

## **Pre-Health at Binghamton University!**

We would like to familiarize you with pre-health advising at Binghamton University. Here are some frequently asked questions.

- What does being a Binghamton University pre-health student mean?
- Is pre-health a major?
- What courses do I need for entry into one of the pre-health professional schools?
- What does a typical first semester schedule look like?
- What is pre-health advising?

### **What does being a Binghamton University pre-health student mean?**

Pre-Health is an umbrella term we use for students who wish to pursue one of the following health science graduate programs.

- Medicine
- Dentistry
- Chiropractic
- Dietetics and Nutrition
- Occupational Therapy
- Optometry
- Pharmacy
- Physical Therapy
- Physician Assistant
- Podiatry
- Veterinary Medicine

### **Is pre-health a major?**

At Binghamton University, pre-health is not a major, and it isn't something a student needs to "officially" declare with the University. Students self-identify as pre-health and complete the requirements for their intended profession. All pre-health students must choose a major offered by Binghamton University.

## What courses do I need for entry into one of the pre-health professional schools?

Curriculum varies by profession, but most schools require:

- **1 year of Biological Science** - BIOL 117 and 118
- **1 year of Inorganic Chemistry** - CHEM 107 and 108 OR CHEM 111 and 341  
*\*Since it will not be offered in the spring semester, pre-health students are strongly encouraged to take CHEM 107 in the fall semester of their freshman year.*
- **1 year of Organic Chemistry** - CHEM 231, 332 and 335
- **1 year of Physics** - PHYS 121 and 122
- **1 year of English** - Any two courses in the English, Rhetoric, Creative Writing or Comparative Literature Departments
- **Mathematics** - Varies by program but most programs require 1-2 semesters of calculus or statistics.

## What does a typical first semester schedule look like?

### Schedule A (16 credits)

- CHEM 107
- BIOL 117
- GenEd: non-science/non-math
- GenEd: C/J/W/Elective non-science/non-math

### Schedule B (16 credits)

- CHEM 107
- MATH 224 (2 credits)
- MATH 225 (2 credits)
- GenEd: non-science/ non-math
- GenEd: C/J/W/ Elective non-science/ non-math

### Schedule C (17-18 credits)

- CHEM 107
- PSYC 111
- GenEd: non-science/non-math
- GenEd: C/J/W/ Elective non-science/non-math
- UNIV 101/HARP 101

### Schedule D (13-14 credits)

*\*for students who scored a 5 on AP Chemistry or received credit for CHEM 107 & 108 from college transfer coursework*

- CHEM 231
- BIOL 118

- GenEd non-science/ non-math
- UNIV 101 or HARP 101

\*Pre-health students are strongly encouraged to take CHEM 107 in the fall semester of the freshman year, since the course is only offered in fall semester. It is recommended that students do not take more than 2 math or science courses per semester.

### **What is pre-health advising?**

The pre-health advisors provide guidance on health professions graduate school admissions requirements and processes. They also provide credentialing for some health professions that require a pre-health committee letter.

The program provides support and assistance to pre-health students in several ways:

- Pre-Health Scholarships and Internships
- Pre-Health class meetings and workshops
- Individual appointments
- Pre-Health resource library
- Pre-Health Alumni speakers
- Pre-Health student groups

**Thank you for watching!**

Need more information? We're here to help!

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(607) 777-3700