The Department of Chemistry and Biochemistry offers a minor in Forensics. Forensic scientists are science and technology professionals that work alongside Law Enforcement and Criminal Forensic Investigators to help to convict the guilty and exonerate the innocent using sophisticated methods and technology based on the disciplines of chemistry, biology, and metrology to reconstruct events after the fact.

**Forensics Minor (18 Hours)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 107</td>
<td>Introduction to Forensic Science</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 107L</td>
<td>Introduction to Forensic Science Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CRJU 303</td>
<td>Criminal Procedure</td>
<td>3</td>
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</table>

**Science Electives**
Select two 3 credit lectures with 1 credit corresponding labs from the list below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIOL 302</td>
<td>Cell and Molecular Biology</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 302L</td>
<td>Cell and Molecular Biology Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 303</td>
<td>Fundamental Genetics</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 303L</td>
<td>Fundamental Genetics Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 462</td>
<td>Advanced Microbiology</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 462L</td>
<td>Advanced Microbiology Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 530</td>
<td>Histology</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 531</td>
<td>Parasitology</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 321</td>
<td>Quantitative Analysis</td>
<td>1</td>
</tr>
<tr>
<td>or CHEM 322</td>
<td>Analytical Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 321L</td>
<td>Quantitative Analysis Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>or CHEM 322L</td>
<td>Analytical Chemistry Laboratory</td>
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<tr>
<td>CHEM 621</td>
<td>Instrumental Analysis</td>
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<tr>
<td>CHEM 621L</td>
<td>Instrumental Analysis Lab</td>
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<tr>
<td>CHEM 622</td>
<td>Forensic Analytical Chemistry</td>
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</tr>
<tr>
<td>CHEM 550</td>
<td>Biochemistry</td>
<td>1</td>
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<tr>
<td>CHEM 550L</td>
<td>Biochemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 499</td>
<td>Undergraduate Research</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 399</td>
<td>Independent Study</td>
<td>1</td>
</tr>
</tbody>
</table>

**Criminology Electives**
Select one 3-credit course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ANTH 221</td>
<td>Forensics of Sherlock Holmes</td>
</tr>
<tr>
<td>ANTH 262</td>
<td>Basic Forensic Anthropology</td>
</tr>
<tr>
<td>ANTH 546</td>
<td>Forensic Archaeological Recovery (FAR)</td>
</tr>
<tr>
<td>ANTH 561</td>
<td>Human Osteology</td>
</tr>
<tr>
<td>ANTH 567</td>
<td>Human Identification in Forensic Anthropology</td>
</tr>
<tr>
<td>CHEM 499</td>
<td>Undergraduate Research</td>
</tr>
<tr>
<td>CRJU 210</td>
<td>Ethics in Criminal Justice</td>
</tr>
<tr>
<td>CRJU 311</td>
<td>Policing</td>
</tr>
<tr>
<td>CRJU 313</td>
<td>Criminal Courts</td>
</tr>
<tr>
<td>CRJU 341</td>
<td>Sociology of Crime</td>
</tr>
<tr>
<td>CRJU 420</td>
<td>Analyzing Homicide</td>
</tr>
<tr>
<td>CRJU 424</td>
<td>Criminal Justice Intelligence</td>
</tr>
<tr>
<td>CRJU 440</td>
<td>Homeland Security and Terrorism</td>
</tr>
<tr>
<td>PHIL 323</td>
<td>Ethics of Science and Technology</td>
</tr>
<tr>
<td>SOCY 353</td>
<td>Sociology of Crime</td>
</tr>
</tbody>
</table>

**Total Credit Hours** 18

1 These courses have prerequisites that may not be required by the program.

Note: Credit will not be granted for both CHEM 321/CHEM 321L and CHEM 322/CHEM 322L.