

# Transfer Pre-PharmD Sample Program

|                          | Fall   | Winter  | Spring  | Requirements  |
|--------------------------|--|---|---|---|
| <b>Year 1</b>            | Complete transfer requirements at a community college:<br>Lower Division Writing 39B/39C<br>1 year of Bio = BIO SCI 93 & 94<br>1 year of General Chem = CHEM 1A-1C & 1LC-1LD           |   |   | Completing only Year 1 courses at a community college requires 3 years at UCI, once transferred   |
| <b>Year 2 (Option A)</b> | Complete transfer requirements at a community college:<br>2nd year of Bio = BIO SCI 97, 98 & 99<br>1 year of Organic Chem = CHEM 51A, 51B, 51C & 51LB, 51LC<br>Calculus = MATH 2A & 2B |   |   | Completing Year 1 & Year 2 courses at a community college requires 2 years at UCI, once transferred   |
| <b>Year 2 (Option B)</b> | <ul style="list-style-type: none"> <li><b>BIO SCI 97 (4)</b></li> <li><b>CHEM 51A/1LD (6)</b></li> <li>MATH 2B (4)</li> <li>BIO SCI 194S (1, P/NP)</li> </ul>                          | <ul style="list-style-type: none"> <li><b>BIO SCI 98 (4)</b></li> <li><b>CHEM 51B/51LB (6)</b></li> <li>PHRMSCI 42 (1)</li> <li>GE</li> </ul> | <ul style="list-style-type: none"> <li><b>BIO SCI 99 (4)</b></li> <li><b>CHEM 51C/51LC (6)</b></li> <li>GE</li> <li>GE</li> </ul>     | <ul style="list-style-type: none"> <li>Math 2A is a co-req for Physics 3A</li> <li>Study Abroad (optional)</li> </ul>                                 |
| <b>Year 3</b>            | <ul style="list-style-type: none"> <li><b>PHRMSCI 120, 120L (7)</b></li> <li>PHYSICS 3A (4)</li> <li>BIO SCI 100 (3,P/NP)</li> <li>CHEM 51LD (2)</li> </ul>                            | <ul style="list-style-type: none"> <li><b>PHRMSCI 170A (4)</b></li> <li>PHYSICS 3B (4)</li> <li>STATS 7, 8 or MATH 2D, 3A (4)</li> </ul>      | <ul style="list-style-type: none"> <li><b>PHRMSCI 170B (4)</b></li> <li>PHYSICS 3C (4)</li> <li>PHRMSCI 76 (2)</li> <li>GE</li> </ul> | <ul style="list-style-type: none"> <li>Bio 100 &amp; Physics 3C must be completed before Fall of 4th year</li> <li>Study Abroad (optional)</li> </ul> |
| <b>Year 4</b>            | <ul style="list-style-type: none"> <li><b>PHRMSCI 171 (4)</b></li> <li><b>PHRMSCI 172 (2,P/NP)</b></li> <li><b>PHRMSCI 174, 174L (7)</b></li> <li>GE</li> </ul>                        | <ul style="list-style-type: none"> <li><b>PHRMSCI 177, 177L (7)</b></li> <li>UD Elective</li> <li>GE</li> <li>GE</li> </ul>                   | <ul style="list-style-type: none"> <li>PHRMSCI 173 (4)</li> <li>UD Elective</li> <li>GE</li> </ul>                                    | *180 minimum units needed to graduate   |

\***Bolded courses MUST be taken in the indicated quarter/year**

\* **PharmD courses (can be taken at any time as long as prerequisites are met)**

## Upper Division Electives (8 units to graduate)

### Biological Sciences

- **D103 Cellular Biology**
- D104 Developmental Biology
- D111L 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

### Pre-PharmD Recommended Courses

- **Anthro 2A (GE III and VIII) - 4 units**
  - **Psych 7A (GE III) - 4 units**
  - **Sociol 1 (GE III and VII) - 4 units**
  - **Econ 20A (GE III) - 4 units**
  - **Stats 7 (Math requirement) - 4 units**
  - **PharmSci 90 - 4 units**
  - **Physics 3LB & 3LC - 1.5 units each**
  - **Research 199**
- 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**
- 163 Pharmacogenomics and Epigenetics
  - 175 Drug Discovery Computing Techniques
  - 179 Emerging Technologies in Pharmaceutical Sciences and Medicine