

### B.S. Forensic Chemistry (Effective 2016)

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

Chemistry Degree Requirements (44 cr min)      Sem./Grade

CHEM115 General Chemistry I	5	____/____
CHEM116 General Chemistry II	5	____/____
CHEM225 Organic Chemistry I	4	____/____
CHEM231 Quantitative Analysis	4	____/____
CHEM332 Instrumental Analysis	4	____/____
CHEM351 Intro. Biochemistry	4	____/____
CHEM353 Introductory Toxicology	3	____/____
CHEM361 Physical Chemistry I	4	____/____
CHEM363 Physical Chemistry Lab	1	____/____
CHEM395 Junior Seminar	1	____/____
CHEM/CJUS445 Forensic Science	4	____/____
CHEM452 Adv. Biochem./Mol. Tech.	4	____/____
or		
CHEM310 Applied Spectroscopy	4	____/____
CHEM499 Senior Seminar	1	____/____

**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:

CHEM261 Inorganic Chemistry	4	____/____
CHEM495 Senior Project	2	____/____
CHEM326 Organic Chemistry II	4	____/____
Additional Math: either MATH152 or EGNR140 and EGNR245 (4-5)		____/____

See Department Chair for special rules regarding ACS certification.



Criminal Justice (16 credits)

CJUS101 Intro. to Criminal Justice	3	____/____
CJUS243 Investigation	3	____/____
CJUS319 Substantive Law	3	____/____
CJUS409 Procedural Law	3	____/____
CJUS444 Criminalistics	4	____/____

Support Courses (47 credits)

BIOL131 Gen. Biology: Cells	4	____/____
BIOL132 Gen. Biology: Organisms	4	____/____
MATH111 College Algebra	3	____/____
MATH112 Calc. for Bus./Life Sci.	4	____/____
MATH207 Prin. of Statistical Meth.	3	____/____
or		
BUSN211 Business Statistics	3	____/____
Two sem. of college physics with lab. (8 hrs. min)		____/____
POLI110 Intro. to Am. Gov./Politics	4	____/____
PSYC101 Introduction to Psychology	4	____/____
PSYC259 Abnormal Psychology	3	____/____
SOCY103 Cultural Diversity	3	____/____
SOCY214 Criminology	3	____/____

**OVER**

General Education (25 credits minimum)

ENGL 110 Fresh Comp	3	_____	ENGL111 Fresh Comp II	3	_____
Approved Social Science* (PSYC101)	3	_____	Approved Social Science* (POLI110)	3	_____
HUMN251 Humanities I	4	_____	Approved Humanities*	3	_____
COMM101 Speech	3	_____	Approved Social Div.* (SOCY103)	3	_____

\*consult list for approved courses

General Electives credits must be completed for a minimum of 124 total credits

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

\_\_\_\_\_ Dean \_\_\_\_\_ Date

**Typical B.S. Forensic Chemistry Sequence (124 Credits Minimum)**

<u>Fall Freshman</u> CHEM115 General Chemistry I (5) CJUS101 Introduction to Criminal Justice (3) *MATH111 College Algebra (3) PSYC101 Introduction to Psychology (4) ENGL110 First-Year Composition I (3) Total: <u>15-18</u> * If Necessary	<u>Spring Freshman</u> CHEM116 General Chemistry II (5) MATH112 Calc. for Bus. And Life Sci. I (4) CJSU243 Investigation (3) ENGL111 First-Year Composition II (3) Total: <u>15</u>
<u>Fall Sophomore</u> CHEM225 Organic Chemistry I (4) CHEM231 Quantitative Analysis (4) (Fall) CJUS319 Substantive Law (3) (Fall) PHYS221 Principles of Physics I (4) (Fall) Total: <u>15</u>	<u>Spring Sophomore</u> BUSN211 Business Statistics (3) (or MATH207 Principles Of Statistics (3)) BIOL131 Gen. Biology: Cells (4) PHYS222 Principles of Physics II (4) (Spring) HUMN251 Humanities I (4) Total: <u>15</u>
<u>Fall Junior</u> CHEM351 Biochemistry I (4) (Fall) PSYC259 Abnormal Psychology (3) BIOL204 Gen. Microbiology (4) (Fall) Approved Humanities** (3) COMM101 Fundamentals of Speech Comm (3) Total: <u>17</u>	<u>Spring Junior</u> CHEM332 Instrumental Analysis (4) (Spring) CHEM353 Toxicology (3) (Spring) CHEM395 Junior Seminar (1) (Spring) SOCY103 Cultural Diversity (3) SOCY214 Criminology (3) (Spring) CJUS409 Procedural Law (3) (Spring) Total: <u>17</u>
<u>Fall Senior</u> CJUS444 Criminalistics (4) (Fall) BIOL132 Gen. Biology: Organisms (4) POLI110 Introduction to American Gov/Politics (4) CHEM361 Physical Chemistry I (4) CHEM 363 Physical Chemistry Lab (1) Total: <u>17</u>	<u>Spring Senior</u> CHEM499 Senior Seminar (1) CHEM452 Adv. Biochem/Mol Techniques (4) (Spring) (or CHEM310 Applied Spectroscopy (4)) (Spring) CHEM445 Forensic Science (4) (Spring) CJUS409 Procedural Law (3) (Spring) Total: <u>16</u>

\*\* 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.