

Name: \_\_\_\_\_ ID: \_\_\_\_\_ Date: \_\_\_\_\_

**General Education Requirements:**

Circle appropriate credit for courses taken      SemYr    Grade

**Group I- English Composition and Literature (2 courses)**

- A. ENGL 103 ("C" or better) or HONR 111      \_\_\_\_\_ 3-4 \_\_\_\_\_  
 B. Literature (either ENGL or MDFL) \_\_\_\_\_ 3-4 \_\_\_\_\_

**Group II- History (2 courses)**

- A. HIST 101, 102, or 103      \_\_\_\_\_ 3-4 \_\_\_\_\_  
 B. HIST 101, 102, 103, or a HIST course above 103      \_\_\_\_\_ 3-4 \_\_\_\_\_

**Group III-Humanities & Social Sciences (3 courses)**

- A. Select one course from one of the following six areas:  
 ART, CMAT, DANC or THEA, MDFL, MUSC, PHIL (or HONR)  
 \_\_\_\_\_ 3-4 \_\_\_\_\_  
 B. Select one course from one of the following seven areas:  
 ANTH, CADR, ECON, Human GEOG, POSC, PSYC, SOCI, (or HONR)  
 \_\_\_\_\_ 3-4 \_\_\_\_\_  
 C. Select one course from either Group IIIA or III B (course must  
 be from a different area than previously selected)  
 \_\_\_\_\_ 3-4 \_\_\_\_\_

**Group IV- Natural Science, Math, and Computer Science (4 courses)**

- A. Select courses with laboratories from at least two of the  
 following four areas (at least six credit hours total): BIOL, CHEM,  
 GEOL or Physical GEOG, PHYS  
 Satisfied by major \_\_\_\_\_ X \_\_\_\_\_  
 Satisfied by major \_\_\_\_\_ X \_\_\_\_\_  
 B. Select one additional course (need not be a lab) from Group  
 IVA or ENVH or COSC or MATH or HONR  
 Satisfied by major \_\_\_\_\_ X \_\_\_\_\_  
 C. Select one course from MATH  
 Satisfied by major \_\_\_\_\_ X \_\_\_\_\_

**Group V-Health Fitness (1 course)**

- PHEC 106      \_\_\_\_\_ 3 \_\_\_\_\_

**University Policies**

1. Refer to the SU catalog for approved general education courses.
2. Requirements may not equal 120 credit hours. Students must register for additional electives to complete 120 credits required for graduation.
3. All graduates must have a minimum of 30 credits of 300/400 level courses with "C" grade or above; at least 15 of those credits must be taken at SU.
4. Students must have a minimum cumulative GPA of 2.0 for graduation.
5. Students must complete at least 30 credit hours by direct classroom instruction and/or laboratory experience.
6. Students must take 30 of the last 37 credit hours at SU.
7. Students should consult the degree progress report in GullNet for information on their academic progress.
8. It is the student's responsibility to satisfy graduation requirements. Please refer to the SU catalog for detailed major requirements.
9. Students must apply online for graduation by Nov. 15 for May and May 15 for December.

**Major Requirements:**

check courses taken and record year/grade.      SemYr    Grade

**CHEMISTRY REQUIREMENTS**

CHEM 121	General Chemistry I	_____ 4 _____
CHEM 122	General Chemistry II	_____ 4 _____
CHEM 207	Laboratory Safety	_____ 1 _____
CHEM 221	Organic Chemistry I	_____ 4 _____
CHEM 222	Organic Chemistry II	_____ 4 _____
CHEM 306	Fundamentals of Inorganic Chemistry	_____ 4 _____
CHEM 321	Analytical Chemistry	_____ 4 _____
CHEM 333	Instrumental Analysis	_____ 3 _____
CHEM 341	Physical Chemistry I	_____ 4 _____
CHEM 342	Physical Chemistry II	_____ 4 _____
CHEM 403	Principles of Chemical Research	_____ 3 _____
CHEM 410	Chemical Research	_____ 3 _____
CHEM 417	Biochemistry I	_____ 4 _____
CHEM 418	Biochemistry II	_____ 3 _____
CHEM 419	Biochemical Methods	_____ 4 _____
CHEM 441	Advanced Experimental Chem I	_____ 4 _____

**MATHEMATICS REQUIREMENTS**

MATH 201	Calculus I	_____ 4 _____
MATH 202	Calculus II	_____ 4 _____

**PHYSICS REQUIREMENTS**

PHYS 221	Physics I	_____ 4 _____
PHYS 223	Physics II	_____ 4 _____

**BIOLOGY REQUIREMENTS**

BIOL 210	Biology: Concepts & Methods	_____ 4 _____
One of the following:		
<input type="checkbox"/> BIOL 211	Microbiology	} _____ 4 _____
<input type="checkbox"/> BIOL 212	Intro to Plant Biology	
<input type="checkbox"/> BIOL 213	Zoology	
BIOL 350	Cell Biology	_____ 4 _____
BIOL 370	Molecular Genetics	_____ 4 _____

**ELECTIVES (TO BRING TOTAL CREDITS TO 120)**      SemYr    Credit    Grade

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Department Policies**

1. Chemistry majors must have at least a "C" average in the math and science courses required by the major.
2. Transfer students majoring in chemistry are required to complete at least 15 hours in Chemistry at SU.

# CHEMISTRY – BIOCHEMISTRY ACS CERTIFIED TRACK

## Suggested curriculum guide

### FIRST YEAR

<u>FALL (16)</u>	<u>SPRING (16)</u>
CHEM 121 (4)	CHEM 122 (4)
MATH 201 (4)	MATH 202 (4)
Gen Ed IIA (4)	ENGL 103 (4)
Gen Ed IIIA (4)	Gen Ed IIB (4)

### SECOND YEAR

<u>FALL (16)</u>	<u>SPRING (16)</u>
CHEM 221 (4)	CHEM 207 (1)
PHYS 221 (4)	CHEM 222 (4)
ENGL Lit (Gen Ed IB) (4)	PHYS 223 (4)
BIOL 210 (4)	BIOL 211 <b>OR</b> 212 <b>OR</b> 213 (4)
	PHEC 106 (3)

### THIRD YEAR

<u>FALL (15-16)</u>	<u>SPRING (15)</u>
CHEM 321 (4)	CHEM 333(4)
CHEM 341 (4)	CHEM 342 (4)
Gen Ed IIIB (3-4)	CHEM 418 (3)
CHEM 417 (4)	BIOL 350 (4)

### FOURTH YEAR

<u>FALL (15)</u>	<u>SPRING (13-15)</u>
CHEM 306 (4)	CHEM 410 (3)
CHEM 403 (3)	CHEM 419 (4)
CHEM 441 (4)	Gen Ed IIIC (3-4)
BIOL 370 (4)	ELECTIVES (3-4)