NOTE: Students completing the requirements listed on the Biology Major Planner AND the courses below will meet the prerequisites of most pharmacy school in the U.S. (OSU in particular). Students following this checklist will NOT receive a Pre-Pharmacy Option and these courses are not tracked in MyDegrees. The information below is subject to change.

Pre-Pharmacy Required and Recommended Courses

Courses listed below can be applied to the category requirement listed in parentheses or taken in addition to this requirement (listed in the MyDegrees checklist in Online Services -> MyOSU). Students must check prerequisites at every school they plan to apply to for up to date information on their particular requirements.

Recommended Courses:
- PHAR 201: Pre-Pharmacy Orientation (1 CR, Winter)
- PHAR 210: Medical Terminology (2 CR, All Terms)

Required Science Coursework:
- BI 331, 332 & 333: Anatomy & Physiology Lecture (3 credits each, Fall, Winter, Spring, Respectively)
- BI 341, 342, & 343: Anatomy & Physiology Lab (2 credits each, Fall, Winter, Spring, Respectively)

Note: The anatomy and physiology series may fulfill the physiology and organismal biology major requirements for pre-pharmacy students who are viable professional school candidates—see your advisor for more information.

Recommended:
- Chemistry Minor
  - CH 324: Quantitative Analysis (4 CR) OR CH 390: Environmental Chemistry (3 CR) are good choices to complete the chemistry minor. These credits count toward the biology major requirement 1st or 2nd Additional UD Science Elective.

Social Science
- Many schools require additional coursework in the social sciences (ANTH, PSY, SOC). Please refer to specific schools for more detail.

Online and Study Abroad Courses
- Some pharmacy schools will not accept online science courses (especially those with online labs) or classes from study abroad programs. Although specific professional courses should not be done abroad, study abroad is a great opportunity and very feasible for pre-pharmacy students. If you are interested in study abroad, begin a dialogue with your advisor as early as possible, even during your first year. You can work with an advisor on how to schedule and apply study abroad courses to your degree. Students should, under no circumstances, take specific professional school prerequisite courses online.

Campus Resources

Pre-Pharmacy Society
- Join the facebook group: "OSU Pre-Pharmacy Society".
- The advisor for pre-pharmacy society is Lauren Corwin. For more information on how you can get involved, or to join pre-pharmacy society, please send an e-mail to osuprepharmacysociety@gmail.com

Pre-Pharmacy Advising
- Make an appointment with your pre-pharmacy advisor here: http://ib.oregonstate.edu/advising/appointments

Pharmacy Guide, OSU College of Science
- FAQ's about pharmacy, and additional resources.
  - http://www.science.oregonstate.edu/Prehealth
**Pharmacy and Healthcare Experience**

As with any career choice, it is important to determine your motivation to pursue pharmacy and to assess your fit for your eventual job duties. Experience in the field of pharmacy and other healthcare experiences are an important part of your self-exploration, and can also boost your credentials for pharmacy school. How you get involved should be driven by your desires and interests. In the past, students have worked in pharmacies as clerks or technicians, interviewed pharmacists, shadowed pharmacists (in several contexts), worked in hospitals, and completed volunteer and enrichment opportunities within the discipline.

**Research Experience**

Research experience is absolutely required to apply for a PharmD/PhD program. Plan to get as much undergraduate research experience as possible if you are interested in this route (drug development and discovery, pharm research).

**Admissions Test**

Some schools require the Pharmacy College Admissions Test (PCAT), though OSU College of Pharmacy does not. Visit: [www.pcatweb.info](http://www.pcatweb.info)

**References**

You should establish relationships with professors (especially in prerequisite courses) and pharmacy professionals throughout your time as an undergraduate. Schools generally require a minimum of three (3) letters of evaluation. Your references should be able to speak about you as an individual, and discuss your academic strengths, acumen for pharmacy, character, and professionalism.

**Leadership**

Pharmacy schools value leadership experiences. There are a variety of ways to gain leadership skills as an undergraduate, including officer roles in student clubs, coordination for organizations (i.e. non-profits and volunteer opportunities), or being a peer mentor for a department or college. What you do is more important than what your title is—be creative. You may also take leadership classes or earn a leadership minor.

**Additional Resources**

- American Association of Colleges of Pharmacy [http://www.aacp.org/resources/student/Pages/default.aspx](http://www.aacp.org/resources/student/Pages/default.aspx)
- Explore Health Careers [http://www.explorehealthcareers.org](http://www.explorehealthcareers.org)
- National Community Pharmacists Association [http://www.ashp.org](http://www.ashp.org)
- Pharmacy for Me [http://www.pharmacyforme.org](http://www.pharmacyforme.org)
- Pharmacy College Application System [http://www.pharmcas.org](http://www.pharmcas.org)
- OSU College of Pharmacy [http://pharmacy.oregonstate.edu](http://pharmacy.oregonstate.edu)

**Oregon State Pharmacy Technician Licensing**

Students in Oregon may apply for a provisionally licensed pharmacy technician license, that allows you to work as a pharmacy technician for up to two years (expires in June, after at least one year). To become a certified pharmacy technician, you must pass a national licensing exam.