### University Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 110 (need a C-)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multicultural Course</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year Experience</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discovery Learning Experience (Experimental Biology course)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capstone Experience (for students entering in Fall 2017 and later)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residency: must complete either 90 out of the first 100 credits at UD, or 30 out of the final 36 credits at UD.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### College of A&S Skills Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second Writing Course (min. grade C; course must be taken after completion of at least 60 college credits to satisfy this requirement; approved courses are section-specific)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foreign Language (min. grade D; must complete the intermediate level (107 or 112 or 202 (depending on the language) or higher or exemption)</td>
<td>0-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math (min. grade D; MATH 113, 114, 115 or 117 or a MATH course at the 2xx level or above (but NOT 201, 202, 205, 250, 251, 252, 253, 266, 300, or 450). Or proficiency exam)</td>
<td>3-4 MATH 221 or 241</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### University and College of Arts and Sciences

#### Breadth Requirements (combined)

Min. grade C- in each course (may not be taken pass/fail). University Breadth courses must be taken from four different subject areas. Students in a single major may NOT satisfy these with courses from their major area. Within each breadth group, courses must be from at least two departments.

<table>
<thead>
<tr>
<th>Group A: Creative Arts and Humanities</th>
<th>Credits</th>
<th>Course</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Course</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Course</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Course</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group B: History and Cultural Change</th>
<th>Credits</th>
<th>Course</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Course</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Course</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Course</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group C: Social and Behavioral Sciences</th>
<th>Credits</th>
<th>Course</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Course</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Course</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Course</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group D: Mathematics, Natural Sciences, &amp; Technology (Including one lab)</th>
<th>Credits</th>
<th>Course</th>
<th>✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Course</td>
<td>4</td>
<td>CHEM 103 or 107</td>
<td></td>
</tr>
<tr>
<td>College Course with lab</td>
<td>4</td>
<td>BISC 207</td>
<td></td>
</tr>
<tr>
<td>College Course</td>
<td>4</td>
<td>BISC 208</td>
<td></td>
</tr>
</tbody>
</table>

July 2017
### Biology Major Requirements

**Biology Courses:** Minimum grade C- required in all BISC courses for a total of at least 33 credits in biology

**Required Core Courses:** Take all three

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Completed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>BISC 207</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BISC 208</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BISC 403</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Elective Core Courses:** Select any 2 of the following 6

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Completed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>BISC 300</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BISC 302</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BISC 305</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BISC 306</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BISC 401</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BISC 495</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Course in Experimental Biology:** The corresponding lecture is a prerequisite. (THE LECTURE AND THE LAB CANNOT BE TAKEN SIMULTANEOUSLY). Choose one from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Completed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>BISC 312</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BISC 315</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BISC 316</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BISC 411</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BISC 413</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BISC 484</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Literature-based Biology Course:** Choose one from approved list (see catalog for current list)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Completed?</th>
</tr>
</thead>
</table>

**Biology Electives:** Biology courses at the 300-level or above. Six of the 33 cr. may come from a list of approved courses from other academic units (see catalog for current list). Min. grade of C (not C-) is required for courses from other academic units.

**Related Coursework:** Min. grade of D (not D-) is required.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Completed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103 or CHEM 107</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHEM 104 or CHEM 108</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHEM 321/325 and CHEM 322/326 Or CHEM 213/215 and CHEM 214/216</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>PHYS 201 or PHYS 207</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYS 202 or PHYS 208</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 221 or MATH 241</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>STAT 200 or equivalent</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Free Electives:** sufficient elective credits must be taken to meet the minimum credit requirement for the degree = 124 credits