

Suggested Course Sequence for Bachelor of Science in Chemistry American Chemical Society Certified

Year	Fall	Credits	Spring	Credits
1	Logic 28-270 (Humanities 1)	3	Comp 1 20-101	3
	Math 53-113/125	3	Math 53-125/126	3
	Chem. Sci. I 52- 115	4	Chem. Sci. II 52-116	4
	University Seminar 09-100	1	Humanities - 2	3
	Social Science -1 (Diversity)	3	Communication	3
		14		16
2	Organic I 52-231	4	Organic II 52-232	4
	Math 53-126/225	3	Math 53-225 or elective	3
	Physics I 54-211	4	Physics II 54-212	4
	Technical Writing 09-231	3	Inorganic Chemistry 52-251	3
	Social Science - 2	3	Intro to Scientific Lit 52-281	1
		17		15
3	Physical Chem. I 52-361	4	Physical-Chem. II 52-362	4
	Analytical Chem. I 52- 321	3	Instrum. Ana. Chem. 52-322	4
	Humanities - 2 (Diversity)	3	Humanities - 3	3
	Social Science - 3	3	Social Science - 4	3
	Fitness - 1	1		
		14		14
4	Advanced Inorganic 52- 452	4	Advanced course **	3
	Intro. to Research 52- 492	3	Chemical research 52- 493	3
	Values/Eth/Resp	3	Biochemistry I 52-341	4
	Elective	3	Elective	3
	Fitness - 2	1	Humanities - 4	3
	Elective	1		
		15		16

Total credits = 121

*** 120 total excluding Seminar**

** Any 300 or 400-level course in chemistry other than research.

Humanity, Social Sciences, Communication, Values/Eth/Resp, and electives may be interchanged with respect to when taken.

All students must take the following:

12 credits	Humanities & the Arts
12 credits	Social & Behavioral Sciences
12 credits	Natural Sciences & Mathematics
Chemistry majors will fulfill the 12 credit Science & Math requirement and do not need to take any extra credits in this area unless they choose to as an elective	
2 credits	Fitness & Recreational Skills
9 credits	Communication
3 credits	Quantitative Reasoning (Calc 1 applies to this)
3 credits	Values, Ethics & Responsible Decision Making