## Transfer Sample Program

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<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer (Recommended)</th>
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<tr>
<td><strong>Year 1</strong></td>
<td>Complete transfer requirements at a community college:</td>
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<td>1 year of Bio = BIO SCI 93 &amp; 94 AND</td>
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<td>1 year of General Chem = CHEM 1A-1C &amp; 1LC</td>
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<td><strong>Year 2</strong></td>
<td>BIO SCI 97 &lt;br&gt; CHEM 51A &lt;br&gt; MATH 2B &lt;br&gt; BIO SCI 194S</td>
<td>BIO SCI 98 &lt;br&gt; CHEM 51B/51LB &lt;br&gt; STATS 7 or 8</td>
<td>BIO SCI 99 &lt;br&gt; CHEM 51C/51LC &lt;br&gt; GE</td>
<td>Study Abroad - UCEAP &lt;br&gt; PHRMSCI 120 or during Fall of 2nd year</td>
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<td><strong>Year 3</strong></td>
<td>PHRMSCI 120, 120L &lt;br&gt; PHYSICS 3A &lt;br&gt; BIO SCI 100 (P/NP) or during Winter or Spring of 3rd year</td>
<td>PHRMSCI 170A &lt;br&gt; PHRMSCI 42 &lt;br&gt; PHYSICS 3B/LB &lt;br&gt; PHRMSCI UD Elective</td>
<td>PHRMSCI 170B &lt;br&gt; PHYSICS 3C/LC &lt;br&gt; GE</td>
<td>Study Abroad - UCEAP &lt;br&gt; PHRMSCI 174L or during Fall of 3rd year</td>
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<td><strong>Year 4</strong></td>
<td>PHRMSCI 171 &lt;br&gt; PHRMSCI 172 &lt;br&gt; PHRMSCI 174, 174L</td>
<td>PHRMSCI 177/177L &lt;br&gt; PHRMSCI UD Elective &lt;br&gt; GE</td>
<td>PHRMSCI 173 &lt;br&gt; PHRMSCI 76 UD Elective &lt;br&gt; PHRMSCI 76 &lt;br&gt; GE</td>
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## Upper Division Electives (8 units to graduate)

### Biological Sciences

- D103 Cellular Biology
- D104 Developmental Biology
- D111L Developmental and Cell Biology Lab
- D126 Systems Biology of Human Disorders
- D129 Biotechnology and Plant Breeding
- D136 Human Anatomy
- D137 Eukaryotic and Human Genetics
- D145 Genomics and Proteomics
- D148 Development and Disease 2
- D151 Advanced Cell Biology 1
- D153 Molecular and Cellular Basics of Disease
- D170 Applied Human Anatomy
- E136 The Physiology of Human Nutrition
- E137 Genetics of Complex Traits
- E141 Cell Signaling in Development
- E142 Writing/Philosophy of Biology
- E189 Environmental Ethics
- M114 Advanced Biochemistry
- M114L Biochemistry Laboratory
- M116L Molecular Biology Laboratory
- M118L Experimental Microbiology Laboratory
- M120 Signal Transduction in Mammalian Cells
- M121 Immunology with Hematology
- M122 General Microbiology
- M122L General Microbiology Laboratory
- M123 Introduction to Computational Biology
- M124A Virology
- M124B Viral Pathogenesis and Immunity
- M124L Virus Engineering Laboratory
- M125 Molecular Biology of Cancer
- M128 Genetic Engineering
- M137 Microbial Genetics
- M143 Human Parasitology
- M144 Cell Organelles and Membranes
- N110 Neurobiology
- N113L Neurobiology Laboratory
- N153 Neuropharmacology
- N154 Molecular Neurobiology
- N171 Neurobiology of Transmitter Receptors

### Physical Sciences

- 107 Inorganic Chemistry I
- 107L Inorganic Chemistry Laboratory
- 125 Advanced Organic Chemistry
- 128 Introduction to Chemical Biology
- 128L Introduction to Chemical Biology Lab Techniques
- 138 Introduction to Computational Organic Chemistry
- 156 Advanced Lab in Chemistry and Synthesis of Materials
- 160 Organic Synthesis Laboratory
- 170 Radioisotope Techniques

### Public Health

- 121 Introduction to Complementary and Alternative Medicine