

Biology-Chemistry Education Major (Secondary Education)

Year 1

Fall	January	Spring
CHEM-111 General Chemistry I		CHEM-113 General Chemistry II
BIOL-106 Principles of Biology I		BIOL-108 Principles of Biology II
EDUC-111 Exploring Teach. & Learn.		EDUC-212 The Exceptional Learner
All necessary labs		All necessary labs

Year 2

Fall	January	Spring
CHEM-311 Organic Chemistry I		CHEM-312 Organic Chemistry II
PHYS-111 College Physics I or PHYS-210 General Physics I		PHYS-112 College Physics II or PHYS-220 General Physics II
EDUC-230 Educational Psychology		BIOL-229 Introduction to Molecular Biology
		EDUC-246 Educational Assessment
All necessary labs		All necessary labs

Year 3

Fall	January	Spring
CHEM-405 Biochemistry I (Lab) (BIOL-313 Microbiology)		BIOL-422 Advanced Human Physiology (CHEM-406 Biochemistry II)
EDUC-362 Literacy and English Learners		CHEM-235 Analytical Chemistry
		EDUC-343 Literacy in the Content Areas
		All necessary labs

Take admissions tests in spring or summer.

Year 4

Fall	January	Spring
BIOL-364 Comparative Vertebrate Anatomy	EDUC-440 Gen. Meth. Adolescent Learners	(BIOL-365 Cell Biology)
EDUC-353 Classroom Management & Conflict Resolution: Secondary Schools		EDUC-410 The Teacher in Today's School
		EDUC-475 High School Student Teaching
		EDUC-477 Jr High/Middle School Student Teaching
Necessary Lab		

Semester Hours

93-96 Biology-Chemistry Education Major

38 LARC

Electives

131-134

Biology-Chemistry Education

Courses

General Chemistry I and II	Exploring Teaching & Learning
Principles of Biology I and II	The Exceptional Learner
(Calculus I and II)	Educational Psychology
College or General Physics I and II	Educational Assessment
Organic Chemistry I and II	Literacy and English Learners
Analytical Chemistry	Literacy in the Content Areas
Introduction to Molecular Biology	Classroom Management & Conflict
Microbiology or Cell Biology	The Teacher in Today's School
Biochemistry I (and II)	General Methods for Adolescent Learners
Advanced Human Physiology	High School Student Teaching
Comparative Vertebrate Anatomy	Jr High/Middle School Student Teaching

General

- Research experiences both on campus and off
- Academic advising with faculty
- Academic science clubs
- Science seminar
- Mentors for shadowing experiences

After Graduation

- Acceptance rates to medical, dental, vet, and pharmacy schools are high.
- Admission to graduate programs for master and doctorate degrees in a wide variety of science fields.
- Employment with bachelor's degree.