

Lower Division Course Requirement Policies for Transfer Students

All transfer applicants **MUST** have completed one year of general chemistry with laboratory equivalent to UCI's Chemistry 1A-1C and 1LC-1LD AND one year of biology courses equivalent to UCI'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 2 years of biology courses equivalent to UCI'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](https://assist.org) for lower division courses that are transferable to UCI and the Pharmaceutical Sciences major.

Upper Division Course Requirement Policies for Transfer Students

Biological Sciences

Scientific Writing: BIO SCI 100

- Can be taken during Fall, Winter, or Spring quarter during 3rd year. Must be completed by 3rd year.
- Students must receive a grade of “C-” or above.
- BIO SCI 99 pre-requisite 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 pre-requisite 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 SCI 99 pre-requisite 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 pre-requisites 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 pre-requisites 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 pre-requisite 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.

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 pre-requisite 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 SCI 100 and PHRMSCI 174 pre-requisite 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 SCI 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 pre-requisite courses with a grade of “C-” or above.

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.

Additional Undergraduate Pharmaceutical Science Courses

(not required for major)

PHRMSCI 1: New Student Seminar

- P/NP Course.

PHRMSCI 90: Speaking Science (Required for Pharmacy school)

- Students must receive a grade of “D-” or above.

PHRMSCI 163: Pharmacogenomics

- Students must receive a grade of “D-” or above.

PHRMSCI 198: Independent Study

- P/NP Course.

PHRMSCI 199: Undergraduate Research

- P/NP Course.

PHRMSCI H199: Honors Undergraduate Research

- P/NP Course.

Pre-Requisites & Co-Requisites Course Chart

Course	Pre-Requisites	Co-Requisites
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