The following study program is recommended for students whose performance on the ALEKS math placement test is at least 88% on Prep for College Algebra or 65% on Prep for Calculus, permitting them to enroll in MATH 120R and CHEM 151.

**FRESHMAN YEAR**

(Students Enrolls in the College of Medicine as a Pre-Physiology Major)

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Units / UD</th>
<th>Second Semester</th>
<th>Units / UD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 - First-Year Composition 1</td>
<td>3</td>
<td>ENGL 102 - First-Year Composition 2</td>
<td>3</td>
</tr>
<tr>
<td>MATH 120R – Calculus Preparation</td>
<td>4</td>
<td>MATH 122A/122B – Calculus 1</td>
<td>1/4</td>
</tr>
<tr>
<td>CHEM 151 - General Chemistry 1 Lecture/Lab</td>
<td>4</td>
<td>CHEM 152 - General Chemistry 2 Lecture/Lab</td>
<td>4</td>
</tr>
<tr>
<td>*General Education Tier 1 (150# or 160#)</td>
<td>3</td>
<td>*General Education Tier 1 (150# or 160#)</td>
<td>3</td>
</tr>
<tr>
<td>Freshman Colloquium</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>15 (0)</td>
<td><strong>Total</strong></td>
<td>15 (0)</td>
</tr>
</tbody>
</table>

**SOPHOMORE YEAR**

(Student Applies for Admission to the Physiology Major) (Honors students start prospectus search)

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Units / UD</th>
<th>Second Semester</th>
<th>Units / UD</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 129 – Calculus 2</td>
<td>3</td>
<td>CHEM 241b - Organic Chemistry 2 Lecture</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 241a – Organic Chemistry 1 Lecture</td>
<td>3</td>
<td>CHEM 243b - Organic Chemistry 2 Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 243a – Organic Chemistry 1 Lab</td>
<td>1</td>
<td>PSIO 202 - Human Anatomy &amp; Physiology 2</td>
<td>4</td>
</tr>
<tr>
<td>PSIO 201 - Human Anatomy &amp; Physiology 1</td>
<td>4</td>
<td>*General Education Tier 1 (150# or 160#)</td>
<td>3</td>
</tr>
<tr>
<td>*General Education Tier 1 (150# or 160#)</td>
<td>3</td>
<td>*General Education Tier 2</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>14 (0)</td>
<td><strong>Total</strong></td>
<td>17-16 (0)</td>
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</table>

**JUNIOR YEAR**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Units / UD</th>
<th>Second Semester</th>
<th>Units / UD</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 102 - Introductory Physics 1 Lecture</td>
<td>3</td>
<td>PHYS 103 - Introductory Physics 2 Lecture</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 181 - Introductory Physics 1 Lab</td>
<td>1</td>
<td>PHYS 182 - Introductory Physics 2 Lab</td>
<td>1</td>
</tr>
<tr>
<td>MCB 181R - Introductory Biology 1 Lecture</td>
<td>3</td>
<td>ECOL 182R - Introductory Biology 2 Lecture</td>
<td>3</td>
</tr>
<tr>
<td>MCB 181L - Introductory Biology 1 Lab</td>
<td>1</td>
<td>ECOL 182L - Introductory Biology 2 Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSIO 303A – Integrative Cellular Physiology</td>
<td>3</td>
<td>PSIO 303B – Integrative Cellular Physiology</td>
<td>3 (3)</td>
</tr>
<tr>
<td>*General Education Tier 2</td>
<td>3</td>
<td>PSIO Major Elective</td>
<td>3 (3)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>14 (3)</td>
<td><strong>Total</strong></td>
<td>17 (9)</td>
</tr>
</tbody>
</table>

**SENIOR YEAR**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Units / UD</th>
<th>Second Semester</th>
<th>Units / UD</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOC 384 or 385 – Biochemistry</td>
<td>3 (3)</td>
<td>PSIO Major Elective</td>
<td>3 (3)</td>
</tr>
<tr>
<td>PSIO Major Elective (or <strong>PSIO495H)</strong></td>
<td>3 (3)</td>
<td>PSIO Major Elective (or <strong>PSIO498H)</strong></td>
<td>3 (3)</td>
</tr>
<tr>
<td>General Elective (or <strong>PSIO498H)</strong></td>
<td>3 (3)</td>
<td>General Elective (approved by advisor)</td>
<td>3 (3)</td>
</tr>
<tr>
<td>General Elective (approved by advisor)</td>
<td>3 (3)</td>
<td>General Elective (approved by advisor)</td>
<td>3 (3)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>15 (15)</td>
<td><strong>Total</strong></td>
<td>15 (15)</td>
</tr>
</tbody>
</table>

*General Education Courses:

**Tier One:** Two courses from the Traditions and Cultures (choose one course from two of the four 160 subcategories) and two courses from the Individuals and Societies (choose one course from two of the three 150 subcategories).

**Tier Two:** 3 units in Arts, one course in Humanities, and one course in Individuals and Societies.

**Diversity:** One general elective course must focus either on a non-western culture, race, gender, class, or ethnicity.

**TOTAL UNITS REQUIRED FOR DEGREE = 120**

A minimum of 42 upper-division (UD) units (300, 400) are required for graduation.

**Honors Students:** Recommend PSIO295H to be taken sophomore year. And PSIO495H and 1st semester Honors Thesis (PSIO498H) to be taken concurrently in senior year. Please plan accordingly.