The forensic science option prepares students for entry-level positions in state and federal forensic science labs as well as for graduate and professional schools. Competitive internships at regional forensic labs are integrated into the curriculum along with research and independent study. Students must complete 45 hours of specified core courses (see footnote1) with a combined minimum GPA of 3.0 before being eligible to declare the forensic major. For all internships with law enforcement agencies, students will be required to pass a thorough background check. It is assumed that the student will enter the program ready to take MATH 161. To finish in four years, students must take an average load of more than 15 credits per quarter.

**Required Chemistry Courses (85 credits)**

- CHEM 140 Criminalistics and Forensic Chemistry (5)
- CHEM 151 General Chemistry (5)1
- CHEM 152 General Chemistry (5)1
- CHEM 153 General Chemistry (5)1
- CHEM 304 Quantitative Analysis (6)1
- CHEM 319 Modern Inorganic Chemistry (4)
- CHEM 351 Organic Chemistry (4)
- CHEM 352 Organic Chemistry (4)
- CHEM 353 Organic Chemistry (3)
- CHEM 372 Organic Chemistry Lab I (3)
- CHEM 373 Organic Chemistry Lab II (3)
- CHEM 420 Instrumental Analysis (5)
- CHEM 421 Physical Chemistry (4)
- CHEM 422 Physical Chemistry (3)
- CHEM 431 Physical Chemistry Laboratory (1)
- CHEM 445 Topics in Forensic Science (5)
- CHEM 450 Advanced Forensic Chemistry (5)
- CHEM 480 Biochemistry (5)
- CHEM 399/495/499 Internship/Research (5)
- CHEM 491 Senior Thesis (5)2

**Required Supporting Courses (60 credits)**

- BIOL 171 Biology I (5)1
- BIOL 172 Biology II (5)1
- BIOL 173 Biology III (5)
- BIOL 310 Fundamentals of Genetics (5)
- BIOL 438 Molecular Biology (5)
- CRIM 300 Introduction to Criminal Justice (5)
- MATH 161 Calculus I (5)1
- MATH 162 Calculus II (5)
- MATH 163 Calculus III (5)
- MATH 380 Elementary Probability and Statistics (5)
- PHYS 151 General Physics I (4)
- PHYS 152 General Physics II (4)
- PHYS 153 General Physics III (4)
- PHYS 161 Mechanics Laboratory (1)
- PHYS 162 Heat and Optics Laboratory (1)
- PHYS 163 Instrumentation Laboratory (1)

**Suggested Supporting Courses** (See your chemistry/biochemistry advisor.)

- BIOL 301 Microbiology (5)
- CMST 201 Public Speaking (5)
- CRIM 304 Forensic Inquiry (5)
- ENGL 205 Introduction to Technical Communication (5)
- GOVT 306 Basic Concepts of Criminal Law (5)

**Required program credits** 85 credits

**Required supporting credits** 65 credits

**Total credits for above major** 150 credits

**Suggested supporting credits** 25 credits

1 Core courses are to be completed before formal acceptance into the forensics major and enrollment in the forensic science internship course.

2 Students are required to do research on a forensic project and to take it for 5 credits (catalog description states 4–6 credits). Projects must be approved by the forensic science program advisor.

Note: the above option will require more than 12 terms (or 4 years) to complete at an average of 15 credits per term.