

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 _____

OR

CHEM 342 Physical Chemistry II _____ 4 _____

CHEM 413 Internship/Co-op _____ 3 _____

OR

CHEM 403 Chemical Research _____ 4 _____

CHEM 417 Biochemistry I _____ 4 _____

CHEM 418 Biochemistry II _____ 3 _____

CHEM 419 Biochemical Methods _____ 4 _____

CHEM 441 Advanced Experimental Chem I _____ 4 _____

MATHEMATICS

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:

BIOL 211 Microbiology _____ 4 _____

BIOL 212 Intro to Plant Biology _____ 4 _____

BIOL 213 Zoology _____ 4 _____

One of the following:

BIOL 350 Cell Biology _____ 4 _____

BIOL 370 Molecular Genetics _____ 4 _____

BIOL Elective (upper level) _____ 3-4 _____

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

<u>ELECTIVES (TO BRING TOTAL CREDITS TO 120)</u>	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 Major Biochemistry Track (Non-ACS Certified)
Suggested Curriculum Guide

First Year

Fall (15-16)

CHEM 121 (4)
Gen Ed III A,B, or C (3/4)
HIST 101 or 102 (4)
MATH 201 (4)

Spring (16)

CHEM 122 (4)
ENGL 103 (4)
HIST XXX (Gen Ed IIB) (4)
MATH 202 (4)

Second Year

Fall (16)

CHEM 221 (4)
PHYS 221 (4)
ENGL Lit(Gen Ed IB) (4)
BIOL 210 (4)

Spring (13)

CHEM 207 (1)
CHEM 222 (4)
PHYS 223 (4)
BIOL 211 or 212 or 213(4)

Third Year

Fall (15-16)

CHEM 341 or 342*(4)
CHEM 321 (4)
CHEM 417 (4)
Gen Ed III A,B, or C (3/4)

Spring (15-17)

CHEM 333 (3)
CHEM 418 (3)
Gen Ed III A,B, or C (3/4)
PHEC 106 (3)
Elective (3/4)

Fourth Year

Fall (15)

CHEM 306 (4)
CHEM413 # (3)
CHEM 441 (4)
BIOL 350 or 370 (4)

Spring (16-17)

CHEM 419 (4)
BIOL Elective (3-4)
Electives (9)

Students may substitute one semester of chemical research (CHEM 403).

* CHEM 342 is offered only during the spring semester.

Note: The Bachelor of Science degree in chemistry requires a minimum of 120 credits for graduation.