The Pre-Pharmacy program at Pitt-Bradford prepares students for a Doctorate of Pharmacy (PharmD) degree program. Most PharmD programs consist of two years of pre-professional courses and four years of professional courses.

Required Skills:
- Science and Mathematics
- Memorization
- Attentive to Detail
- Customer Service
- Computer Technology
- Communication (Oral & Written)
- Patience
- Problem Solving

Possible Employers:
- Pharmacy
- Pharmaceutical Company
- Hospital
- Health Clinic
- Research Company
- Managed Care Facility
- Military
- College/University

Pharmacy is the health profession that links the health sciences with the chemical sciences and it is charged with ensuring the safe and effective use of pharmaceutical drugs. The scope of pharmacy practice includes more traditional roles such as compounding and dispensing medications, and it also includes more modern services related to health care, including clinical services, reviewing medications for safety and efficacy, and providing drug information.

Pharmacists distribute prescription drugs to individuals. They also advise their patients, physicians, and other health practitioners on the selection, dosages, interactions, and side effects of medications, as well as monitor the health and progress of those patients to ensure that they are using their medications safely and effectively.

Students interested in becoming a Pharmacist must eventually earn a Doctor of Pharmacy degree (PharmD). A Doctor of Pharmacy degree requires four years of professional study following a minimum of two years of pre-professional studies which can be taken at Pitt-Bradford. Once a student has completed these courses they can apply to Pharmacy School.

Pharmacy School Admissions Information

It takes at least five to six years to become a pharmacist. Student interested in a career in Pharmacy will need to complete prerequisite courses (see back) and possibly take the Pharmacy College Admission Test (PCAT) before applying to Pharmacy School. Admission requirements for pharmacy schools differ; students are encouraged to identify their Pharmacy School of interest early in their college career to ensure appropriate pre-requisite requirements are met. Admission to Pharmacy School is quite competitive. Most Pharmacy Schools will look for the following in applicants:

- High College Grade Point Average
- Pre-Requisite Courses
- PCAT Scores
- Volunteer or Work Experience related to field
- Reference Letters
- Personal Interviews

PROFESSIONAL ORGANIZATIONS:
- American Pharmacists Association
- American Association of Colleges of Pharmacy
- National Association of Boards of Pharmacy
- The Pennsylvania Pharmacists Association
- PharmCAS

FIND OUT MORE ABOUT CAREERS IN PHARMACY AT:
- American Association of Colleges Of Pharmacy: www.aacp.org/resources/student/pharmacyforyou
- Pharmacy Choice: www.pharmacychoice.com/careers/
Pre-Pharmacy – Curriculum Guide

Student Name: 

Advisor: 

Note: Students can identify their career goals by choosing the Pre-Pharmacy advising track, but they still must choose an official Pitt-Bradford major. Pre-Pharmacy is not an official major. Most Pre-Pharmacy students choose to major in Chemistry.

The Pre-Pharmacy program at Pitt-Bradford prepares students for a Doctorate of Pharmacy (PharmD) degree program. Most PharmD programs consist of two years of a pre-professional undergraduate education and four years of professional school. Upon successful completion of the two-year, 62-credit pre-pharmacy program at Pitt-Bradford, students may apply for admission to Pharmacy School at the University of Pittsburgh’s School of Pharmacy or another PharmD program. Students should apply to a PharmD program during the FALL semester of their sophomore year. According to some studies, applicants with a baccalaureate degree have a better chance of being accepted to a pharmacy school. Most Pitt-Bradford students pursuing admission into a Pharmacy School major in Chemistry.

**PHARMD REQUIRED PREREQUISITES INCLUDE:**

- [ ] BIOL 0101 Cell and Molecular
- [ ] BIOL 0102 Introduction to Biodiversity
- [ ] CHEM 0101 General Chemistry I
- [ ] CHEM 0102 General Chemistry II
- [ ] CHEM 0206 Organic Chemistry I
- [ ] CHEM 0207 Organic Chemistry I Lab
- [ ] CHEM 0208 Organic Chemistry II
- [ ] CHEM 0209 Organic Chemistry II Labs
- [ ] ECON 0101 Economics in the Modern World OR ECON 0102 Introduction to Microeconomics OR ECON 0103 Introduction to Macroeconomics
- [ ] ENG 0101 English Composition I
- [ ] ENG 0102 English Composition II
- [ ] MATH 0140 Calculus I (strongly recommended)
- [ ] PSY 0101 Introduction to Psychology
- [ ] PSY 0201 Statistics OR Econ 0204 Statistical Methods OR MATH 0133 Statistics

**Electives:**

Six credits from two different departments in Humanities.
Six credits from two different departments in Social Sciences.
Six credits Humanities or Social Sciences

Program Contacts: Dr. Francis Mulcahy, fishnet@pitt.edu, 814.362.7606, 203E Fisher Hall

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**GENERAL GRADUATION REQUIREMENTS**

2.0 Cumulative Grade Point Average, 120 Earned Credit Hours, 30 Hours of Upper Level Courses (1000 level or above)

NOTE: This guide is unofficial. Completing the requirements on this sheet does NOT guarantee degree completion. Official degree completion information can be found in MY.PITT.EDU. Contact your Faculty Advisor and/or the Registrar’s Office with questions or concerns.