

Fall Year 1	
Course and Title	Credits
ENG 101 College Writing II	3
MAT 102 Precalculus or elective if PR	3
CHE 111 Fundamental Principles of Chemistry I	4
Foreign Language 111	3
American History	3
Total Semester Credits	16

Spring Year 1	
Course and Title	Credits
MAT 224 Calculus I	4
Social Science	3
CHE 112 Fundamental Principles of Chemistry II	4
Foreign Language 112	3
Mat 104 Trigonometry	1
Total Semester Credits	15

Fall Year 2	
Course and Title	Credits
PHY 111 General Physics	4
MAT 225 Calculus II	4
CHE 112 Organic Chemistry I	4
EDU 280 Introduction to Adolescence Education	3
EDU 395 Adolescent Development	3
Total Semester Credits	18

Spring Year 2	
Course and Title	Credits
MAT 161/202/231/326	3-4
CHE 241 Organic Chemistry I	4
Ats/Humanities	3
PHY 112 General Physics II	4
Total Semester Credits	14-15

Fall Year 3	
Course and Title	Credits
CHE 324 Analytical Chemistry	5
Global Issues	3
CHE 391 Written and Oral Reports (AWR)	3
LIB 200 Critical Research Skills	1

Spring Year 3	
Course and Title	Credits
CHE 430 Inorganic Chemistry I	4
CHE 455 Physical Chemistry I	4
Elective	3
SCI 430 Science Teaching Methods 7-12	3

Elective	3
Total Semester Credits	15

Total Semester Credits	14

Fall Year 4	
Course and Title	Credits
CHE 456 Physical Chemistry II with Laboratory II	4
CHE 491 Chemistry Seminar 1	1
Elective	3
EDS 510 Introduction to Special Education	3
EDR 524 Literacy Instruction in the Content Area Grades 7-12	3
Total Semester Credits	14

Spring Year 4	
Course and Title	Credits
Elective	3
Elective	3
Elective	3
EDU 5150 Curriculum Design and Pedagogical Methods I: Grades 7-12	3
EDU 5130 Assessment in Education I: Theories & Conceptual Frameworks	3
Total Semester Credits	15

Fall Year 5	
Course and Title	Credits
EDU 5250 Curriculum Design and Pedagogical Methods II: Grades 7-12	3
EDU 5180 Assessment in Education II: Practical Applications	3
EDR 514 Multicultural Competencies & Literacy Instruction	3
EDU 580 Technology Foundations for Education	3
EDR 553 Teaching English Language Learners (ELLs)	3
Total Semester Credits	15

Spring Year 5	
Course and Title	Credits
EDT 594 Student Teaching	12
EDU 521 Analysis of Teaching Theory, Practice, Professionalism	3
Total Semester Credits	15

**Total Minimum Credits 150**

\* This represents an example of a suggested 4-year program pathway. Please consult DegreeWorks and your Advisor for your specific curriculum plan. Program pathways may change based on course availability.

