

B.S. Chemistry (Effective 2016)

Name _____ ID# _____ Advisor _____
 Expected Date of Graduation _____ Chair Approval _____

Chemistry Degree Requirements (57 credits min.) Sem./Grade

CHEM 115 General Chemistry I	5	____/____
CHEM 116 General Chemistry II	5	____/____
CHEM 225 Organic Chemistry I	4	____/____
CHEM 231 Quantitative Analysis	4	____/____
CHEM 261 Inorganic Chemistry	4	____/____
CHEM 326 Organic Chemistry II	4	____/____
CHEM 310 Applied Spectroscopy	4	____/____
CHEM 332 Instrumental Analysis	4	____/____
CHEM 351 Introductory Biochemistry	4	____/____
CHEM 361 Physical Chemistry I	4	____/____
CHEM 362 Physical Chemistry II	3	____/____
CHEM 363 Physical Chemistry Lab	1	____/____
CHEM 395 Junior Seminar	1	____/____
CHEM 461 Adv. Inorganic Chemistry	3	____/____
CHEM 462 Adv. Inorganic Chem. Lab	1	____/____
CHEM 495 Senior Project	2	____/____
CHEM 499 Senior Seminar	1	____/____
CHEM Electives (300 level or higher)	3 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.

Other Departments (19-20 credits)

Math Option:

MATH 151 Calculus I	4	____/____
MATH 152 Calculus II	4	____/____

or

MATH 112 Calc. for Bus. Life Sci. I	4	____/____ and
EGNR 140 Lin. Alg. Num. Meth.	2	____/____ and
EGNR 245 Calc. App. For Tech.	3	____/____
BUSN 211 Business Statistics	3	____/____

or

MATH 207 P. of Stat. Meth.	3	____/____
Two Semesters of Physics (8 cr. min.)	4	____/____
	4	____/____



General Education (25 credits minimum)

ENGL 110 First-Year Comp	3	____/____	ENGL 111 First-Year Comp II	3	____/____
Approved Social Science*	3	____/____	Approved Social Science*	3	____/____
HUMN 251 Humanities I	4	____/____	Approved Humanities*	3	____/____
COMM 101 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 credits)

-----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 (124 Credits minimum)

<p><u>Fall Freshman</u> CHEM 115 General Chemistry I (5) MATH 112 Calc. for Bus. And Life Sci. I (4) (or MATH 151 Calculus I (4)) COMM 101 Fundamentals of Speech Comm. (3) ENGL 110 First-Year Composition I (3) Total: <u>15</u></p>	<p><u>Spring Freshman</u> CHEM 116 General Chemistry II (5) EGNR 140 Linear Alg. Num. Methods (2) (or MATH 152 Calculus II (4)) ENGL 111 First-Year Composition II (3) HUMN 251 Humanities I (4) Approved Social Diversity** (3) Total: <u>17-19</u></p>
<p><u>Fall Sophomore</u> CHEM 225 Organic Chemistry I (4) CHEM 231 Quantitative Analysis (4) (Fall) EGNR 245 Calc. App. For Technology (3) (Not necessary If MATH 151 + MATH 152) PHYS 231 Applied Physics I (4) (Fall) (or PHYS 221 Principles Of Physics I (4)) Total: <u>12-15</u></p>	<p><u>Spring Sophomore</u> CHEM 326 Organic Chemistry II (4) (Spring) CHEM 261 Inorganic Chemistry (4) (Spring) PHYS 232 Applied Physics II (4) (Spring) (or PHYS 222 Principles of Physics II (4)) BUSN 211 Business Statistics (3) (or MATH 207 Principles Of Statistics (3)) Total: <u>15</u></p>
<p><u>Fall Junior</u> CHEM 351 Biochemistry I (4) (Fall) CHEM 361 Physical Chemistry I (4) (Fall) CHEM 363 Physical Chemistry Lab (1) General Elective (4) General Elective (4) Total: <u>17</u></p>	<p><u>Spring Junior</u> CHEM 332 Instrumental Analysis (4) (Spring) CHEM 395 Junior Seminar (1) (Spring) CHEM 310 Applied Spectroscopy (3) (Spring) CHEM 3XX or Higher Elective (3 or 4) General Elective (3) General Elective (3) Total: <u>17-18</u></p>
<p><u>Fall Senior</u> CHEM 362 Physical Chemistry II (3) (Fall) CHEM 495 Senior Project (2) General Elective (4) General Elective (4) Approved Social Science** (3) Total: <u>16</u></p>	<p><u>Spring Senior</u> CHEM 461 Adv. Inorganic Chemistry (3) (Spring) CHEM 462 Adv. Inorganic Chemistry Lab (1) (Spring) CHEM 499 Senior Seminar (1) General Elective (4) Approved Humanities** (3) Approved Social Science** (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.