

4-Year Academic Plan: Chemistry: Forensic 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 prerequisite/remedial courses are required, additional semesters may be required to complete degree.

This is a GUIDE ONLY. Please meet with your academic advisor and consult DegreeWorks for specifics.

| 1st Year Fall 20 (14 credits) | | | | | 1st Year Spring 21 (16 credits) | | | | |
|-------------------------------|---------|-----------------------------------|---|--------|---------------------------------|---------|--------------------------------|---|--------|
| CHEM | 1210/15 | Principles of Chemistry I/Lab | 5 | F/S/Su | CHEM | 1220/25 | Principles of Chemistry II/Lab | 5 | F/S/Su |
| MATH | 1210 | Calculus I | 4 | F/S/Su | MATH | 1220 | Calculus II | 4 | F/S/Su |
| CJ | 1010 | Intro to Criminal Justice | 3 | F/S/Su | BIOL | 1610/15 | General Biology I/Lab | 4 | F/S/Su |
| ENGL | 1010 | Intro. to Academic Writing | 3 | F/S/Su | XXXX | XXXX | Fine Arts Knowledge Area | 3 | F/S/Su |
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| 2nd Year Fall 21 (16 credits) | | | | | 2nd Year Spring 22 (15 credits) | | | | |
| CHEM | 2310/15 | Organic Chemistry I/Lab | 5 | F/S/Su | CHEM | 2320/25 | Organic Chemistry II/Lab | 5 | F/S/Su |
| BIOL | 1620/25 | General Biology II/Lab | 4 | F/S/Su | BIOL | 3060/65 | Genetics | 4 | F/S/Su |
| XXXX | XXXX | Humanities GE | 3 | F/S/Su | XXXX | XXXX | Free Electives/Minor Classes | 3 | F/S/Su |
| ENGL | 2010 | Intermediate Writing | 3 | F/S/Su | XXXX | XXXX | American Institutions | 3 | F/S/Su |
| INFO | 1010 | Information Literacy | 1 | F/S/Su | | | | | |
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| 3rd Year Fall 22 (15 credits) | | | | | 3rd Year Spring 23 (16 credits) | | | | |
| CHEM | 4110 | Biochemistry I | 4 | F/Su | CHEM | 4120 | Biochemistry II | 4 | S |
| CHEM | 3000/05 | Quantitative Analysis/Lab | 4 | F | BIOL | 3310/15 | Cell & Molecular Biology/Lab | 4 | S |
| Math | 1040 | Statistical Inference | 4 | F/S/Su | CJ | 1340 | Criminal Investigations | 3 | F/Su |
| CJ | 1350 | Intro. to Forensic Science | 3 | *A.N. | CHEM | 4990 | Chemistry Literatures/Seminar | 1 | S |
| | | | | | XXXX | XXXX | UD Electives/Minor Classes | 4 | F/S/Su |
| | | | | | | | | | |
| 4th Year Fall 23 (15 credits) | | | | | 4th Year Spring 24 (16 credits) | | | | |
| CHEM | 4540 | Selected Topics: (Qual. Analysis) | 3 | F | CHEM | 4230 | Instrumental Analysis | 3 | S-Even |
| CJ | 2350 | Laws of Evidence | 3 | F | CHEM | 4240 | Analysis Lab | 2 | S |
| PHYS | 2210/15 | Physics for Sci. & Engr I/Lab | 5 | F/S/Su | CJ | 3100 | Advanced Criminalistics | 3 | *A.N. |
| XXXX | XXXX | UD Electives/Minor Classes | 4 | F/S/Su | PHYS | 2220/25 | Physics for Sci. & Engr/Lab | 5 | F/S |
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Other Notes:

- (*A.N.) Course taught "As Needed". Sometimes this requires students to take the course through "Independent Study". See Advisor for details.
- (**) Options available - See catalog

Color Key:

- General Education Courses (green)
- Major-required courses that also fulfill GE requirement (purple)
- Major Courses (black)
- Electives/minor/etc. (red)