



**TEACHER EDUCATION CHEMISTRY**  
**#2152 TECHM**  
**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 Psychology	PSY 113	3	Teaching in America	EDU 111	3
Precalculus	MAT 123	4	General Chemistry II Lecture	CHM 127	3
General Chemistry I Lecture	CHM 125	3	General Chemistry II Lab	CHM 128	1
General Chemistry I Lab	CHM 126	<u>1</u>	Humanities Elective		3
			Free Elective		<u>3</u>
	<b>TOTAL</b>	14		<b>TOTAL</b>	16
SEMESTER III			SEMESTER IV		
Literature/Language		3	Literature/Language		3
Speech Fundamentals	COM 109	3	Behavior Observation in Education	EDU 211	3
Educational Psychology	PSY 217	3	Social Science or Humanities		
Biology or Physics Elective		4	Elective		3
Organic Chemistry I Lecture	CHM 231	3	Organic Chemistry II Lecture	CHM 233	3
Organic Chemistry I Lab	CHM 232	<u>1</u>	Organic Chemistry II Lab	CHM 234	<u>1</u>
	<b>TOTAL</b>	17		<b>TOTAL</b>	13

**MATH/SCIENCE/TECHNOLOGY:**

**MATHEMATICS:** Students who place out of MAT 123, Precalculus should start at a higher-level Math class – MAT 131, Calculus I and continue on to MAT 132, Calculus II. Discuss this sequence of Math courses with your advisor.

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

**SOCIAL SCIENCE OR HUMANITIES:** Please select Humanities or Social Science. [Click here for the most recent General Education course list.](#)

**GENERAL EDUCATION:** Select two sequential language courses or two literature courses (below). Work closely with your faculty advisor to select these courses.

**LITERATURE:** Select any two survey courses from the following:

ENG 243 World Literary Traditions: Beginnings to 1650

244 World Literary Traditions: 1650 to Present

246 English Classics from Beowulf to Paradise Lost

ENG 247 Major British Writers of the 19th & 20th Centuries

ENG 249 American Literature from Colonial Era to Civil War

ENG 250 American Literature from Civil War to 20th Century

**LANGUAGES:** Select any two of the same foreign language courses in sequence.

American Sign Language: ASL

Arabic: ARA

\*Chinese: CHI

French: FRE

\*German: GER

Italian: ITL

Japanese: JPN

Latin: LAT

Spanish: SPN

\*Russian: RUS

**NOTE:** RUS, CHI, GER offered based on enrollment trends and student demand.

**BIOLOGY/PHYSICS ELECTIVES:**

BIO 121-122 General Biology I, II

BIO 201 Genetics (Spring)

BIO 202 Ecology

BIO 215 Microbiology

BIO 223 Cell and Molecular Biology (Fall)

CHM 212 Biochemistry

PHY 125/126 – 127/128 General Physics I & II

PHY 130 – 133/134 – 232/233 Engineering Physics I, II, III

**FREE ELECTIVE:** Any course or combination of courses totaling the required credits. Free Electives do not have to be part of the General Education Course list. If you need to take a technology elective, you can use the free elective to satisfy this requirement. Students are highly advised to take MAT 131 Analytical Geometry and Calculus I.

**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.
- **To enroll and remain in the Teacher Education Program students must maintain a minimum GPA of 3.0. To enroll in EDU 111 and EDU 211 students must have a cumulative GPA of 3.0 or higher.**