

4 Year Academic Plan: Chemistry Composite Forensics Emphasis

The following is a **sample** outline demonstrating 4--year completion of this bachelor's degree. Each student's reality will vary slightly, as this plan does not include transfer work, Advanced Placement (AP), or concurrent enrollment credits. Math and English placement will be based on the student's ACT/SAT scores. **PLEASE NOTE:** The following plan assumes students are prepared to take the Math course listed. If prerequisites are required, additional semesters may be required to complete degree.

*While every effort has been made to align this sample with departmental offerings and recommendations, **this is a GUIDE ONLY.** Please meet with your academic advisor and consult DegreeWorks for specifics.*

<p><u>1st Year Fall (14 credits)</u> CHEM 1210/1215 Principles of Chemistry I/Lab (5) MATH 1210 Calculus I (4) ENGL 1010 Intro to Academic Writing (3) LM 1010 Information Literacy (1) EDGE 1010 Program Introduction (1)</p>	<p><u>1st Year Spring (15 credits)</u> CHEM 1220/1225 Principles of Chemistry II/Lab (5) MATH 1220 Calculus II (4) ENGL 2010 Intermediate Writing (3) CSIS 1000 Computer Literacy (3)</p>
<p><u>2nd Year Fall (16 credits)</u> CHEM 2310/2315 Organic Chemistry I/Lab (5) PHYS 2210/2215 Phys. for Scien. & Eng. I/Lab (5) CJ 1010 Intro to Criminal Justice (3) American Institutions Course (3)</p>	<p><u>2nd Year Spring (15 credits)</u> CHEM 2320/2325 Organic Chemistry II/Lab (5) PHYS 2220/2225 Phys. for Scien. & Eng. II/Lab (5) BIOL 1610/1615 General Biology I/Lab (4) EDGE 30XX Project Proposal* (1)</p>
<p><u>3rd Year Fall (15 credits)</u> CHEM 3000/3005 Quantitative Analysis (4) CJ 1340 Criminal Investigations (3) MATH 1040 Statistics (4) BIOL 1620/1625 General Biology II/Lab (4)</p>	<p><u>3rd Year Spring (15 credits)</u> BIOL 3060/3065 Genetics (4) Fine Arts Knowledge Area (3) Humanities Knowledge Area (3) EDGE 40XX Program Completion* (1) Upper Division Elective (4)</p>
<p><u>4th Year Fall (15 credits)</u> CHEM 4110 Biochemistry I (4) CHEM 4540 Selected Topics (Qual. Analysis) (3) CJ 1350 Introduction to Forensic Science (3) CJ 2350 Laws of Evidence (3) Upper Division Elective (2)</p>	<p><u>4th Year Spring (17 credits)</u> CHEM 4120 Biochemistry II (4) CHEM 4230 Instrumental Analysis (3) CHEM 4240 Analysis Lab (2) CHEM 4990 Chemistry Literature/Seminar (1) BIOL 3310/3315 Cell & Molecular Biology/Lab (4) CJ 3100 Advanced Criminalistics (3)</p>

Color Key:

General Education Courses (green)

Major--required courses that also fulfill GE requirement (purple)

Major Courses (black)

Electives/minor/etc. (red)

EDGE Program Courses (orange)

(*) See catalog for other options