

CHEMICAL TECHNOLOGY
Environmental Science Option
#3451
Suggested Sequence by Semester

*This suggested sequence does not include any required developmental courses.
Degree completion time may vary depending upon the number of credits taken each semester.*

SEMESTER I			SEMESTER II		
		CREDITS			CREDITS
English Composition I	ENG 111	3	English Composition II	ENG 112	3
General Chemistry I Lecture	CHM 125	3	General Chemistry II Lecture	CHM 127	3
General Chemistry I Lab	CHM 126	1	General Chemistry II Lab	CHM 128	1
Statistics	MAT 124	3	Concepts of Physics	PHY 103	4
General Biology I	BIO 121	4	General Biology II	BIO 122	4
		TOTAL			TOTAL
		14			15
SEMESTER III			SEMESTER IV		
Ecology	BIO 202	4	General Education Electives		3
Soc Science Elective or Humanities		3	Analytical Chemistry – Instrumental	CHM 218	4
Essentials of Organic Chemistry	CHM 210	4	Analysis		
General Education Elective		6	Technical Elective		7
		TOTAL			TOTAL
		17			14

TECHNOLOGY LITERACY: If you do not pass the Technology Literacy Competency exam, you must take one of the courses in the Technological Competency or Information Literacy listing from the General Education course list. Free electives are any course or combination of courses totaling the required credits. Free Electives do not need to be part of the General Education Course list.

GENERAL EDUCATION ELECTIVES: Please select any courses from the approved list of General Education courses. Students who plan to transfer to a B.A. (Bachelor of Arts) degree program should take COM 109, Speech Fundamentals since this is required for B.A. degrees. [Click here for the most recent General Education course list.](#)

SOCIAL SCIENCE OR HUMANITIES: See attached General Education course list for Humanities or Social Science choices.

TECHNICAL ELECTIVES:

BIO 118 Biomedical Ethics
BIO 201 Genetics (Spring)
BIO 215 Microbiology
BIO 223 Cell and Molecular Biology (Fall)
CHM 212 Biochemistry
CHM 229 Internship Work Experience (3Cr)
CHM 233/234 Organic Chemistry II Lecture and Lab
CHM 230 Internship Work Experience (2Cr)
CHM 236 Internship Work Experience (1Cr)
CHM 235 Independent Study in Chemistry
CMP 135 Computer Concepts with Applications – satisfies the Technology Literary requirement.
MAT 110 College Algebra

HONORS COURSES: BIO 121, BIO 122 and BIO 202 offer selected sections with an honors option. Consult with your Academic Advisor for more information.