

#3450

CHEMICAL TECHNOLOGY

NOTES:

*See back page for more information.

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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			CREDITS	SEMESTER II			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		General Biology II	BIO 122	4	
General Biology I	BIO 121	<u>4</u>		General Education Elective		3	
				Social Science/Humanities Elective		<u>3</u>	
TOTAL			14	TOTAL			17
SEMESTER III				SEMESTER IV			
Essentials of Organic Chemistry	CHM 210	4		Analytical Chemistry – Instrumental	CHM 218	4	
Concepts of Physics	PHY 103	4		Analysis			
General Education Elective		3		Technical Electives		7	
Technical Elective		<u>4</u>		General Education Elective		<u>3</u>	
TOTAL			15	TOTAL			14

TECHNOLOGY LITERACY: If you do not pass the Technology Literacy Competency exam, you must take a course to satisfy the Technology Literacy requirement. You may use a general education elective to fill this requirement from the list of Technological Competency/Information Literacy.

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 202 Ecology (Fall)	CHM 233/234 Organic Chemistry II Lecture/Lab (Spring)
BIO 215 Microbiology	CMP 135 Computer Concepts with Applications – satisfies the
BIO 223 Cell and Molecular Biology (Fall)	Technology Literacy requirement.
CHM 212 Biochemistry (Spring)	MAT 110 College Algebra
CHM 229 Internship Work Experience (3 CR)*	MAT 123 Precalculus
CHM 230 Internship Work Experience (2 CR)*	PHY 127/128 General Physics II Lecture/Lab
CHM 236 Internship Work Experience (1 CR)*	
CHM 235 Independent Study in Chemistry	

*Requires permission of department Chairperson.

Students interested in pursuing a career in an environmental related position, such as environmental technician, consider taking Ecology (BIO 202) as a technical elective.

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

Note: Students will not receive credit for more than one of the following courses: MAT 124 and MAT 130.