

Plan of Study

Physical Science

Freshman Year First Semester

Credits	Course Number	Title
4	CHM 11500	General Chemistry I
5	MA 16700	Plane Analytical Geometry and Calculus I
3	COM 11400	Fundamentals of Speech communication
	-OR-	
	COM 21200	Approaches to the Study of Interpersonal Communication
3	ENGL 10100	English Composition I
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15		

Second Semester

4	CHM 11600	General Chemistry II
5	MA 16900	Plane Analytical Geometry and Calculus II
3	ENGL 10200	Composition II
3		Modern Language I
1	EDCI 10500	Introduction to Teaching Seminar
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16		

Sophomore Year First Semester

Credits	Course Number	Title
3	EDCI 20500	Exploring Teaching as a Career
3	EDCI 28600	Multiculturalism Sec. Classrooms
3	Elective	Science Elective
3		Modern Language II
4	CHM 21100	Introduction to Organic and Biochemistry
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16		

Second Semester

4	CHM 32100	Analytical Chemistry
3	Elective	Social Science Elective
3	EDST 20000	History and Philosophy of Education
3	EDCI 27200	Integrating Technology in the Classroom
4	PHYS 15200	Mechanics
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17		

Physical Science Contd.

Junior Year First Semester

Credits	Course Number	Title
4-5	Phys 25100 -OR- PHYS 26100	Heat, Electricity, and Optics Electricity and Optics
3	EDPS 30600	Adolescent and Young Adult Development
3	EDPS 30700	Classroom Climate –Secondary
3	Elective	Social Science Elective
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13-14		

Second Semester

3	Elective	Science Elective
4	CHM 37200	Physical Chemistry
3	EDPS 30800	Exceptional Learners – Sec.
3	EDCI 30900	Reading in Middle and Secondary Schools
4	PHYS 34200/342L00	Modern Physics and Modern Physics Lab
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17		

Senior Year First Semester

Credits	Course Number	Title
3	Elective	Social Science Elective
3	CHM 48100	Environmental Chemistry
3	Elective	Science Elective
3	EDCI 34600	Strategies of Science Instruction in Middle and High School
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12		

Second Semester

16	EDCI 49500	Student Teaching in the Secondary School
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122-123 Total Credit Hours