

Sample Course Sequence:

ACS Chemistry Major Computational Science Minor

Year	Fall	Spring		
Freshman	CHM 103 General Chemistry I *	5	CHM 104 General Chemistry II *	5
	MTH 207 Calculus I	5	MTH 208 Calculus II	4
	ENG 110 <i>College Writing I</i>	3	CST 110 <i>Speech</i>	3
	<i>General Ed. Elective</i>	3	<i>General Ed. Elective</i>	3
	16	15		
Sophomore	CHM 303 Organic Chemistry I	3	CHM 304 Organic Chemistry II	3
	CHM 301 Analytical Chemistry *	5	CHM 305 Organic Chemistry Lab *	2
	MTH 309 Calculus III	4	C-S 120 Software Design I	3
	PHY 203 General Physics I *	4	PHY 204 General Physics II *	4
	<i>General Ed. Elective</i>	16	<i>General Ed. Elective</i>	3
		15		
Junior	CHM 309 Physical Chemistry I	3	CHM 310 Physical Chemistry II	3
	CHM 441 Instrumental Analysis *	4	CHM 405 Advanced Synthesis *	3
	C-S 220 Software Design II	3	CMP 390 Survey Comp. Science	3
	<i>General Ed. Elective</i>	3	<i>General Ed. Elective</i>	3
	<i>General Ed. Elective</i>	3	<i>General Ed. Elective</i>	3
	16	15		
Senior	CHM 313 Physical Chemistry Lab *	2	CHM 325 Survey of Biochemistry *	4
	CHM 431 Inorganic Chemistry	3	CHM xxx Chemistry Elective	3
	CMP 490 Comp. Sci. Project	3	CHM 471 Capstone in Chemistry	1
	CHM 499 Research and Seminar *‡	2	CHM 499 Research and Seminar *‡	2
	<i>General Ed. Elective</i>	3	<i>General Ed. Elective</i>	3
	13	16		

* Courses with a laboratory component.

‡ Research in chemistry is not required, but is strongly recommended. Students are encouraged to enroll for two semesters of research if possible. If CHM 499 is not chosen, an additional 1 credit must be taken to fulfill the UW-L graduation requirement of 120 credits.

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

- SAH 105 Health, Wellness and Disease (3) *satisfies IIG: Health and Physical Well-Being*
- MTH 250 Engineering Statistics (3) *general elective*

Courses in **bold** represent courses that satisfy the Computational Science Minor (39 credits).