

Bachelor of Science, Chemistry Major Environmental Chemistry Concentration

CHEMISTRY (42 hrs)	
1110 General Chemistry I	4
1120 General Chemistry II	4
1500 First-Year Connections	1
2010 Intro Inorganic Chemistry	3
3010 Organic Chemistry I	4
3020 Organic Chemistry II	4
3410 Quantitative Analysis	4
3500 Elements of Physical Chem.	3
4520 Instrumental Analysis	4
4910 Chemistry Seminar	2
Advanced Chemistry Courses	
4710 Environmental Chemistry	3
4720 Advanced Environmental Chem	3
4XXX CHEM Elective	3

BIOLOGY (8 hrs)	
1113 General Biology I	4
1123 General Biology II	4

MATHEMATICS (7 hrs)	
1530 Introductory Statistics	3
1910 Calculus I	4

PHYSICS (8 hrs)	
2010 Algebra-Based Physics I	4
2020 Algebra-Based Physics II	4

ENGLISH (6 hrs)	
1010 English Composition I	3
1020 English Composition II	3

HUMANITIES (9 hrs)	
Literature	3
	3
	3

HISTORY (6 hrs)	
2010 Early US History	3
2020 Modern US History	3

SOCIAL SCIENCE* (6 hrs)	
	3
	3

COMMUNICATION (3 hrs)	
	3

Technical Requirements* (15 hrs)	
BIOL 3120 General Ecology	3
Chosen from:	12
AGRN 3230, 4220	
BIOL 4130, 4840	
GEOG 4510	
GEOL 4300, 4711	
Electives (9-11 hrs)	
TOTAL	120

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FRESHMAN YEAR			
DISC	NUMBER	SUBJECT	HOURS
CHEM	1110,1120	General Chemistry I,II	8
CHEM	1500	First-Year Connections/Advisement	1
BIOL	1113,1123	General Biology I,II	8
MATH	1910	Calculus I	4
ENGL	1010,1020	English Composition I,II	6
GE/HUM	-----	Humanities	3
		TOTAL	30
SOPHOMORE YEAR			
DISC	NUMBER	SUBJECT	HOURS
CHEM	2010	Introduction to Inorganic Chemistry	3
CHEM	3410	Quantitative Analysis	4
CHEM	3500	Elements of Physical Chemistry	3
BIOL	3120	General Ecology	3
PHYS	2010,2020	Algebra-Based Physics I,II	8
DTR	-----	Technical Requirement*	3
GE/SS	-----	Social Science	3
GE/COM	COMM or PC	2025 or 2500	3
		TOTAL	30
JUNIOR YEAR			
DISC	NUMBER	SUBJECT	HOURS
CHEM	3010,3020	Organic Chemistry I,II	8
CHEM	4520	Instrumental Analysis	4
MATH	1530	Introductory Statistics	3
HIST	2010,2020	Early and Modern US History	6
ENGL	-----	Literature 2130, 2235 or 2330	3
DTR	-----	Technical Requirements*	6
		TOTAL	30
SENIOR YEAR			
DISC	NUMBER	SUBJECT	HOURS
CHEM	4910	Chemistry Seminar	2
CHEM	4710,4720	Environmental Chemistry	6
CHEM	4XXX	CHEM Elective (see advisor)	3
GE/HUM	-----	Humanities	3
DTR	-----	Technical Requirement*	3
GE/SS	-----	Social Science	3
ELEC	-----	Electives	10
		TOTAL	30