

Pharmacy Preparation

Pre-professional program

PRE-PROFESSIONAL PROGRAM

Total Hours:

65

Coordinator:

Peggy Biser, Associate Professor,
Department of Chemistry

- The following 2-to-3 year pre-professional course pattern is suggested for students particularly interested in the University of Maryland, Baltimore School of Pharmacy. Students interested in attending other schools of pharmacy should consult their catalogs for specific entrance requirements.
- Each student enrolled in the pre-pharmacy program must earn and maintain **a minimum 3.00** cumulative grade point average.
- The Pharmacy College Admissions Test (PCAT) is also required and should be taken in the fall semester of the student's last year of study at FSU.
- For students who want to earn a baccalaureate degree at FSU before applying to a school of pharmacy, a major in chemistry or biology is appropriate.

Summary of Requirements for Pre-professional Program in Pharmacy

1. Biology (16 hours)

BIOL 149 General Biology I
BIOL 304 Microbiology
BIOL 321 Anatomy & Physiology I
BIOL 322 Anatomy & Physiology II

2. Chemistry (16 hours)

CHEM 201 General Chemistry I
CHEM 202 General Chemistry II
CHEM 311 Organic Chemistry I
CHEM 312 Organic Chemistry I Lab
CHEM 321 Organic Chemistry II
CHEM 322 Organic Chemistry II Lab
CHEM 455 Biochemistry I (*recommended*)

3. English (6 hours)

ENGL 101/111 Freshman Composition
ENGL 310/312 Advanced Composition
or ENGL 338 Technical Writing
or ENGL 339 Scientific Writing

4. Mathematics (7 hours)

MATH 109/110 Elements of Applied Probability and Statistics
or MATH 380 Introduction to Probability and Statistics
and MATH 236 Calculus I

5. Physics (8 hours)

PHYS 215 General Physics I
and PHYS 216 General Physics II
or PHYS 261 Principles of Physics I
and PHYS 262 Principles of Physics II

6. Humanities (6 hours)

7. Social Sciences (6 hours)

ECON 202 Principles of Economics (Micro)
And one other Social Science elective

8. Humanities/Social Science Electives (6 hours)

CMST 122 Introduction to Public Speaking
and one other Humanities/Social Science elective

Physical Therapy Preparation

Pre-professional program

Coordinator:

Melody Kentrus, Assistant
Professor, Department of
Kinesiology and Recreation

- Professional schools **differ substantially** in their requirements for admission and it is the responsibility of the student to ensure the completion of the necessary pre-physical therapy courses for the professional schools of interest.
- You are expected to earn and maintain at least a 3.50 cumulative grade point average.
- Physical Therapy experience as volunteer or aide is required (100-200 hours) as is a current CPR certificate.
- You cannot major or minor in pre-physical therapy.

Summary of Requirements for Pre-professional Program in Physical Therapy

1. Biology (16 hours)

BIOL 149 General Biology I (*GEP Group C*)
BIOL 321 Anatomy and Physiology I
BIOL 322 Anatomy and Physiology II

Any 300- or 400-level biology course with lab (excluding botany courses) in addition to the courses listed above

2. Chemistry (8 hours)

CHEM 201 General Chemistry I (*GEP Group C*)
CHEM 202 General Chemistry II

3. Mathematics (6 hours)

MATH 119 College Algebra (*co-requisite for CHEM 201*)
MATH 109 Elements of Applied Probability & Statistics (*Core Skill 3*)
or SOCI 310 Statistics for Social Science

4. Physics (8 hours)

PHYS 215 General Physics I (*GEP Group C*)
PHYS 216 General Physics II