<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CHEM 1113 &amp; 1114 (5) Gen. Chem. 1 &amp; Lab *Fall/Spring/Summer</td>
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<tr>
<td></td>
<td>MATH 1300 (5) Calculus 1 *Fall/Spring/Summer</td>
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<tr>
<td></td>
<td>CHEM 1133 &amp; 1134 (5) Gen. Chem. 2 &amp; Lab *Fall/Spring/Summer</td>
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<tr>
<td></td>
<td>MATH 2300 (5) Calculus 2 *Fall/Spring/Summer</td>
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<tr>
<td>2</td>
<td>CHEM 3311 &amp; 3321 (5) Organic 1 &amp; Lab *Fall/Spring/Summer</td>
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<tr>
<td></td>
<td>Biology 1 &amp; lab (3-5) Refer to Catalog</td>
</tr>
<tr>
<td>3</td>
<td>CHEM 3331 &amp; 3341 (5) Organic 2 &amp; Lab *Fall/Spring/Summer</td>
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<tr>
<td></td>
<td>Biology 2 &amp; lab (3-5) Refer to Catalog</td>
</tr>
<tr>
<td>4</td>
<td>BCHM 2700 (4) Foundations of Biochem. *Fall/Spring</td>
</tr>
<tr>
<td></td>
<td>PHYS 1110 (4) Physics 1 *Fall/Spring/Summer</td>
</tr>
<tr>
<td>5</td>
<td>BCHM 4740 (4) Gene Transmission *Spring</td>
</tr>
<tr>
<td></td>
<td>PHYS 1120 &amp; 1140 (5) Physics 2 and Lab *Fall/Spring/Summer</td>
</tr>
<tr>
<td>6</td>
<td>BCHM 4720 (4) Metabolic Pathways *Fall/Spring</td>
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<td></td>
<td>BCHM 4400 (4) Physical Chemistry *Fall/Spring</td>
</tr>
<tr>
<td>7</td>
<td>BCHM 4761 (3) Biochemistry Lab *Fall/Spring</td>
</tr>
</tbody>
</table>

Advanced Electives (Choose 3 Courses) Refer to Catalog
**BCHM Sample Plan – Exploratory Sequence**

**Semester**

1. **CHEM 1021 (4)**
   - Introductory Chemistry
   - *Fall/Spring/Summer

2. **CHEM 1113 & 1114 (5)**
   - Gen. Chem. 1 & Lab
   - *Fall/Spring/Summer

3. **CHEM 1133 & 1134 (5)**
   - Gen. Chem. 2 & Lab
   - *Fall/Spring/Summer

4. **CHEM 3311 & 3321 (5)**
   - Organic 1 & Lab
   - *Fall/Spring/Summer

5. **BCHM 2700 (4)**
   - Foundations of Biochem.
   - *Fall/Spring

   **CHEM 3331 & 3341 (5)**
   - Organic 2 & Lab
   - *Fall/Spring/Summer

6. **BCHM 4740 (4)**
   - Gene Transmission
   - *Spring

   **PHYS 1110 (4)**
   - Physics 1
   - *Fall/Spring/Summer

7. **BCHM 4720 (4)**
   - Metabolic Pathways
   - *Fall/Spring

   **PHYS 1120 & 1140 (5)**
   - Physics 2 and Lab
   - *Fall/Spring/Summer

8. **BCHM 4761 (3)**
   - Biochemistry Lab
   - *Fall/Spring

   **BCHM 4400 (4)**
   - Physical Chemistry
   - *Fall/Spring

*Terms offered*

- GE/Electives (3-6) Lower Division Writing
- Foreign Language?
- GE/Electives (3-6)
- GE/Electives (3-9)
- GE/Electives (3-9)
- GE/Electives (3-9)
- GE/Electives (3-9)
- GE/Electives (3-9)

Denotes pre- or co-requisite

Start with either Math or Biology sequence

**Advanced Electives**
(Choose 3 Courses)
Refer to Catalog