

BIOLOGY PROGRAM - Pre-Pharmacy Track Checklist (2008-09)

Note: Students completing the requirements listed on both the Biology Advising Checklist and the Pre-Pharmacy Track Checklist will meet the prerequisites of most pharmacy schools in the U.S. Students following this checklist will NOT get a Pre-Pharmacy Option.

Pre-Pharmacy Course Changes:

The following courses are required for most pharmacy schools (OSU in particular). **However, students must check prerequisites at any school to which they apply for up-to-date information.** The courses can be taken in place of (for those with requirements in parentheses) or in addition to courses listed on the Biology Advising Checklist.

- PHAR 201 Pre-Pharmacy Orientation (2 cr) - Strongly recommended – offered fall term
- COMM 218 or COMM 114 (3 cr) (BI Checklist - Writing III)
- PSY 201 Introduction to Psychology (3 cr) (BI Checklist - Social Process and Institutions)
- ECON 201 Introduction to Microeconomics (4 cr) (BI Checklist - Social Process & Institutions) **or**
ECON 202 Introduction to Macroeconomics (4 cr) (BI Checklist - Social Processes & Institutions) **or**
AREC 250 Introduction to Env. Econ. and Policy (3 cr) (BI Checklist - Social Processes & Institutions)
- A full year of anatomy and physiology:
Z 430, 431, and 432 (BI Checklist - Physiology & can count for the additional College of Science courses)
Z 441, 442, and 443
- ELECTIVE:** Students may take BB 490, 491, AND 492 (normally taken in the first year of OSU Pharmacy School) instead of BB 450 and 451 (BI Checklist – Biochemistry)

OSU and Other Pre-Pharmacy Information

Grades: Unlike other degree programs, OSU's pharmacy program does not accept Ds in courses.

Pre-Pharmacy Advising: The College of Pharmacy has advising for Pre-pharmacy students. Contact Angela Austin Haney at Angela.AustinHaney@oregonstate.edu, or Nicole Kent at Nicole.Kent@oregonstate.edu.

Pre-Pharmacy Listserve: Join the listserve to hear about opportunities for Pre-Pharmacy students. Go to <http://www.science.oregonstate.edu/node/125> and follow the directions to join.

Pre-Pharmacy Society - Information at www.oregonstate.edu/groups/preps. The advisor is Nicole (see above).

Admissions Test: Some schools require the Pharm. College Admissions Test (PCAT)

<http://harcourtassessment.com/haiweb/Cultures/en-US/Harcourt/Community/PostSecondary/Products/pcat/pcathome.htm>, though OSU does not.

CPR and First Aid Certification: CPR and First Aid certifications are required for OSU's Pharm. D. Program.

Pharmacy and Other Healthcare Experience: These experiences can be important to getting into pharmacy school, and you should seek them out on your own. Examples might include being a pharmacy clerk or tech, interviewing pharmacists, or shadowing pharmacists, preferably in several contexts (hospitals, long-term care, hospice, etc.). Other medical experience is also helpful and some opportunities are listed below:

- See the Medical and Health Professions section of the National Research, Internship, Volunteer, and Job Opportunities at <http://biology.science.oregonstate.edu/research-internships-volunteering-and-jobs>
- Occupational Internship: Credit for work or volunteering related to your career can be obtained through GS 410 (Occupational Internship). Credit must be arranged ahead with Ariella Wolf at 737-4811, Kidder 128.
- OSU international medical internships (IE3) <http://ie3global.oregonstate.edu/index.html>
- OSU Research Opportunities <http://biology.science.oregonstate.edu/undergraduate-research>

References: It is important to begin establishing relationships with professors and professionals throughout your education.

Applicants will generally need a minimum of three references. References who can speak about you beyond a grade you received and can address your character and professionalism will be particularly strong.

Additional Pre-Pharmacy Resources

- American Association of College of Pharmacy general information www.AACP.org
- American Pharmacist Association <http://www.aphanet.org/>
- Biology Careers Page - Medical and Health Care <http://biology.science.oregonstate.edu/career-resources>
- Furman University Medical and Health Care Links <http://facweb.furman.edu/~jsnyder/careers/medical.html>
- National Community Pharmacists Association www.ncpanet.org
- Oregon Pacific Area Health Education Centers - Health Careers Website <http://www.oregonhealthcareers.org/>
- OSU College of Pharmacy and Pharm. D. Program <http://pharmacy.oregonstate.edu/>
- Pharmacy jobs www.pharmacyweek.com
- Pharmacy College Application Service www.pharmacas.org