**Pre-Pharmacy Program at Furman University**

**Courses Required for Admittance to Pharmacy School:**
If you are interested in pursuing a career in pharmacy you will need to complete the following courses before attending pharmacy school.

**Standard:**
- Bio 111: Fdtns of Biology
- Bio 221: Genetics
- Chm 110: Fdtns of Chemistry
- Chm 115: Intro Kinetics & Thermo
- Chm 120: Organic Chemistry
- Chm 220: Bio-Organic Chemistry
- Phy 111: General Physics I
- Phy 112: General Physics II
- Mth 150: Calculus (or Mth 140 & 141)
- Statistics (Mth 241 or major specific)

**Anatomy and Physiology (3 Options):**
- Bio 322 & 420: Human Phys & Comp Anat
- Bio 322 & 426: Human Phys & Human Anat
- Hsc 210 & 211: Anat & Phys I & II

**Additional School Specific Courses:**
- Biochemistry (BIO 303, CHM 460, SCI 380)
- Cell Biology (BIO 300)
- Economics (ECN 111)
- Microbiology (BIO 301)
- Psychology (PSY 111)
- Public Speaking (COM 101)
- Sociology (SOC 101)

**PHARMACY RELATED PROGRAMS AND OPPORTUNITIES:**

1. **Alpha Epsilon Delta (AED) The National Pre-Health Honor Society**: Award winning chapter with a very active program and participation at the national level. AED runs Blood Drives & community outreach programs year round. This organization also runs monthly informational sessions on all aspects of health.

2. **Pharmacy Observations**: The pre-health experience coordinator (Susan Ybarra) coordinates observations and other experiences for students pursuing the pharmacy profession.

3. **Heller Service Corps**: Student-run program providing volunteer positions in a variety of areas, including hospitals and free-medical clinics (www.hellerservicecorps.org).

**PHARMACY COLLEGE ADMISSION TEST (PCAT):** The Pharmacy College Admission Test is typically taken during the summer following the junior year or early in the fall semester of the senior year. To prepare for the PCAT, you will need to complete BIO 111, BIO 221, CHM 110, CHM 115, CHM 120, and CHM 220 prior to taking the test. Anatomy and physiology coursework is also recommended prior to taking the test.

**ACREDITED PHARMACY PROGRAMS (SOUTHEAST)**

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(A complete list of pharmacy programs can be found on the American Association of Colleges of Pharmacy website: www.aacp.org)

**CAREERS IN PHARMACY**: The pharmacy profession includes careers in a variety of specialties, including (but not limited to) the following areas of healthcare:

- Academic
- Chain Drug Store
- Community Pharmacy
- Compounding
- Critical Care
- Home Care
- Hospice
- Hospital Pharmacy
- Infectious Disease
- Long Term Care
- Nuclear Pharmacy
- Oncology
- Pediatric Pharmacy
- Pharmaceutical Industry
- Pharmacotherapy
- Poison Control
- Primary Care
- Psychiatric
- Research
- Veterinary

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Pre-Health Website:
http://prehealth.furman.edu

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