

Lower Division Department Requirements for the Pre-Pharmacy Program:

The pre-pharmacy program allows students to work toward a Bachelor of Science (B.S.) in general science with a pre-pharmacy option. See additional requirements on back page.

OSU Courses	Qtr. Credits	PCC Course Equivalents	Qtr. Credits
General Chemistry w/lab for science majors	15	CH 221, 222, & 223 General Chemistry	15
Organic Chemistry w/lab for science majors	12	CH 241, 242 & 243 Organic Chemistry- <i>see organic chemistry information below</i>	15
General Biology w/lab for science majors	12	BI 211, 212, & 213 Principles of Biology <i>Note: All three courses must be completed for the sequence to transfer as BI 211, 212, 213 to OSU.</i>	15
Physics w/lab for science majors	15	PHY 201, 202, & 203 General Physics	12
Principles of Statistics	4	*MTH 243 Statistics	4
Calculus	4	*MTH 241 <u>or</u> 251 Calculus	4-5
Writing I	3	WR 121 English Composition I	3-4
Writing II	3	WR 122, 123, 227, 241, 242, or 243	3-4
Interpersonal Speech or Argument & Critical Discourse	3	SP 214 Interpersonal Communication	4
Micro or Macro Economics	4	EC 200 or 201 or 202 Economics	4
General Psychology	3	PSY 201 or 201A Intro. to Psychology	4

* Total of 12 hours math is recommended. This may include calculus, statistics, MTH 111, MTH 112 or other math courses.

Admitted students start the Pharm.D. program each fall. Students are not admitted for winter, spring or summer terms. Applications for fall 2012 will be available on PharmCAS starting June 1st. Fall application deadline is September 2nd for Early Decision, and December 1st for the Regular Decision process. Late applications will not be considered. All courses should be taken for a letter grade.

The average pre-pharmacy science GPA of applicants who have been admitted to the Doctor of Pharmacy program in recent years is 3.5 (on a 4.0 scale)

Organic Chemistry - These courses (only as a complete sequence and with C or better in all courses) may be used to fulfill the organic chemistry requirement at OSU. The CC organic chemistry courses are transferred as lower division (LD) credit because the courses are officially 200-level at the community college. If a student takes a complete year of organic chemistry with laboratory each term at an Oregon Community College (CH 241, 242, 243) and transfers to OSU, the student normally receives lower division credit. The course work may appear on the transcript as various combinations of CH 331, CH 332, CH 337, and unspecified LDT credit (lower division transfer). In accordance with an OUS (formally OSSHE) memo (August 1, 1995), a student can receive upper division credit (300 level) if they pass the ACS organic exam.

Pharmacy is a graduate program with a competitive admission process. All pre-pharmacy courses must be completed prior to the beginning of fall classes in the professional program. A bachelor's degree is not required for admission to the Pharm.D. program. **However, students must earn a bachelor's degree prior to entering their third professional year.** A path to earn a B.S. degree in general science from Oregon State University has been developed in cooperation with the College of Science. Average GPA of admitted students is 3.5.

Information taken from: http://pharmacy.oregonstate.edu/sites/default/files/Portland_CC.pdf

OSU Pharm.D. Information

<http://pharmacy.oregonstate.edu/>

Angela Austin Haney- Head Academic Advisor/Director of Student Services 541-737-5784

angela.austinhaney@oregonstate.edu

Jeffrey Ruder Academic Advisor (Portland campus at OHSU), Phone: 503-418-9366 jeffrey.ruder@oregonstate.edu

The professional program at Oregon State University's College of Pharmacy is a four-year program leading to a doctor of pharmacy (Pharm.D.) degree. Students spend the first two years on the Corvallis Campus and the third year at the Oregon Health and Sciences University (OHSU) in Portland. The fourth year is spent in experiential clerkships in a variety of locations throughout the state.

Additional Upper Division Requirements for Doctor of Pharmacy program:

OSU Courses	Qtr. Credits	Course Equivalents	Qtr. Credits
Cell and Molecular Biology	3	Take at 4-year institution or 2-year institution (BI 214), PCC does not offer this course	-
Microbiology w/ Lab	5	Take at OSU or other 4-year institution	-
Human Physiology for Science Majors	12	Take at OSU or other 4-year institution	-

Recommended

Biochemistry for Science Majors	Biochemistry courses are taken in the first year of the Pharm D. program. If students have previously taken biochemistry, they can petition to be exempt from the Pharm. D courses. <i>The Pharm. D. biochemistry course tuition is higher than a general biochemistry course.</i>
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Upper Division Physiology Courses Approved by OSU:

Eastern Oregon University

- BI 232 Human Physiology (4)
- BI 431 Cell Structure (5)
- BI 432 Animal Physiology (5)

Southern Oregon University

- BI 330 Special Studies in Human Physiology, I, II, III (12)

Oregon Institute of Technology

- BIO 331 Human Anatomy & Physiology (5)
- BIO 332 Human Anatomy & Physiology (5)
- BIO 333 Human Anatomy & Physiology (5)

University of Oregon

- HPHY 313 Human Physiology I (3) & HPHY 316 (2)
- HPHY 314 Human Physiology II (4) & HPHY 317 (2)

Western Oregon University

- BIO 334 Human Anatomy & Physiology (4)
- BIO 335 Human Anatomy & Physiology (4)

Portland State University

- BI 301 Human Anatomy & Physiology (4)
- BI 302 Human Anatomy & Physiology (4)
- BI 303 Human Anatomy & Physiology (4)

This information is not intended to provide definitive equivalency answers on all coursework at all institutions. For more information or specific questions call OSU at: 541-737-3424.

For more information:

Baccalaureate core specific information for Pre-pharmacy majors:

No more than two courses from the same department can be used in these four categories: Western Culture, Literature Arts, Cultural Diversity, Difference, Power & Discrimination

Courses for Contemporary Global Issues and Science, Technology, Society must come from separate departments.

PCC endeavors to create accurate transfer guides for students; however, requirements may change without notice. Students are responsible for working with PCC advisors and their transfer institution to ensure that their academic plan will meet requirements and timelines.