

School of Education
General Long Term Plan – 9-12 Chemistry Education Major (even year)
130 hours

Note that this is a sample four-year plan. There are other course sequences that will allow a student to graduate within four years as long as prerequisite courses are taken in the proper sequence with an average of 16-18 hours enrolled per semester. This sample plan does not guarantee course availability, and adjustments to students' plans may be necessary if they are unable to take specific courses during specific semesters. Students who are placed into lower level Math, English, or other prerequisite courses will need to adjust their four-year plans accordingly. Similarly, students who bring in Advanced Placement, Dual Enrollment or transfer credit for courses will need to adjust their four-year plans.

First Year (Freshman) Fall Semester (even)

BI 111	Gen Biology: Cells & Genes	4
CH 135	Advanced Chemistry	4
ED 229	Develop & Educational Psych	3
FS 101	First Year Seminar	1
MA 120	College Algebra	3
	Total Semester Hours	15

First Year (Freshman) Spring Semester (odd)

BI 112	Gen Biology: Ecology & Evol	4
CH 137	Chemistry II	4
CO 110	Fund of Communication	3
ED 235	Psych of Except Child	3
EN 111	Composition I	3
	Total Semester Hours	17

Second Year (Sophomore) Fall Semester (odd)

CH 216	Organic Chemistry I	5
ED 184	Intro ED Tech	1
ED 185	Practicum	3
ED 313	Test Prep for Educators	1
EN 112	Composition II	3
PH 231	Physics I	5
	Total Semester Hours	18

Second Year (Soph) Spring Semester (even)

ED 245	Tests & Measurements	3
ED 366	Consult Collab Fam Eng	1
ED 322	Lang & Lit Global Context	3
EN	Core Literature	3
HI 203/204	American Experience I or II	3
NS 125	Intro Physical Science	4
	Total Semester Hours	17
Things student must complete by end semester		
Take / Pass MoGEA / Apply for Admit to SOE		

Third Year (Junior) Fall Semester (even)

CH 342	Bio-Chemistry I	3
CH 343	Bio-Chemistry I Lab	1
CH 350	Physical Chemistry	3
ED 287	Multi Found of ED	3
ED 314	Methods of ED Tech	1
ED 315	General Methods	3
PS 120	American National Government	3
	Total Semester Hours	17
Things student must complete by end semester		
Complete a graduation audit / FCE Mandatory Meeting		

Third Year (Junior) Spring Semester (odd)

BI 215	Humans & the Environment	3
EC 202	Microeconomics	3
ED 419	Manage Learn Environment	3
IS	IS Course	3
IS	IS Course	3
	Creativity & Culture Pillar	3
	Total Semester Hours	18
Things student must complete by end semester		
Apply FCE / Apply Graduation		

Fourth Year (Senior) Fall Semester (odd)

CH 321	Analytical Chemistry	4
ED 375	Reading in Content Areas	3
ED 381	Health & Safety	1
ED 455	Special Methods	2
IS 369	Reasoning, Hist & Soc Impl Sci	3
	Creativity & Culture Pillar	3
	Total Semester Hours	16
Things student must complete by end semester		
Attend FCE Mand Meet / Pass MoCA / Sub license		

Fourth Year (Senior) Spring Semester (even)

ED 494	FCE Seminar	2
ED 495	FCE	10
	Total Semester Hours	12
Things student must complete by end semester		
Certification Appointment		