

Sample Course Sequence:

Biochemistry Major Biology Minor

Year	Fall			Spring		
Freshman	CHM 103	<i>General Chemistry I</i> *	5	CHM 104	General Chemistry II *	5
	MTH 207	<i>Calculus I</i>	5	MTH 208	Calculus II ‡	4
	BIO 105	General Biology *	4	MIC 230	Fundamentals of Microbiology *	4
	ENG 110	<i>College Writing I</i>	3	CST 110	<i>Speech</i>	3
			17			16
Sophomore	CHM 303	Organic Chemistry I	3	CHM 304	Organic Chemistry II	3
	CHM 301	Analytical Chemistry *	5	CHM 305	Organic Chemistry Lab *	2
	BIO 306	Genetics *	4	BIO 315	Cell Biology *	4
		<i>General Ed. Elective</i>	3		<i>General Ed. Elective</i>	3
			15		<i>General Ed. Elective</i>	3
						15
Junior	CHM 417	Biochemistry I *	3	CHM 418	Biochemistry II *	3
	PHY 203	Physics I *	4	PHY 204	Physics II *	4
	BIO 204	Plant Biology *	4	BIO 210	Animal Biology *	4
		<i>General Ed. Elective</i>	3		<i>General Ed. Elective</i>	3
			14			14
Senior	BIO 435	Molecular Biology	3	CHM 407	Biophysical Chemistry ‡	2
	BIO 436	Molecular Biology Lab *	1	XXX	Biochemistry Elective §	3
	XXX	Elective §	3	XXX	Elective §	3
	CHM 499	Research and Seminar *‡	2		<i>General Ed. Elective</i>	3
		<i>General Ed. Elective</i>	3		<i>General Ed. Elective</i>	3
			3			3
			15			14

* Courses with a laboratory component.

‡‡ MTH 250 may be substituted for Calculus II, and CHM 309 may be substituted for CHM 407.

‡ Research in chemistry/biochemistry is not required, but is strongly recommended. Students are encouraged to enroll for more than one semester of research if possible, but only 2 credits may count towards the major. If CHM 499 is not taken, an additional 2 credits of electives in selected CHM, BIO and/or MIC courses must be taken to complete the major.

§ Credits needed to fulfill UW-L graduation requirement. An elective in Chemistry or Math is strongly Recommended.

Courses in *italics* (or **bold italics**) represent General Education courses (48 credits required).

Courses in **bold** represent courses that satisfy the Biology Minor (22 credits).