

Pharmaceutical Sciences: Community College Coursework Policies

PharmSci allows students to take certain classes at a community college. Classes that **MUST** be taken at UCI include courses from the PharmSci department and Writing. Courses that can be taken at a community college are general education courses and courses required for the PharmSci major that are not in the PharmSci department.

Major required courses require a B- minimum grade if taken at the community college.
General Education courses require a C minimum grade (or pass) if taken at the community college.

To ensure that you are taking a course equivalent at a California Community College, you may **use assist.org**.

Please see the below charts for more detailed information.

UCI-Transferable Courses You May Take at a Community College

These courses may be taken at a CC and are eligible to be transferred over to UCI toward completion of your degree. You can take these classes in advance to lighten your course load for future quarters. However, you cannot skip major required classes because you plan on taking them later at your community college in the summer. A max of 105 units are transferable to UCI. *In order for these courses to be transferable, a minimum grade (listed) must be met.*

Course	Notes
Chem 1A-1B-1C/LC-1LD <i>General Chemistry + Labs</i>	B- Minimum Grade Required. These sequenced courses can be difficult to take at a CC due to quarter vs. semester systems.
Chem 51A-51B-51C/51LB-51LC-51LD <i>Organic Chemistry + Labs</i>	B- Minimum Grade Required. These sequenced courses can be difficult to take at a CC due to quarter vs. semester systems. Additionally, many CC's do not offer organic chemistry.
BioSci 93-94 <i>From DNA to Organisms & From Organisms to Ecosystems</i>	B- Minimum Grade Required. These courses may be taken at a community college; however, if you need to retake these courses because you

	have not met the minimum grade requirement, you must retake them at UCI.
BioSci 97-98-99 <i>Genetics & Biochemistry & Molecular Biology</i>	B- Minimum Grade Required. Not all community colleges offer all three of these courses over the summer.
Math 2A-2B <i>Single-Variable Calculus</i>	B- Minimum Grade Required. Math 2A and Math 2B must be taken for your PharmSci degree. These can be good options to take at your CC.
Math 2D <i>Multivariable Calculus</i>	B- Minimum Grade Required.
Math 3A <i>Introduction to Linear Algebra</i>	Stats 7 is recommended for the math requirement of our major; however, you have the option of taking any 1 class from the following: Math 2D, Math 3A, Stats 7, or Stats 8.
Stats 7 <i>Basic Statistics</i>	
Stats 8 <i>Introduction to Biological Statistics</i>	
Physics 3A-3B-3C or Physics 7C-7D-7E <i>Basic Physics I, II, & III or Classical Physics</i>	B- Minimum Grade Required. Physics sequences taken at community college are generally equivalent to the 7 series. The physics series must be completed before Fall of your fourth year.
General Education Courses <i>(any category EXCEPT Cat I: Writing)</i>	C Minimum Grade Required.
Prerequisites for Graduate School <i>(PharmD, MD, PA, etc)</i> <i>*Courses do not need to be transferred to UCI; transcripts will be given to your graduate school for proof of prerequisite completion.</i>	Graduate school programs accept CC courses to fulfill their prerequisites. CC courses are lower-division courses only, so a course such as Anatomy or Microbiology taken at a CC will count for Pharmacy school but NOT as an upper-division elective for the PharmSci major.
Anthro 2A <i>Introduction to Sociocultural Anthropology</i>	A recommended course for most graduate schools. (GE Category III and VIII)
Econ 20A <i>Basic Economics I</i>	C Minimum Grade Required. A recommended course for most graduate schools. (GE

	Category III)
Sociol 1 <i>Introduction to Sociology</i>	C Minimum Grade Required. A recommended course for most graduate schools. (GE Category III or VII)
Psych 7A <i>Introduction to Psychology</i>	C Minimum Grade Required. A recommended course for most graduate schools. (GE Category III)
Language other than English	C Minimum Grade Required. One year of a language must be taken as a graduation requirement for UCI. These sequenced courses can be difficult to take at a CC due to quarter vs. semester systems. (GE Category VI)

Courses You MUST Take at UCI

All of the following courses *must* be taken at UCI in order to obtain your Bachelor's Degree in Pharmaceutical Sciences from UCI.

Courses	Notes
PhrmSci 1 <i>New Student Seminar</i>	This course is taken in Fall of your first year and is graded Pass/No Pass. (1 unit)
Writing 39A-39B-39C <i>Introduction to Writing and Rhetoric & Critical Reading and Rhetoric & Argument and Research</i>	All writing must be taken at UCI once you've matriculated (started) as a freshman student. Writing 39A must be completed before Fall of your second year. Writing 39C must be completed before Fall of your third year.
PhrmSci 42 <i>Life 101</i>	This course may be taken in Winter of any year. (2 units)
PhrmSci 76 <i>Ethical Conduct of Research</i>	This course may be taken in Spring of any year but is not recommended to first or second years.
PhrmSci 120/120L <i>Human Physiology + Lab</i>	These courses must be taken in Fall of your third year. (7 units)
PhrmSci 170A-B <i>Molecular Pharmacology I & II</i>	These courses must be taken in chronological order during Winter and Spring of your third year. (4 units each)

PhrmSci 171 <i>Physical Biochemistry</i>	This course must be taken in Fall of your fourth year. (4 units)
PhrmSci 172 <i>Topics in Pharmaceutical Sciences</i>	This course must be taken in Fall of your third or fourth year and is graded Pass/No Pass. (2 units)
PhrmSci 173 <i>Pharmacotherapy</i>	This course may be taken in Spring of third or fourth year (4 units)
PhrmSci 174/174L <i>Biopharmaceutics and Nanomedicine + Lab</i>	These courses must be taken in Fall of your fourth year. (7 units)
PhrmSci 177/177L <i>Medicinal Chemistry + Lab</i>	These courses must be taken in Winter of your fourth year. (7 units)
Special note: Upper division electives	Upper division elective equivalents are not offered at a comm college, since CCs only offer lower division courses. While you may take the equivalent lower-division version of an upper division course at UCI for graduate school requirements, <i>you MUST take a minimum of two upper division electives at UCI for your B.S.</i>

Courses You May Take at a Community College To Fulfill Graduate School Requirements

If taken at a Comm College - Do NOT count for the Upper-Division Elective for PharmSci

The following courses are electives that may be taken to fulfill graduate school requirements. If the course is taken at a comm college, it will not count toward completion of your UCI Bachelor's in Pharmaceutical Sciences. *You still must take a minimum of two upper division electives at UCI for your Bachelor's degree. All of the following courses, if taken at UCI, will count towards your 2 Upper Division Elective requirement and for graduate school prerequisites.*

Course	Notes
BioSci D103 <i>Cellular Biology</i>	This course is an upper division elective recommended for students looking to enter professional school. This course is offered at UCI during Fall, Winter, and Summer quarters. BioSci majors have first consideration for enrollment.(4 units)
BioSci D136	This course is an upper division elective

<p><i>Anatomy Lecture</i></p>	<p>recommended for students looking to enter professional school.</p> <p>This course is offered at UCI during Summer only and without the lab. (4 units)</p>
<p>BioSci D170 <i>Anatomy Lecture + Lab</i></p>	<p>This course is an upper division elective recommended for students looking to enter professional school.</p> <p>This course is offered at UCI during Winter and Spring. Pre-req is Bio Sci E109 or PhrmSci 120 with a grade of C or better. (6 units)</p>
<p>BioSci M118L <i>Microbio Lab</i></p>	<p>This course is an upper division elective recommended for students looking to enter professional school.</p> <p>This course is offered at UCI year-round but is often restricted to students with senior standing. (5 units)</p>
<p>BioSci M122 <i>Microbio Lecture</i></p>	<p>This course is an upper division elective recommended for students looking to enter professional school.</p> <p>This course is offered at UCI year-round. (4 units)</p>
<p>PhrmSci 90 <i>Public Speaking</i></p>	<p>This course is recommended for students looking to enter professional school.</p> <p>This course is offered at UCI during Winter and Spring quarters. (4 units)</p>