

Lower Division Course Requirement Policies for Transfer Students

All transfer applicants **MUST** have completed one year of general chemistry with laboratory equivalent to UC Irvine's Chemistry 1A-1C and 1LC-1LD AND one year of biology courses equivalent to UC Irvine's Biological Sciences 93 and 94 with a grade of "B" or better in each course; and have a cumulative GPA of 3.0 or higher. Having these courses completed at a community college will allow transfer students to complete the PharmSci BS requirements in 3 years.

To complete the UCI PharmSci BS degree requirements in 2 years, transfer students will need to complete one year of general chemistry with laboratory equivalent to UC Irvine's Chemistry 1A-1C and 1LC-1LD AND one year of organic chemistry with laboratory equivalent to UC Irvine's Chemistry 51A-51C and 51LB-51LC. Transfer students must also complete 1-2 years of biology courses equivalent to UC Irvine's Biological Sciences 93, 94, 97, 98 and 99 with a grade of "B" or better in each course; and have a cumulative GPA of 3.0 or higher.

If you are a California Community College transfer student, please refer to Assist.org for lower division courses that are transferable to UC Irvine and the Pharmaceutical Sciences major.

Upper Division Course Requirement Policies for Transfer Students

Biological Sciences

Scientific Writing: BIO SCI 100

- Must be taken fall quarter 3rd year.
- Students must receive a grade of "C-" or above.
- Bio 99 prerequisite with a grade of "C-" or above.
- Can be taken P/NP.

Pharmaceutical Sciences

Human Physiology: PHRMSCI 120 (can be substituted by BIO SCI E109)

- Must be taken fall quarter junior year.
- Students must receive a grade of "C-" or above.
- BIO SCI 99 prerequisite with a grade of "C-" or above.

Human Physiology Lab: PHRMSCI 120L

- Must be taken fall quarter junior year.
- Students must receive a grade of "C-" or above.
- Bio 99 prerequisite with a grade of "C-" or above.

Molecular Pharmacology I: PHRMSCI 170A

- Must be taken winter quarter junior year.
- Students must receive a grade of "C-" or above.
- Pharmsci 120 & Chem 51C prerequisites with a grade of "C-" or above.

Molecular Pharmacology II: PHRMSCI 170B

- Must be taken spring quarter junior year.
- Students must receive a grade of "C-" or above.
- Pharmsci 170A prerequisites with a grade of "C-" or above.

Biophysical Chemistry: PHRMSCI 171

- Must be taken fall quarter senior year.
- Students must receive a grade of "C-" or above.
- Math 2B, Physics 3C, Chem 1C and Bio 99 prerequisite courses with a grade of "C-" or above.

Topics in Pharmaceutical Sciences: PHRMSCI 172

- Must be taken fall quarter senior year.
- Students must receive a grade of "C-" or above.
- Bio 99 and Chem 51C pre-requisite courses with a grade of "C-" or above.
- Can be taken P/NP.

Upper Division Electives (8 units total)

Students must meet course criteria per department policies. Upper division electives taken towards the PharmSci requirements must be taken for a letter grade. Students must receive a grade of "D-" or above in these courses.

Pharmacotherapy: PHRMSCI 173

- Students must receive a grade of "C-" or above.
- PHRMSCI 170B pre-requisite/co-requisite requirement with a grade of "C-" or above.

Biopharmaceutics and Nanomedicine: PHRMSCI 174

- Must be taken fall quarter senior year.
- Students must receive a grade of "C-" or above.
- PHRMSCI 170B prerequisite course with a grade of "C-" or above.

Biopharmaceutics and Nanomedicine Lab: PHRMSCI 174L

- Must be taken fall quarter senior year.
- Students must receive a grade of "C-" or above.
- Bio 100 and PharmSci 174 prerequisite courses with a grade of "C-" or above.

Medicinal Chemistry: Pharm Sci 177

- Must be taken winter quarter senior year.
- Students must receive a grade of "C-" or above.
- Bio 98 and Chem 51C pre-requisite courses with a grade of "C-" or above.

Medicinal Chemistry Lab: PHRMSCI 177L

- Must be taken winter quarter senior year.
- Students must receive a grade of "C-" or above.
- BIO SCI 100 and CHEM 51C prerequisite courses with a grade of "C-" or above.

UCI Pharmaceutical Sciences

Additional Undergraduate Pharmaceutical Science Courses (not required for major)

PHRMSCI 1: New Student Seminar

- P/NP Course.

PHRMSCI 198: Independent Study

- P/NP Course.

PHRMSCI 90: Speaking Science (Required for pharmacy school)

- Students must receive a grade of "D-" or above.

199: Undergraduate Research

- P/NP Course.

PHRMSCI 163: Pharmacogenomics

- Students must receive a grade of "D-" or above.

PHRMSCI H199: Honors Undergraduate Research

- P/NP Course.

Pharmaceutical Sciences Prerequisite & Co-Requisite Course Chart

| Course | Pre-Requisite | Co-Requisite |
|--|---|--------------|
| PHRMSCI 90 Speaking about Science | -- | -- |
| PHRMSCI 120 Human Physiology | BIO SCI 99 | -- |
| PHRMSCI 120L Human Physiology Lab | -- | PHRMSCI 120 |
| PHRMSCI 163 Pharmacogenomics and Epigenetics | BIO SCI 99 | -- |
| PHRMSCI 170A Pharmacology I | CHEM 51C PHRMSCI 120 | CHEM 51C |
| PHRMSCI 170B Pharmacology II | PHRMSCI 170A | -- |
| PHRMSCI 171 Physical Biochemistry | MATH 2B PHYSICS 3C CHEM 1C BIO SCI 99 | |
| PHRMSCI 172 Topics in PharmSci | BIO 99 CHEM 51C | CHEM 51C |
| PHRMSCI 173 Pharmacotherapy | PHRMSCI 170B | PHRMSCI 170B |
| PHRMSCI 174 Biopharmaceutics and Nanomedicine | PHRMSCI 170B | -- |
| PHRMSCI 174L Biopharmaceutics and Nanomedicine | PHRMSCI 170B BIO SCI 100 | |
| PHRMSCI 177 Medicinal Chemistry | CHEM 51A CHEM 51B CHEM 51C BIO SCI 98 | -- |
| PHRMSCI 177L Medicinal Chemistry Lab | CHEM 51A CHEM 51B CHEM 51C BIO SCI 100 | PHRMSCI 177 |