CHEMISTRY • Biochemistry Track (non-ACS certified)  
CHEMISTRY DEPARTMENT • HENSON SCHOOL

UNIVERSITY POLICIES

- Refer to the SU catalog for approved prerequisites and General Education courses.
- Requirements may not equal 120 credit hours. Students must register for additional electives to complete 120 credits required for graduation.
- 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.
- Students must have a minimum cumulative GPA of 2.0 for graduation.
- Students must complete at least 30 credit hours by direct classroom instruction and/or laboratory experience.
- Students must take 30 of the last 37 credit hours at SU.
- It is the student’s responsibility to satisfy graduation requirements.
- Please refer to the SU catalog for detailed major requirements.
- Students must apply online for graduation by November 15 for May and by May 15 for December.

GENERAL EDUCATION REQUIREMENTS

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<tr>
<th>Course No. &amp; Title</th>
<th>#Credits</th>
<th>Grade</th>
<th>Term Completed</th>
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Group I: English Composition and Literature (2 courses)

A. C or better in ENGL 103 or HONR 111  
B. Literature course (from either ENGL or MDFL Depts.)

Group II: History (2 courses)

A. HIST101, 102, or 103  
B. HIST101, 102, 103 or a HIST course above 103

Group III: Humanities and Social Sciences (3 courses)

A. Select one course from one of the following seven areas: ART, CMAT, DANC or THEA, MDFL, MUSC, PHIL, HONR 211
B. Select one course from one of the following eight areas: ANTH, CADR, ECON or FINA, ENV, Human GEOG, POSC, PSYC, SOCI, HONR 112
C. Select one course from either Group IIIA or IIIB (course must be from a different area than previously selected)

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

A. Select courses with laboratories from at least two of the following four areas: BIOL, CHEM, GEOL or Physical GEOG, PHYS
B. Select one additional course (need not be a lab) from Group IVA or ENV or ENVR or COSC or MATH or HONR 212
C. Select one course from MATH

Group V: Health Fitness (1 course)

FTWL106 - Lifelong Fitness and Wellness

MAJOR REQUIREMENTS

- Have at least a C average in the math and sciences courses required by the major.
- Transfer students are required to complete at least 15 hours in chemistry at SU.
- A curriculum guide outlining a suggested sequence of courses for the major is available on the Chemistry Department Web site.

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CHEMISTRY REQUIREMENTS (14 courses)

CHEM121 - General Chemistry I  
CHEM122 - General Chemistry II  
CHEM207 - Laboratory Safety  
CHEM221 - Organic Chemistry I  
CHEM222 - Organic Chemistry II  
CHEM306 - Fundamentals of Inorganic Chemistry  
CHEM321 - Analytical Chemistry  
CHEM333 - Instrumental Analysis  
CHEM341 - Physical Chemistry I  
CHEM417 - Biochemistry I  
CHEM418 - Biochemistry II  
CHEM419 - Biochemical Methods  
CHEM441 - Advanced Experimental Chemistry I

MATH REQUIREMENTS (2 courses)

MATH201 - Calculus I  
MATH202 - Calculus II

PHYSICS REQUIREMENTS (2 courses)

PHYS221 - Physics I  
PHYS223 - Physics II

BIOLOGY REQUIREMENT (4 courses)

Complete the following:

Complete 1 of the following (circle course taken):

Biol211 - Microbiology  
Biol212 - Introduction to Plant Biology  
Biol213 - Zoology

Complete 1 of the following (circle course taken):

Biol302 - Bioinformatics I  
Biol350 - Cell Biology