### Recommended Academic Plan for Forensic Science, Biology Option (FRNSC at University Park) – SP17

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Credits</th>
<th>Semester 2</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHEM 110/111 (GN) – Chemical Principles/Experimental Chemistry</td>
<td>4</td>
<td>CHEM 112/113 (GN) – General Principles/Experimental Chemistry</td>
<td>4</td>
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<tr>
<td>MATH 140 (GQ) – Calculus with Analytical Geometry I</td>
<td>4</td>
<td>MATH 141 (GQ) – Calculus with Analytical Geometry II</td>
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<tr>
<td>CRIM 100 – Intro. To the Criminal Justice System OR CRIM 113 – Intro. To Law</td>
<td>3</td>
<td>ENGL 15 (GWS) – Composition</td>
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<tr>
<td>Social and Behavioral Science (GS)</td>
<td>3</td>
<td>FRNSC 100 – Introduction to Forensic Science</td>
<td>3</td>
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<tr>
<td>* PSU 016 (Forensic Science First Year Seminar)</td>
<td>1</td>
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<tr>
<th>Semester 3</th>
<th>Credits</th>
<th>Semester 4</th>
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<tbody>
<tr>
<td>BMB 251 – Molecular and Cell Biology</td>
<td>3</td>
<td>MICRO 201 – Introductory Microbiology</td>
<td>3</td>
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<tr>
<td>FRNSC 210 – Essential Practices of Forensic Science</td>
<td>3</td>
<td>MICRO 202 – Introductory Microbiology Lab</td>
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<tr>
<td>PHYS 250 OR 211 (GN) – Intro. Physics I or General Physics: Mechanics</td>
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<td>STAT 250 (GQ) – Biostatistics</td>
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<tr>
<td>Arts (GA)</td>
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<td>PHYS 251 OR 212 – Introductory Physics II or General Physics: Mechanics</td>
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<th>Semester 5</th>
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<th>Semester 6</th>
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<tbody>
<tr>
<td>*FRNSC 410 – A Scientific Approach to CSI</td>
<td>2</td>
<td>BMB 401 – General Biochemistry I</td>
<td>3</td>
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<tr>
<td>BIOL 222 – Genetics OR BIOL 322 – Genetic Analysis</td>
<td>3</td>
<td>FRNSC 411 – Crim: Trace and Impression Evidence</td>
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<td>FRNSC 413 – Crim: Biology</td>
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<td>FRNSC 415W – Lab in CSI</td>
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<td>Social/Behavioral Science (GS)</td>
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<td>PHIL 152 (GH) – Bioethics</td>
<td>3</td>
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<tr>
<td>CAS 100 (GWS) – Speech</td>
<td>3</td>
<td>ENGL 202 (GWS) A or C preferred</td>
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<td>Supporting – List A/B</td>
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<tr>
<th>Semester 7</th>
<th>Credits</th>
<th>Semester 8</th>
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<tbody>
<tr>
<td>*BMB 400 – Molecular Biology of the Gene</td>
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<td>FRNSC 485W – Coalescence of Forensic Science Concepts</td>
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<td>Supporting – List A/B</td>
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<td>FRNSC 475 – Forensic Science Seminar</td>
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<tr>
<td>FRNSC 400 – Courtroom Testimony</td>
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<tr>
<td>Arts (GA)</td>
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<td>*FRNSC 421W – Forensic Molecular Biology</td>
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<tr>
<td>Health/Phys (GHA)</td>
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<td>Humanities (GH)</td>
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<tr>
<td>BMB 442 – Laboratory in Proteins, Nucleic Acids, and Molecular Cloning</td>
<td>3</td>
<td>Supporting – List A/B</td>
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<tr>
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<td>16</td>
<td>Total Credits:</td>
<td>15</td>
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</tbody>
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- **Bold** type indicates courses requiring a quality grade of C or better
- **Bold Italic** – see bold and italics
- Italic indicates courses that satisfy both major and General Education requirements
- * is only offered in the that semester
- **GWS, GHA, GQ, GN, GA, GH,** and **GS** are codes used to identify General Education requirements
- **W** is the code used to designate courses that satisfy University Writing Across the Curriculum requirement