

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 Biology
Equivalent courses**

		Total ch	* Tri-C	* Lakeland	* Lorain
Year 1 Fall	BIO 200/201 Intro. Bio. and lab	4	BIO 1500	BIO 1510	BIOG 161
	CHM 261/266 Gen. Chem I and lab	5	CHEM 1300/130L	CHEM 1500	CHMY 171
	ASC 100 Orientation	1			
	ENG 101 College Writing I	4	ENG 1010	ENGL 1110 or 1111	ENGL 161
	Gen Ed (Social Science)	<u>3</u>			
		17			17
Spring	BIO 202/203 Intro. Bio. II and lab	4	BIO 1510	BIO 1520	BIOG 162
	CHM 262/267 Gen. Chem II and lab	5	CHEM 1310/131L	CHEM 1600	CHMY 172
	ENG 102 College Writing II	4	ENG 1020	ENGL 1120	ENGL 162
	Gen Ed (Arts & Human.)	<u>3</u>			
		16			33
Year 2 Fall	BIO 300/301 Plant Biology and lab	4			
	BIO 302/303 Animal Biology and lab	4			
	Gen Ed (Social Science)	4	CHEM 2300	CHEM 2500	CHMY 271
	MTH 181 Calculus I	<u>4</u>	MATH 1610	MATH 2500	MTHM 181
		16			49
Spring	BIO 306 Biochemistry and Molecular Biology	4			
	BIO 310/311 Genetics and Recitation	4			
	CHM 331/336 Organic Chem and lab	6	CHEM 2300	CHEM 2500	CHMY 271
	Gen Ed (Arts & Humanity)	<u>3</u>			
		17			66
Year 3 Fall	BIO 304/305 Population Biology, Evolution and lab	4			
	BIO 308/309 Cell Biology and lab	4			
	PHY 221 College Physics I	5	PHY 1210 or 2310	PHYS 1610	PHYC 151
	Gen Ed (Social Diversity)	<u>3</u>			
		16			82
Spring	Technical elective	4			
	Technical elective	4			
	PHY 222 College Physics II	5	PHY 1220 or 2320	PHY 1620	PHYC 152
	Gen Ed (Social Diversity)	<u>3</u>			
		16			98
Year 4 Fall	Technical elective	4			
	Elective	4			
	Elective	4			
	Gen Ed (Social Science)	<u>3</u>			
		15			113
Spring	BIO 495/499 Seminar /Exit Evaluation	1			
	Elective	4			
	Elective	4			
	Elective	3			
	Elective	<u>3</u>			
		15			128

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