

CHEMICAL TECHNOLOGY

#3450

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	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 202 Ecology

BIO 215 Microbiology

BIO 223 Cell and Molecular Biology (Fall)

CHM 212 Biochemistry

CHM 229 Internship Work Experience (3 CR)

CHM 230 Internship Work Experience (2 CR)

CHM 236 Internship Work Experience (1 CR)

CHM 235 Independent Study in Chemistry

BIO 201 Genetics

CHM 233/234 Organic Chemistry II Lecture/Lab

CMP 135 Computer Concepts with Applications – satisfies the Technology Literacy requirements.

MAT 110 College Algebra

MAT 123 Precalculus

PHY 127/128 General Physics II

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