

B.S. Forensic Chemistry (Effective 2019)

Name _____ ID# _____ Advisor _____

Expected Date of Graduation _____ Chair Approval _____

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

NSCI 110 Intro. Forensic Chemistry	4	____/____
CHEM 115 General Chemistry I	5	____/____
CHEM 116 General Chemistry II	5	____/____
CHEM 225 Organic Chemistry I	4	____/____
CHEM 231 Quantitative Analysis	4	____/____
CHEM 332 Instrumental Analysis	4	____/____
CHEM 351 Intro. Biochemistry	4	____/____
CHEM 353 Introductory Toxicology	3	____/____
CHEM 361 Physical Chemistry I	4	____/____
CHEM 363 Physical Chemistry Lab	1	____/____
CHEM 395 Junior Seminar	1	____/____
CHEM/CJUS 445 Forensic Science	4	____/____
CHEM4 52 Adv. Biochem./Mol. Tech.	4	____/____
or		
CHEM 310 Applied Spectroscopy	4	____/____
CHEM4 99 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:

CHEM 261 Inorganic Chemistry	4	____/____
CHEM 326 Organic Chemistry II	4	____/____
CHEM 495 Senior Project	2	____/____

Additional Math: either MATH 152 or EGNR 140 and EGNR 245 (4-5)

____/____ ____/____

See Department Chair for special rules regarding ACS certification.



ACS
Chemistry for Life™

AMERICAN CHEMICAL SOCIETY

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 (43 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	____/____

Effective Date: Fall 2019

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

____ Dean

____ Date

____ 2.0 GPA Overall ____ 2.0 GPA in major

Typical B.S. Forensic Chemistry Sequence ACS Certified Degree (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 Calculus for Business and Life Sciences I (4) *EGNR140 Linear Algebra and Numerical Methods (2) CJSU243 Investigation (3) ENGL111 First-Year Composition II (3) Total: <u>15-17</u> *If ACS degree desired
<u>Fall Sophomore</u> CHEM225 Organic Chemistry I (4) CHEM231 Quantitative Analysis (4) (Fall) CJUS319 Substantive Law (3) (Fall) *EGNR245 Calculus Applications for Tech (3) (Fall) PHYS221 Principles of Physics I (4) (Fall) Total: <u>15-18</u> *If ACS degree desired	<u>Spring Sophomore</u> *CHEM326 Organic Chemistry II (4) (Spring) BUSN211 Business Statistics (3) (or MATH207 Principles of Stats. (3)) BIOL131 Gen. Biology: Cells (4) PHYS222 Principles of Physics II (4) (Spring) Total: <u>15</u> *If ACS degree desired
<u>Fall Junior</u> CHEM351 Biochemistry I (4) (Fall) PSYC259 Abnormal Psychology (3) CHEM310 Applied Spectroscopy (4) (Fall) Approved Humanities** (3) COMM101 Fundamentals of Speech Com. (3) Total: <u>17</u>	<u>Spring Junior</u> *CHEM261 Inorganic Chemistry (4) (Spring) CHEM332 Instrumental Analysis (4) (Spring) CHEM353 Toxicology (3) (Spring) CHEM395 Junior Seminar (1) (Spring) SOCY103 Cultural Diversity (3) SOCY214 Criminology (3) (Spring) Total: <u>14-18</u> *If ACS degree desired
<u>Fall Senior</u> CJUS444 Criminalistics (4) (Fall) BIOL132 Gen. Biology: Organisms (4) POLI110 Intro To American Government/Politics (4) CHEM361 Physical Chemistry I (4) CHEM 363 Physical Chemistry Lab (1) Total: <u>17</u>	<u>Spring Senior</u> *CHEM495 Senior Project (2) CHEM499 Senior Seminar (1) CHEM452 Advanced Biochem/Mol Tech (4) (Spring) (or CHEM310 Applied Spectroscopy (4)) (Spring) CHEM445 Forensic Science (4) (Spring) CJUS409 Procedural Law (3) (Spring) General Elective (3) Total: <u>15-17</u> *If ACS degree desired
<u>Summer</u> HUMN251 Humanities I (4)	

** 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.