

Plan of Study

Chemistry

Freshman Year First Semester

Credits	Course Number	Title
4	CHEM 11500	General Chemistry I
5	MA 16700	Plane Analytical Geometry and Calculus I
3	COM 11400	Fundamentals of Speech Communications
	-OR-	
3	COM 21200	Approaches to the Study of Interpersonal Communications
3	ENG 10100	Composition I
3		Modern Language I
18		

Second Semester

4	CHM 11600	General Chemistry II
5	MA 16900	Plane Analytical Geometry and Calculus II
3	ENGL 102	Composition II
3		Modern Language II
1	EDCI 10500	Introduction to Teaching Seminar
16		

Sophomore Year First Semester

Credits	Course Number	Title
4	CHM 26100/26300	Organic Chemistry I and Laboratory I
4	MA 26100	Multivariate Calculus
3	EDCI 20500	Exploring Teaching as a Career – S
3	EDCI 28600	Multiculturalism in Sec. Classrooms
4	PHYS 15200	Mechanics
18		

Second Semester

4	CHM 26200/26400	Organic Chemistry II and Laboratory II
3	EDST 20000	History and Philosophy of Education
3	EDCI 27200	Integrating Technology in the Classroom
3	Elective	Humanities / Social Science Elective
4-5	PHYS 25100	Heat, Electricity and Optics
	-OR-	
	PHYS 26100	Electricity and Optics

17-18

Chemistry contd.

Junior Year First Semester

Credits	Course Number	Title
4	CHM 32100	Analytical Chemistry
3	EDPS 30600	Adolescent and Young Adult Development
3	EDPS 30700	Classroom Climate – Secondary
3	CHM 333	Biochemistry
3	Elective	Social Science Elective
16		

Second Semester

4	CHM 37200	Physical Chemistry
3	EDPS 30800	Exceptional Learners – Secondary
3	EDCI 30900	Reading in Middle and Secondary Schools
3-4	Elective	Science Elective
13-14		

Senior Year First Semester

3-4	Elective	Science Elective
3	Elective	Social Science Elective
3	EDCI 34600	Strategies for Science Instruction in Middle and High School
3	CHM 37300 or 48100	Chemistry Elective
12-13		

Second Semester

16	EDCI 49500	Student Teaching
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126-129 Total Credit Hours