

## Overview of Preparing for a Career in Pharmacy

### First Step: Exploring Pharmacy

- What experiences have you had that make you interested in pharmacy?
- What are your goals and expectations for a major?
- What skills do you associate with a good pharmacist? What activities/experiences would help you develop these skills?
- What can you do to learn more about careers in pharmacy?

### Second Step: Getting Involved

- What are your goals and expectations for volunteer experiences? What have you learned or could you learn about yourself and other people by serving others?
- Consider the populations you have served or worked with in any capacity. Do you have breadth and depth of experience with different groups of people?
- What are your research interests? What do you want to learn through research?
- Keep track of your experiences through college (volunteering, research, paid employment, shadowing, hobbies, student organizations, study abroad). Regularly reflect on and write about the competencies (skills and personal attributes) you develop and the ways you learn and grow in the course of each experience.

### Third Step: Preparing Your Application

- Do you hope to apply after your junior year, or will you be a stronger applicant after taking a gap year?
- Develop meaningful relationships with faculty and supervisors by talking with them about their work and career paths, your coursework, and your interest in pharmacy.
- Talk with an advisor at CPHA about steps of the application process the summer before you apply.

### Fourth Step: Taking a Gap Year

- What would your goals and expectations be for a gap year?
- What area of your application might you strengthen during a gap year? How could you do this?

## Planning Table

Fall	Spring	Summer

## Pre-Pharm D Planning Guide

Keep in mind that course preparation varies from school to school. This is a summary of the most common requirements. The shaded courses are recommended but not required for most schools.

Course	Options at UW – Madison	For PCAT
<b>Math</b>	Two options: <ul style="list-style-type: none"> <li>• Math 211 or 221</li> <li>• Math 171 and Math 217</li> </ul>	Yes
<b>General Chemistry</b>	Two options: <ul style="list-style-type: none"> <li>• Chemistry 103 (lecture + lab) and Chemistry 104 (lecture + lab)</li> <li>• Chemistry 109 (lecture + lab)</li> </ul>	Yes
<b>Organic Chemistry</b>	Chemistry 343 (lecture), Chemistry 344 (lab), and Chemistry 345 (lecture)	Yes
<b>Introductory Biology</b>	Three options: <ul style="list-style-type: none"> <li>• Zoology 101 (lecture), Zoology 102 (lab), and Botany 130 (lecture + lab)</li> <li>• Biology 151 (lecture + lab) and Biology 152 (lecture + lab)</li> <li>• Biocore</li> </ul>	Yes
<b>Physics</b>	Four options: <ul style="list-style-type: none"> <li>• Physics 103-104 (not calculus-based; lecture + lab)</li> <li>• Physics 207-208 (calculus-based; lecture + lab)</li> <li>• Physics 201-202 (for engineering students; lecture + lab)</li> <li>• EMA 201 and Physics 202 (for BME students; lecture + lab)</li> </ul>	No
<b>English, Literature, or Communications</b>	6 credits: many options; look for literature and composition courses	Helpful

\* Other prerequisite courses may include courses in biochemistry, microbiology, statistics, microeconomics, public speaking, social science, and/or psychology). Find out what your schools of interest require and talk with an advisor at CPHA about options at UW – Madison.

### Resources

*Tutoring resources available on UW campus*

- Greater University Tutoring Services (GUTS) <http://guts.wisc.edu>
- Peer Learning Association (PLA) <https://win.wisc.edu/organization/pla>
- Chemistry Learning Center (CLC) <https://www.chem.wisc.edu/areas/clc>
- Physics Learning Center (PLC) <https://www.physics.wisc.edu/plc>
- Math Lab <https://www.math.wisc.edu/undergraduate/mathlab>
- Statistics Lab [https://www.stat.wisc.edu/courses/Tutorial\\_Schedule](https://www.stat.wisc.edu/courses/Tutorial_Schedule)
- Writing Center <http://www.writing.wisc.edu>

*Professional organizations*

- American Pharmacists Association <http://www.pharmacist.com>
- American Association of Colleges of Pharmacy <http://www.aacp.org>