Since the Biochemistry major is rigorous and highly sequential, summer session options are included to promote timely progress to degree while maintaining a manageable course load.

### Math Placement is Intermediate Algebra (ARC 35)

<table>
<thead>
<tr>
<th>Year One</th>
<th>Year Two</th>
<th>Year Three</th>
<th>Year Four</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>Winter</td>
<td>Spring</td>
<td>Summer</td>
</tr>
<tr>
<td>Intermediate Algebra 35&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Math 6A&lt;sup&gt;(b)&lt;/sup&gt;</td>
<td>Math 6B&lt;sup&gt;(c)&lt;/sup&gt;</td>
<td>Chemistry 1A, 1LA&lt;sup&gt;(d)&lt;/sup&gt;</td>
</tr>
<tr>
<td>English 1A&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>English 1B&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Chemistry 1B, 1LB&lt;sup&gt;(f)&lt;/sup&gt;</td>
</tr>
<tr>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Biochemistry 96&lt;sup&gt;(g)&lt;/sup&gt;</td>
</tr>
<tr>
<td>Biochemistry 95&lt;sup&gt;(h)&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry 1C, 1LC&lt;sup&gt;(i)&lt;/sup&gt;</td>
<td>Chemistry 8A/8LA&lt;sup&gt;(j)&lt;/sup&gt;</td>
<td>Chemistry 8B/8LB&lt;sup&gt;(k)&lt;/sup&gt;</td>
<td>Chemistry 8C/8LC&lt;sup&gt;(l)&lt;/sup&gt;</td>
</tr>
<tr>
<td>Biology 5A, 5LA&lt;sup&gt;(m)&lt;/sup&gt;</td>
<td>Biology 5B&lt;sup&gt;(m)&lt;/sup&gt;</td>
<td>Biology 5C&lt;sup&gt;(n)&lt;/sup&gt;</td>
<td>*Biochemistry 100 &lt;sup&gt;Optional&lt;/sup&gt;&lt;sup&gt;(o)&lt;/sup&gt;</td>
</tr>
<tr>
<td>Math 7A&lt;sup&gt;(m)&lt;/sup&gt;</td>
<td>Math 7B&lt;sup&gt;(m)&lt;/sup&gt;</td>
<td>Physics 2A, 2LA&lt;sup&gt;(m)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Biochemistry 15&lt;sup&gt;(p)&lt;/sup&gt;</td>
<td>Math 46 &lt;sup&gt;Optional&lt;/sup&gt;&lt;sup&gt;(q)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Biochemistry 110A&lt;sup&gt;(r)&lt;/sup&gt;</td>
<td>Biochemistry 110B&lt;sup&gt;(s)&lt;/sup&gt;</td>
<td>Biochemistry 110C&lt;sup&gt;(t)&lt;/sup&gt;</td>
<td>Statistics 10&lt;sup&gt;(u)&lt;/sup&gt;</td>
</tr>
<tr>
<td>Biology 102&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>UD Biochemistry Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Physics 2B, 2LB&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Physics 2C, 2LC&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Minimum units 180</td>
</tr>
<tr>
<td>Chemistry 109&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Biochemistry 184&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Biochemistry 120&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>English 1C or 1SC&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Biochemistry 162&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Cell Biology &amp; Neuroscience 101&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td></td>
</tr>
</tbody>
</table>

### Math Placement is MATH 5

<table>
<thead>
<tr>
<th>Year One</th>
<th>Year Two</th>
<th>Year Three</th>
<th>Year Four</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>Winter</td>
<td>Spring</td>
<td>Summer</td>
</tr>
<tr>
<td>Math 5&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Math 7A&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Math 7B&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
</tr>
<tr>
<td>English 1A&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>English 1B&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Biology 5A, 5LA&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Chemistry 1A, 1LA&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Chemistry 1B, 1LB&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Chemistry 1C, 1LC&lt;sup&gt;(a)&lt;/sup&gt;</td>
</tr>
<tr>
<td>Biochemistry 95&lt;sup&gt;(i)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Biochemistry 96&lt;sup&gt;(i)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Chemistry 8A/8LA&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Chemistry 8B/8LB&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Chemistry 8C/8LC&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Biology 5B&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Biology 5C&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Physics 2C, 2LC&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Physics 2A, 2LA&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Physics 2B, 2LB&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Math 46 &lt;sup&gt;Optional&lt;/sup&gt;&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Biochemistry 15&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>*Biochemistry 100 &lt;sup&gt;Optional&lt;/sup&gt;&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Biochemistry 110A&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Biochemistry 110B&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Biochemistry 110C&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>UD Biochemistry Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
</tr>
<tr>
<td>Biology 102&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Statistics 10&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>UD Biochemistry Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Biochemistry 98I&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry 109&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Biochemistry 184&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Biochemistry 120&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>English 1C or 1SC&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Biochemistry 162&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Cell Biology &amp; Neuroscience 101&lt;sup&gt;(a)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td>Breadth or Elective&lt;sup&gt;(e)&lt;/sup&gt;</td>
<td></td>
</tr>
</tbody>
</table>

Minimum units 180

Updated 07/19/2022
### Year One

- **Fall**
  - Math 6A (4)
  - English 1A (4)
  - Chemistry 1W (4)
  - Biochemistry 95 (4)
  - Math 7B (4)
  - Biochemistry 110A (4)
  - Math 8A/8LA (4)
  - Biology 5A (4)
  - Physics 2A, 2LA (4)
  - Math 7B (4)
  - Biochemistry 110B (4)
  - Biochemistry 102 (2)
  - Breadth or Elective (4)
- **Winter**
  - Math 6B (4)
  - English 1B (4)
  - Chemistry 1A, 1LA (4)
  - Breadth or Elective (4)
  - Chemistry 1B, 1LB (4)
  - Physics 2B, 2LB (4)
  - Biochemistry 15 (4)
  - Statistics 10 (4)
  - Breadth or Elective (4)
  - Biochemistry 96 (4)
  - Math 46 (Optional) (4)
- **Spring**
  - Math 7A (4)
  - Biology 5A, 5LA (4)
  - Chemistry 1B, 1LB (4)
  - Biochemistry 1B, 1LB (4)
  - Chemistry 1C, 1LC (4)
  - Physics 2C, 2LC (4)
  - Breadth or Elective (4)
  - Biochemistry 162 (5)
  - Breadth or Elective (4)
  - Biochemistry 100 (Optional) (4)
- **Summer**
  - Breadth or Elective (4)
  - Breadth or Elective (4)
  - Breadth or Elective (4)
  - Minimum units 180

### Year Two

- **Fall**
  - Math 7A (4)
  - English 1A (4)
  - Chemistry 1A, 1LA (4)
  - Biochemistry 95 (1)
  - Math 7B (4)
  - Biochemistry 110B (4)
  - Biochemistry 102 (4)
  - Statistics 10 (4)
  - Breadth or Elective (4)
  - Biochemistry 98I (1)
  - Breadth or Elective (4)
  - Biochemistry 120 (4)
- **Winter**
  - Math 6B (4)
  - English 1B (4)
  - Chemistry 1A, 1LA (4)
  - Breadth or Elective (4)
  - Chemistry 1B, 1LB (4)
  - Physics 2B, 2LB (4)
  - Biochemistry 15 (4)
  - Biochemistry 110A (4)
  - Breadth or Elective (4)
  - Biochemistry 96 (3)
- **Spring**
  - Math 7A (4)
  - Biology 5A, 5LA (4)
  - Chemistry 1B, 1LB (4)
  - Biochemistry 1B, 1LB (4)
  - Chemistry 1C, 1LC (4)
  - Physics 2C, 2LC (4)
  - Breadth or Elective (4)
  - Biochemistry 162 (5)
  - Breadth or Elective (4)
  - *Biochemistry 100 (Optional)* (4)
- **Summer**
  - Breadth or Elective (4)
  - Breadth or Elective (4)
  - Breadth or Elective (4)
  - Minimum units 180

### Year Three

- **Fall**
  - Math 7B (4)
  - English 1A (4)
  - Chemistry 1A, 1LA (4)
  - Biochemistry 95 (1)
  - Math 8A/8LA (4)
  - Biochemistry 110B (4)
  - Biology 5C (4)
  - Breadth or Elective (4)
  - Biochemistry 98I (1)
  - Breadth or Elective (4)
  - Biochemistry 120 (4)
- **Winter**
  - Math 8B/8LB (4)
  - English 1B (4)
  - Chemistry 1A, 1LA (4)
  - Chemistry 1B, 1LB (4)
  - Chemistry 1C, 1LC (4)
  - Physics 2B, 2LB (4)
  - Biochemistry 110 (4)
  - Statistics 10 (4)
  - Breadth or Elective (4)
  - Biochemistry 98I (1)
- **Spring**
  - Math 7A (4)
  - Biology 5A, 5LA (4)
  - Chemistry 1B, 1LB (4)
  - Biochemistry 1B, 1LB (4)
  - Chemistry 1C, 1LC (4)
  - Physics 2C, 2LC (4)
  - Breadth or Elective (4)
  - Biochemistry 162 (5)
  - Breadth or Elective (4)
  - *Biochemistry 100 (Optional)* (4)
- **Summer**
  - Breadth or Elective (4)
  - Breadth or Elective (4)
  - Breadth or Elective (4)
  - Minimum units 180

### Year Four

- **Fall**
  - Math 6A (4)
  - English 1A (4)
  - Chemistry 1W (4)
  - Biochemistry 95 (4)
  - Math 7B (4)
  - Biochemistry 110B (4)
  - Biochemistry 102 (4)
  - Statistics 10 (4)
  - Breadth or Elective (4)
  - Biochemistry 98I (1)
  - Breadth or Elective (4)
- **Winter**
  - Math 6B (4)
  - English 1B (4)
  - Chemistry 1A, 1LA (4)
  - Breadth or Elective (4)
  - Chemistry 1B, 1LB (4)
  - Physics 2B, 2LB (4)
  - Biochemistry 15 (4)
  - Biochemistry 110A (4)
  - Breadth or Elective (4)
  - Biochemistry 96 (3)
- **Spring**
  - Math 7A (4)
  - Biology 5A, 5LA (4)
  - Chemistry 1B, 1LB (4)
  - Biochemistry 1B, 1LB (4)
  - Chemistry 1C, 1LC (4)
  - Physics 2C, 2LC (4)
  - Breadth or Elective (4)
  - Biochemistry 162 (5)
  - Breadth or Elective (4)
  - *Biochemistry 100 (Optional)* (4)
- **Summer**
  - Breadth or Elective (4)
  - Breadth or Elective (4)
  - Breadth or Elective (4)
  - Minimum units 180

---

**Math Placement is MATH 6A**

- Fall: Math 6A (4)
- Winter: Math 6B (4)
- Spring: Math 7A (4)
- Summer: Breadth or Elective (4)

**Math Placement is MATH 7A**

- Fall: Math 7A (4)
- Winter: Math 7B (4)
- Spring: Math 46 (Optional) (4)
- Summer: Breadth or Elective (4)

Updated 07/19/2022
<table>
<thead>
<tr>
<th>Year One</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 7B,a</td>
<td>Math 46 (Optional) (4)</td>
<td>Breadth or Elective (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English 1A (4)</td>
<td>English 1B (4)</td>
<td>Chemistry 1C, 1LC (5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry 1A, 1LA (4)</td>
<td>Chemistry 1B, 1LB (3)</td>
<td>Biochemistry 96 (3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biochemistry 95 (1)</td>
<td>Biology 5A, 5LA (4)</td>
<td>Biology 5B (4)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year Two</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 8A/8LA (4)</td>
<td>Chemistry 8B/8LB (4)</td>
<td>Chemistry 8C/8LC (5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology 5C (4)</td>
<td>Breadth or Elective (4)</td>
<td>Breadth or Elective (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics 2A, 2LA (3)</td>
<td>Physics 2B, 2LB (3)</td>
<td>Physics 2C, 2LC (3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breadth or Elective (4)</td>
<td>Biochemistry 15 (4)</td>
<td>*Biochemistry 100 (Optional) (4)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year Three</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biochemistry 110A (4)</td>
<td>Biochemistry 110B (4)</td>
<td>Biochemistry 110C (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology 102 (4)</td>
<td>Statistics 10 (3)</td>
<td>UD Biochemistry Elective (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breadth or Elective (4)</td>
<td>Breadth or Elective (4)</td>
<td>Biochemistry 98L (1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breadth or Elective (4)</td>
<td>Breadth or Elective (4)</td>
<td>Breadth or Elective (4)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year Four</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 109 (3)</td>
<td>Biochemistry 184 (3)</td>
<td>Biochemistry 120 (5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English 1C or 1SC (4)</td>
<td>Biochemistry 162 (3)</td>
<td>Breadth or Elective (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cell Biology &amp; Neuroscience 101 (4)</td>
<td>Breadth or Elective (4)</td>
<td>Breadth or Elective (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breadth or Elective (4)</td>
<td>Breadth or Elective (4)</td>
<td>Breadth or Elective (4)</td>
<td><strong>Minimum units 180</strong></td>
<td></td>
</tr>
</tbody>
</table>

*NOTE*

**BCH 100 ENROLLMENT:** Students who earn a grade lower than “B-” in BIOL 5A or CHEM 08A are strongly encouraged to complete BCH 100 during their second year of residence to better prepare themselves for BCH 110A, BCH 110B, and BCH 110C.

**MATH**—Please ensure that you follow the math pathway provided and work your way through the MATH 7 series.

**STAT 100A**—Acceptable if taken prior to Fall 2021.