

Requirements of the College of Science: A minimum of 128 credit hours is required for a Bachelor of Science (B.S.) or a Bachelor of Arts (B.A.) degree, of which 42 credit hours must be earned in 300- and/or 400-level courses.

General Education Requirements: All degree-seeking students are required to meet general education requirements. Students are responsible for ensuring that courses chosen satisfy these requirements and are encouraged to consult with their academic advisor. Introduction to University Life is required for all newly admitted freshmen (not required for transfer students).

Sample Course Schedule

B.S. in Chemistry ACS Certified Track

				Equivalent courses		
Year		Total ch		* Tri-C	* Lakeland	* Lorain
Year 1	Fall	CHM 261/266 General Chemistry I and lab	5	CHEM 1300/130L	CHEM 1500	CHMY 171
		MTH 181 Calculus I	4	MATH 1610	MATH 2500	MTHM 181
		ENG 101 College Writing I	4	ENG 1010	ENGL 1110 or 1111	ENGL 161
		ASC 101 Orientation	1			
		Elective	3			
		<u>17</u>	17			
Year 1	Spring	MTH 182 Calculus II	4	MATH 1620	MATH 2600	MTHM 182
		CHM 262/267 General Chemistry II, and lab	5	CHEM 1310/131L	CHEM 1600	CHMY 172
		ENG 102 College Writing II	3	ENG 1020	ENGL 1120	ENGL 162
		Elective	3			
			<u>15</u>	15		
Year 2	Fall	MTH 281 Multivariable Calculus	4	MATH 2310	MATH 2700	MTHM 281
		PHY 241 University Physics I	5	PHYS 2310	PHYS 2410	PHYC 251
		CHM 331/336 Organic Chemistry I, and lab	6	CHEM 2300	CHEM 2500	CHMY 271
			<u>15</u>	15		
			15	47		
Year 2	Spring	CHM 332/337 or 338 Organic Chemistry II, and lab	6	CHEM 2310	CHEM 2600	CHMY 272
		CHM 401 Chemical Information	2			
		PHY 242 University Physics II	5	PHYS 2320	PHYS 2420	PHYC 252
		Elective	3			
			<u>16</u>	16		
		16	63			
Year 3	Fall	CHM 311/316 Analytical Chemistry, and lab	6			
		CHM 321 Physical Chemistry I	4			
		CHM 402 Biochemistry	3			
		Elective	3			
			<u>16</u>	16		
		16	79			
Year 3	Spring	CHM 322 Physical Chemistry II	4			
		CHM 411/416 Instrumental Analysis lab, and lab	7			
		CHM Advanced Organic Chemistry	2			
		Elective	4			
			<u>17</u>	17		
		17	96			
Year 4	Fall	CHM 426 Physical Chemistry lab I	3			
		CHM 441/446 Inorganic Chemistry, and lab	6			
		CHM 471 Faculty Colloquium	1			
		Elective	3			
		Elective	3			
		<u>16</u>	16			
		16	112			
Year 4	Spring	CHM 427 Physical Chemistry lab II	3			
		CHM 489 Senior Research	3			
		CHM 472 Student Colloquium	1			
		Elective	3			
		Elective	3			
		Elective	3			
		<u>16</u>	16			
		16	128			

*All equivalent community college course work must be completed before transferring to CSU. Talk to your advisor for further details.