Pharmacy (PharmD)

A Doctor of Pharmacy (PharmD) is highly trained in medication use and management, and works alongside physicians and other healthcare professionals to provide proper care to patients. They may practice clinical pharmacy in an inpatient or outpatient setting to provide direct patient care, in a community pharmacy setting, or even work in the pharmaceutical industry to develop new medications.

What Can I do in High School?

1. Take the <u>ACT</u> and <u>SAT</u>. Verify individual school requirements to see if standardized tests are required.

- 2. Complete the <u>FAFSA</u> to determine eligibility for federal financial aid.
- 3. Complete College Applications: <u>The</u> Common Application
- 4. Ask for <u>letters of</u> recommendation.
- 5. Check out the CFNC, a free resource that helps students plan, apply, and pay for college in NC.
- 6. Be aware of transcripts and transfer credit such as: Early College, AP, IB, CLEP, or Transfer Credit.
- 7. Participate in extracurricular activities such as: sports, jobs, clubs, organizations, and volunteering.
- 8. Pay attention to deadlines and start planning early!

What Can I Do in College?

Pharmacy schools require you to have at least a Bachelor's Degree. You can <u>transfer</u> from a NC community college to a public NC university and still go to pharmacy school.

Picking a major does not affect your acceptance into pharmacy school as long as you have the general course requirements.

Generally:

- Biology
- Human Anatomy and Physiology
- General Chemistry
- Organic Chemistry
- Biochemistry
- Microbiology
- Physics
- Calculus and Statistics
- Courses in English, Social Sciences, and/or Humanities

Be sure to look at individual school requirements. Lab requirements may vary.

You will need to submit transcripts, letters of recommendation, a personal statement, and descriptions of work experience and extracurricular activities in your primary application to pharmacy schools.

Other opportunities to distinguish your application include: Shadowing, volunteering, clinical experiences, research, and extracurriculars.

If available, utilize your school's pre-health advising services.

What about Pharmacy School and Residency?

PharmCas is the application service for Pharmacy school.

Applications open about one year before entering pharmacy school. The application process includes: the primary application, supplemental applications, and interviews.

Pharmacy School is four years. There are four pharmacy schools in North Carolina:

Campbell University

High Point University - Fred Wilson SOP

<u>UNC - Eshelman SOP</u>

Wingate University

Also of note: Eshelman SOP offers an <u>Early Assurance</u> <u>Program</u> to students at 8 participating institutions within North Carolina. Students are selected after their first 2 years of undergraduate education and guaranteed admission into the PharmD program upon completion of their Bachelor's degree.

No residency is required, but students may choose to do one to specialize in various fields. Check out MAHEC's Ambulatory Care Pharmacy Residency <u>PGY1</u> and <u>PGY2</u> programs.

Types of Pharmacists:

- Community pharmacists
- Clinical pharmacists
- Consultant pharmacists
- Pharmaceutical industry pharmacists
- Nuclear pharmacists

More Information?

US Bureau of Labor Statistics

Pharmacy School Application Fee Assistance

Pre-Pharmacy Student Resources

My Next Move - PharmD