# Transfer Sample Program: Curriculum A

## Community College Courses

Complete transfer requirements at a community college:

- General Biology = BIO SCI 93, 94, 97, 98, 99
- 1 year of General Chemistry = CHEM 1A, 1B, 1C & 1LC, 1LD

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>PHRMSCI 1 (1)</td>
<td>PHRMSCI 42 (2)</td>
<td>PHRMSCI 170B (4)</td>
<td>BIO SCI 100 &amp; PHYSICS 3C must be completed before Fall of 4th year</td>
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<tr>
<td></td>
<td>PHRMSCI 120, 120L (6)</td>
<td>PHRMSCI 170A (4)</td>
<td>PHYSICS 3C (4)</td>
<td>Study Abroad (optional)</td>
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<tr>
<td></td>
<td>MATH 2A (4)</td>
<td>PHYSICS 3B (4)</td>
<td>PHRMSCI 76 (2)</td>
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<tr>
<td></td>
<td>PHYSICS 3A (4)</td>
<td>MATH 2B (4)</td>
<td>GE/UD Elective #1</td>
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<tr>
<td></td>
<td>BIO SCI 100 (3,P/NP)</td>
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<td>GE/UD Elective #1</td>
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<td>GE/UD Elective #1</td>
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<tr>
<td>4</td>
<td>PHRMSCI 171 (4)</td>
<td>PHRMSCI 177, 177L (7)</td>
<td>PHRMSCI 173 (4)</td>
<td>*180 minimum units needed to graduate</td>
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<tr>
<td></td>
<td>PHRMSCI 172 (2, P/NP)</td>
<td>STATS 7, 8 or MATH 2D, 3A (4)</td>
<td>GE/UD Elective #2</td>
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<td>PHRMSCI 174, 174L (7)</td>
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<td>GE/UD Elective #2</td>
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<td>GE</td>
<td></td>
<td>GE/UD Elective #2</td>
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</tbody>
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*Bolded courses MUST be taken in the indicated quarter/year

## Pre-PharmD courses (common pre-requisites for pharmacy schools)

**Upper Division Electives (8 units to graduate)**

### Biological Sciences
- D103 Cellular Biology
- D104 Developmental Biology
- D11L Developmental and Cell Biology Lab
- D136 Human Anatomy (summer only, no lab)
- D145 Genomics and Proteomics
- D148 Development and Disease2
- D170 Applied Human Anatomy (includes lab)
- E136 The Physiology of Human Nutrition
- E139 Animal Locomotion
- E142 Writing/Philosophy of Biology
- M114 Advanced Biochemistry
- M114L Biochemistry Laboratory
- M116L Molecular Biology Laboratory
- M118L Experimental Microbiology Laboratory
- M121 Immunology with Hematology
- M122 General Microbiology
- M123 Introduction to Computational Biology
- M124A Virology
- M124B Viral Pathogenesis and Immunity
- M124L Virus Engineering Laboratory
- M125 Molecular Biology of Cancer
- M137 Microbial Genetics
- M143 Human Parasitology
- M144 Cell Organelles and Membranes
- N110 Neurobiology
- N113L Neurobiology Laboratory
- N153 Neuropharmacology
- N154 Molecular Neurobiology

### 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

### Public Health
- 121 Introduction to Complementary and Alternative Medicine
- 135 Medical Sociology
- 147 Drug Abuse Prevention

### Pharmaceutical Sciences
- 155 Neuropsychopharmacology
- 163 Pharmacogenomics and Epigenetics
- 175 Drug Discovery Computing Techniques
- 179 Emerging Technologies in Pharmaceutical Sciences and Medicine

**Note**

3 UCLC Modules are pre-requisites for BIO SCI research and upper-division BIO SCI lab courses

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UCI Pharmaceutical Sciences