

Year 1	Fall Semester		Freshman:	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
ENG 101	Composition I (Core 1)	3	EVS 276	Environmental Sci. Seminar	1
CHEM 103	General Chem (fa only, Core 2)	4	ENG 102	Composition II (Core 5)	3
MATH 205	The Calculus I (fa only, Core 3)	5	CHEM 104	General Chem (sp only, Core 6)	4
CORE/CCI*	Inst. Requirement (Core 4)	3	MATH 206	The Calculus II (sp only)	5
			CORE/CCI*	Inst. Requirement (Core 7)	3
	Total	15		Total	16

Year 2	Fall Semester		Year 2	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
CHEM 307	Organic Chem I (fa only)	3	CHEM 308	Organic Chem II (sp only)	3
CHEM 307L	Organic Chem I Lab (fa only)	1	CHEM 308L	Organic Chem II Lab (sp only)	1
PHYS 205	University Physics (fa only)	5	PHYS 206	University Physics (sp only)	5
BIO 201	Molec./Cellular Basis of Life	4	BIO 202	Organisms, Adap. & Divers.	4
CORE	Inst. Requirement (Core 8)	3	CORE	Inst. Requirement (Core 9)	3
	Total	16		Total	16

Year 3	Fall Semester		Year 3	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
CHEM 411/L	Physical Chem I w. lab (fa odd) or CHEM 4XX elective (1) (fa even)	3-4	CHEM 412/L	Physical Chem II w. lab (sp even) or CHEM 4XX elective (2) (sp odd)	3-4
MATH	MATH 305** (Calc. III, fa only) or Inst. Requirement (Core 10)	3-4	CORE	Institutional Requirement (Core 10) or MATH 307** Linear Alg., (sp only)	3
CHEM 320	Quantitative Analysis (fa only)	4	CORE	Institutional Requirement (Core 12)	3
GEOL 101	Physical Geology or Applied Ethics – Environment (Core 11 option if 3 credits)	1-4	CORE	Institutional Requirement (Core 13)	3
CORE	Inst. Requirement (Core 12)	3	CORE	Institutional Requirement (Core 14)	3
	Total	14-19		Total	15-16

Year 4	Fall Semester		Year 4	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
CHEM 4XX	CHEM Elective (1) (fa even) or 411/L (fa odd)	3-4	CHEM 4XX	CHEM elective (2) (sp odd) or 412/L (sp even)	3-4
EVS/CHEM ELECTIVE	EVS/CHEM ELECTIVE***	3-4	EVS 476/GPS*	Issues in EVS (sp only, Core 16)	3
ECON 101	Market Fundamentals (Core 15)	3	ELECTIVE	General Elective	3
PHIL 280B	Applied Ethics – Environment (Core 11 option if 3 credits) or GEOL 101 Physical Geology	1-4	ELECTIVE	General Elective	3
ELECTIVE	General Elective	3	ELECTIVE	General Elective (optional)	3
	Total	13-18		Total	15-16

Students must have at least 120-121 credits to graduate, depending on choices of MATH, EVS/CHEM, and 400-level CHEM electives.

****Math** – MATH 205/206 and either MATH 305 or 307 are required for major.

*****Options for EVS/CHEM ELECTIVE** include EVS 324 and BIO 310, 330, 411 or 412, and GEOL 210, 309 and 403.

This minimum curriculum includes 9 hours of general electives.

The ACS Environmental Chemistry Major requires CHEM 416, 420 + 6 additional hrs at 400-level including CHEM 497; GEOL 403 may substitute as a 400-level Chemistry elective (by permission). Rotation: CHEM 416 SP even; CHEM 420 SP odd.

Students planning to attend graduate school should plan on conducting an independent research project (CHEM 497) during their four years, or, alternatively, participate in a summer research program. Develop a plan for this with your academic adviser.