

## B.S. Chemistry (Effective 2012)

Name \_\_\_\_\_ ID# \_\_\_\_\_ Advisor \_\_\_\_\_  
 Expected Date of Graduation \_\_\_\_\_ Chair Approval \_\_\_\_\_

Chemistry Degree Requirements (48 cr min)	Sem./Grade
CHEM115 General Chemistry I	5 _____/_____
CHEM116 General Chemistry II	5 _____/_____
CHEM225 Organic Chemistry I	4 _____/_____
CHEM226 Organic Chemistry II	4 _____/_____
CHEM231 Quantitative Analysis	4 _____/_____
CHEM251 Intro. Biochemistry	4 _____/_____
CHEM261 Inorganic. Chem.	4 _____/_____
CHEM332 Instrumental Anal.	4 _____/_____
CHEM361 Physical Chemistry I	4 _____/_____
CHEM362 Phys Chemistry II	3 _____/_____
CHEM363 Phys. Chem. Lab	1 _____/_____
CHEM395 Junior Seminar	1 _____/_____
CHEM499 Senior Seminar	1 _____/_____
CHEM Electives (300 level or higher)	4 cr. min _____/_____ _____/_____

**Degree Audit Sheet Directions:** Fill in the semester and grade for each course as completed. Two semesters before your intended graduation date this form should be filled in indicating the courses you are then taking, and those you will take in the next semester. Have the form signed and submit to the Fletcher Center with your Declaration of Candidacy form. You must have a signed Course Substitution/Waiver Form for any deviations from the audit below – see your advisor for this form.

For American Chemical Society certified degree, additionally required:

CHEM495 Senior Project	2 _____/_____
CHEM Electives, 300 level or higher	7 cr. min _____/_____ _____/_____ _____/_____



See Department Chair for special rules regarding ACS certification.

Other Departments (19-20 credits)

Two semesters of Physics (8 cr. min.)	8 _____/_____ _____/_____
BUSN211 Business Statistics	3 or MATH 207 P. of Stat. Meth 3 _____/_____
Math Option:	
MATH151 Calculus I	4 _____/_____ and MATH152 Calculus II 4 _____/_____ or
MATH112 Calc. for Bus. Life Sci. I	4 _____/_____ and
EGNR140 Lin. Alg. Num. Meth.	2 _____/_____ and
EGNR245 Calc. App. For Tech.	3 _____/_____ and

General Education (25 credits minimum)

ENGL 110 First-Year Comp	3 _____/_____	ENGL111 First-Year Comp II	3 _____/_____
Approved Social Science*	3 _____/_____	Approved Social Science*	3 _____/_____
HUMN251 Humanities I	4 _____/_____	Approved Humanities*	3 _____/_____
COMM101 Speech	3 _____/_____	Approved Social Diversity*	3 _____/_____

\*consult list for approved courses

General Electives credits must be completed for a minimum of 124 total credits (19-20 cr.)

-----Office Use Only-----

\_\_\_\_ At MINIMUM of 124 total credits  
 \_\_\_\_ 2.5 GPA Overall \_\_\_\_ 2.5 GPA in major

\_\_\_\_\_  
 Dean

\_\_\_\_\_  
 Date

## **Typical B.S. Chemistry Sequence ACS Certified Degree (124 Credits min.)**

<p><u>Fall Freshman</u>            CHEM115 General Chemistry I (5)            MATH112 Calc. for Bus. And Life Sci. I (4)                (or MATH151 Calc. I (4))            COMM101 Fund. of Speech Com. (3)            ENGL110 First-Year Composition I (3)            Total: <u>15</u></p>	<p><u>Spring Freshman</u>            CHEM116 General Chemistry II (5)            EGNR140 Linear Alg. Num. Methods (2)                (or MATH152 Calc. II (4))            ENGL111 First-Year Composition II (3)            HUMN251 Humanities I (4)            SOCY103 Cultural Diversity (3)            Total: <u>17-19</u></p>
<p><u>Fall Sophomore</u>            CHEM225 Organic Chemistry I (4)            CHEM231 Quantitative Analysis (4) (Fall)            EGNR245 Calc. App. For Technology (3)                (not nec. If MATH151 + MATH152)            PHYS231 Applied Physics I (4) (Fall)                (or PHYS221 Princ. Of Phys. I (4))            Total: <u>15</u></p>	<p><u>Spring Sophomore</u>            CHEM226 Organic Chemistry II (4) (Spring)            CHEM261 Inorganic Chemistry (4) (Spring)            PHYS232 Applied Physics II (4) (Spring)                (or PHYS222 Princ. Of Phys. II (4))            BUSN211 Business Statistics (3)                (or MATH207 Princ. Of Stats. (3))            Total: <u>15</u></p>
<p><u>Fall Junior</u>            CHEM251 Biochemistry I (4) (Fall)            CHEM361 Physical Chemistry I (4) (Fall)            General Elective (4)            General Elective (4)            Total: <u>16</u></p>	<p><u>Spring Junior</u>            CHEM332 Instrumental Analysis (4) (Spring)            CHEM395 Junior Seminar (1) (Spring)            CHEM3XX or Higher Elective (3 or 4)            Approved Social Science ** (3)            General Elective (4)            Total: <u>15-16</u></p>
<p><u>Fall Senior</u>            CHEM362 Physical Chemistry II (3) (Fall)            CHEM363 Phys. Chem. Lab (1)            CHEM495 Senior Project (2)            General Elective (4)            General Elective (3)            Approved Social Science ** (3)            Total: <u>16</u></p>	<p><u>Spring Senior</u>            CHEM499 Senior Seminar (1)            CHEM3XX or Higher Elective (4)            General Elective (4)            General Elective (3)            Approved Humanities** (3)            Total: <u>15</u></p>

\*\* Consult official University list of approved General Education Courses

(Fall) = course typically only offered Fall semester, some may be alternate years.

(Spring) = course typically only offered Spring semester, some may be alternate years.