elective ³	<u>4</u>		
Total	14		9

TOTAL SEMESTER CREDIT HOURS: 120

¹Select 4 SCH from BIOL 1311/1111, 1413 or 2421.

²Students must apply for admission to the College of Education while enrolled in EDCI 3224. ³Select any 3000 or 4000 level course from BIOL, CHEM or GEOL.

⁴Students are admitted to student teaching only after passing the certification exam to teach secondary science.

*Actual degree plans may vary depending on availability of courses in a given semester.
Some courses may require prerequisites not listed.*