

Forensic Chemistry Option and Typical Schedule	
Fall	Spring
FIRST YEAR	
General Chemistry Lecture (4.0 cr) ¹ 01:160:161 OR 01:160:163	General Chemistry Lecture (4.0 cr) 01:160:162 OR 01:160:164
General Chemistry Laboratory (1.0 cr) 01:160:171 Either fall or spring	
Calculus I (4.0 cr) 01:640:151	Calculus II (4.0 cr) 01:640:152
Criminal Justice (3.0 cr) 01:202:201	Police (3.0 cr) 01:202:202
SECOND YEAR	
Organic Chemistry Lecture (4.0 cr) 01:160:307 OR 01:160:315 ² (by invitation)	Organic Chemistry Lecture (4.0 cr) 01:160:308 OR 01:160:316
General Physics (3.0 cr) 01:750:203	Organic Chemistry Laboratory ³ (2.5 cr) 01:160:309
General Physics Lab (1.0 cr) 01:750:205	General Physics (3.0 cr) 01:750:204
Statistics (3.0 cr) 01:960:379	General Physics Lab (1.0 cr) 01:750:206
	Criminal Procedure (3.0 cr) 01:202:205
THIRD YEAR	
Biochemistry 01:694:407 Molecular Biology and Biochemistry OR 11:115:403 General Biochemistry (3)	General Biology ⁴ 01:119:xxx
Organic Chemistry Laboratory (2.5 cr) 01:160:310	Analytical Chemistry (3.0 cr) 01:160:251
Chemical Bonding (1.5 cr) 01:160:361 ⁵	Inorganic Chemistry (3.0 cr) 01:160:371 ⁵
FOURTH YEAR	
Seminar (1.0 cr) 01:160:491	Seminar (1.0 cr) 01:160:492
Forensic Science (3.0 cr) 01:202:351	Forensic Science (3.0 cr) 01:202:352
Instrumental Analysis (3.0 cr) 01:160:348 ⁵	

Forensic Chemistry Option: Summary

The Department of Chemistry and Chemical Biology and the Program in Criminal Justice have created a new option for chemistry majors: Forensic Chemistry. It is intended for undergraduate students with a strong career interest in forensic science.

The option consists of courses offered by the Department of Chemistry and Chemical Biology, the Program in Criminal Justice, and in several other departments. It includes a year-long sequence in Forensic Science and a laboratory in Instrumental analysis. The aim of the program is to ensure that students who complete it will be technically competent, well versed in the scientific principles that underlie their work, and well informed about the societal and institutional criminal justice settings in which they do it.

Forensic Chemistry Option: Course and Scheduling Notes

¹ Pre-calculus prerequisite

² By invitation only.

³ Chem 309 is offered in the spring only; Chem 310 is offered only in the *fall* only.

⁴ The first semester of General Biology, 01:119 may be offered in the *spring* semester starting in 2016.

⁵ Chem 361 and 371 may be deferred for either one or two semesters, if desired. Both 361 and 371 are offered *fall* and *spring*. Chem 371 has Chem 361 and Chem 308 or 316 as pre-requisites.

⁶ Chem 348 has Chem 251 as a pre-requisite. Chem 348 is offered in the *fall* only; Chem 251 is offered both *fall* and *spring*.