

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)
 Satisfied by major _____ X _____

- 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 221	Organic Chemistry I	_____ 4 _____
CHEM 222	Organic Chemistry II	_____ 4 _____
CHEM 321	Analytical Chemistry	_____ 4 _____
CHEM 341	Physical Chemistry I	_____ 4 _____
CHEM 342	Physical Chemistry II	_____ 4 _____

MATHEMATICS & COMPUTER SCIENCE REQUIREMENTS

COSC 120	Computer Programming	_____ 4 _____
MATH 201	Calculus I	_____ 4 _____
MATH 202	Calculus II	_____ 4 _____
MATH 310	Calculus III	_____ 4 _____
MATH 311	Differential Equations I	_____ 4 _____

PHYSICS REQUIREMENTS

PHYS 221	Physics I	_____ 4 _____
PHYS 223	Physics II	_____ 4 _____
PHYS 313	Introduction to Modern Physics	_____ 3 _____

ENGINEERING REQUIREMENTS

ENGR 110	Statics	_____ 3 _____
ENGR 221	Dynamics	_____ 3 _____

OTHER (GENERAL EDUCATION) REQUIREMENTS

ECON 211 OR 212	Micro/Macro Economics	_____ 3 _____
-----------------	-----------------------	---------------

ENGINEERING/SCIENCE IN UMD, ODU, OR WIDENER (30 HOURS)

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

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 Engineering Dual Degree
Suggested Curriculum Guide

First Year

Fall (15-16)

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

Spring (15-16)

CHEM 122 (4)
ENGL 103 (4)
Gen Ed III A or C (3/4)
MATH 202 (4)

Second Year

Fall (16)

CHEM 221 (4)
PHYS 221 (4)
COSC 120 (4)
MATH 310 (4)

Spring (16)

CHEM 222 (4)
HIST XXX (Gen Ed IIB) (4)
PHYS 223 (4)
MATH 311 (4)

Third Year

Fall (15-16)

CHEM 321(4)
CHEM 341 (4)
ECON 211 or 212 (Gen Ed IIIB) (4)
ENGR 110 (3)

Spring (17)

CHEM 342 (4)
ENGR 221 (3)
ENGL Lit (Gen Ed IB) (4)
PHEC 106 (3)
PHYS 313 (3)

Fourth Year

**The student must complete a minimum of 30 semester hours
in Engineering or Science courses at the receiving institution.**