

Degree Plan for Chemistry and Secondary Education (B.A.S.)

	Fall	Spring
First Year		
UNV101: University Seminar I (3 credits) & FYT100: First Year Transitions (1 credit)	X	
CHM113: General Chemistry I & Lab (4 credits)	X	
MTH195: Calculus I (4 credits)	X	
Core Course (3 credits)	X	
Core Course (3 credits)	X	X
UNV102: University Seminar II (3 credits)		X
CHM114: General Chemistry II & Lab (4 credits)		X
MTH196: Calculus II (4 credits)		X
EDC120: Introduction to Race and Inequity in American Education (3 credits)		X
Second Year		
SCD298: Secondary Field Experience in a Multicultural Society I (1 credit)	X	
CHM205: Organic Chemistry I & Lab (4 credits)	X	
PHY205: Principles of Physics I & Lab (4 credits)	X	
EDC220: Child and Adolescent Devel., Learning, and Teaching (4 credits)	X	
SCD212: Teaching Literacy in the Content Area (3 credits)	X	
CHM206: Organic Chemistry II & Lab (4 credits)		X
PHY206: Principles of Physics II & Lab (4 credits)		X
SED211: Intro. to the Char. of Students with Exceptionalities (3 credits)		X
SCD299: Secondary Field Experience in a Multicultural Society II (1 credit)		X
Core Course (3 credits)		X
Core Course (3 credits)		X
Third Year		
RTS225: Quest for the Ultimate (3 credits) <i>or</i> PHL225: Quest for the Good Life (3 credits) (<i>one each semester</i>)	X	X
CHM301: Analytical Chemistry (4 credits)	X	
CHM Elective (4 credits)	X	
SCD320: Curriculum, Instruction and Assessment in the Secondary School I (3 credits)	X	
SCD321: Practicum I for Curriculum, Instruction and Assessment in the Secondary School I (1 credits)	X	
Core Course (3 credits)	X	X
CHM408: Inorganic Chemistry (4 credits)		X
SCD323: Curriculum Instruction and Assessment in the Secondary School II (3 credits)		X
SCD322: Practicum II for Curriculum, Instruction and Assessment in Secondary School II (1 credits)		X
Core Course (3 credits)		X

Fourth Year		
CHM305: Physical Chemistry I (4 credits)	X	
CHM410: Topics in Chemistry and Research Capstone (3 credits)	X	
SCD440: Practicum in Secondary Education (3 credits)	X	
SCD410: Classroom Management (3 credits)	X	
Core Course (3 credits)	X	
SCD441: Secondary Student Teaching (12 credits)		X
SCD432: Student Teaching Seminar Capstone (1 credit)		X