

## Bachelor of Science in Chemistry - 3+1 for CU PA

Course		Credits
<b>Freshman Fall Semester - Semester 1</b>		
ENGL 101	Composition & Rhetoric I	3
BIOL 121/L	Foundations of Biology I with Lab	4
CHEM 101/111	General Chemistry I with Lab	4
MATH 103	College Algebra	3
UNIV 100	CU Foundations	1
Total Credit Hours		15
<b>Freshman Spring Semester - Semester 2</b>		
ENGL 102	Composition & Rhetoric II	3
BIOL 122/L	Foundations of Biology II with Lab	4
CHEM 102/112	General Chemistry II with Lab	4
MATH 104	College Trigonometry	3
PSY 101	Psychology	3
Total Credit Hours		17
<b>Fall Semester - Semester 3</b>		
BIOL 335/L	Human Anatomy & Physiology I with Lab	4
CHEM 210	Chemical Laboratory Safety	1
PHSC 219	Laboratory Research Methods	1
CHEM 331	Organic Chemistry I	4
MATH 253	Calculus with Analytic Geometry I	4
	General Education (COMM 101 recommended)	3
Total Credit Hours		17
<b>Spring Semester - Semester 4</b>		
BIOL 336/L	Human Anatomy & Physiology II with Lab	4
PHYS 201	University Physics with Calculus, Part 1	4
CHEM 332/L	Organic Chemistry II with Lab	4
	General Education Course (SOWK 161 recommended)	3
PSY 221, 229, 377 or 422	Life Span Development, Health Psychology, Physiological Psychology or Introduction to Psychopathology	3

Total Credit Hours		18
<b>Fall Semester - Semester 5</b>		
CHEM 351/357	Analytical Chemistry with Lab	5
	General Education Course (PHIL 361 recommended)	3
	General Education Course	3
	General Education Course	3
BIOL 249	Medical Terminology	3
Total Credit Hours		17
<b>Spring Semester - Semester 6</b>		
BIOL 329	Microbiology	4
CHEM 341/347	Biochemistry and Lab	4
MATH 105	Elementary Statistics	3
	General Education Course	3
	General Education Course	3
Total Credit Hours		17
<b>TOTAL</b>		<b>101</b>
<b>*Matriculate into PA Program and earn BS degree in Chemistry after two semesters</b>		