

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

5. Psychology (6 hours)

- PSYC 150 General Psychology (GEP Group D)
- PSYC 317 Abnormal Psychology

6. Electives (6 hours)

Choose two of the following:

- HEED 200 Nutrition
- HEED 320 Pharmacology and General Medical Conditions
- PHEC 303 Biomechanics for Exercise and Sport Science
- PHEC 341 Psychology of Physical Activity
- PSYC 210 Child Development
- PSYC 212 Adolescence and Adulthood
- PSYC 320 Health Psychology
- PSYC 420 Physiological Psychology

(Consult with Physical Therapy Preparation Coordinator concerning other appropriate electives.)

History

Major

Minor

	MAJOR	MINOR
Hours Required in History:	39	24
Hours Required in Other Departments:	6	0
Total Hours Required:	45	24

Concentrations in:

- INTERNATIONAL HISTORY
- HISTORY OF THE AMERICAS

Summary of Requirements for Major/Minor in History

Major

1. Core Introductory Level Courses: (6 hours)

Select from:

- HIST 103 History of the United States
- HIST 104 History of the United States
- HIST 113 World History
- HIST 114 World History

(The Master of Arts in Teaching (MAT) program and Secondary Teacher Education require completion of one of the following sequences:

- HIST 103 and HIST 104 or HIST 113 and HIST 114)

2. Research Core: (6 hours)

HIST 299 Writing and Research in History
 Completion of HIST 299 with a C or better is required for admission to the history major. Students may file a declaration of major BEFORE completing HIST 299.

HIST 485 Seminar in History
 Must be completed during the senior year with a grade of C or better. Fulfills Capstone Experience in the major requirement.

3. Concentrations: (27 hours)

Majors must choose one of the following concentrations:

- International History
- History of the Americas

4. Electives (6 hours)

Any two 300/400-level HIST courses except HIST 495.

Minor

1. Core Introductory Level Courses: (12 hours)

- HIST 103 History of the United States
- HIST 104 History of the United States
- HIST 113 World History
- HIST 114 World History

2. Electives (12 hours)

Any four 300/400-level HIST courses except HIST 495.

Professor:

Boniece (Chair)

Associate Professors:

Abbay, Charney

Assistant Professors:

Ma, McConnell, Wood

Lecturers:

Schuster, Wehrman

- Only courses in which you earn a grade of C or better will count toward satisfaction of major requirements.
- The Department strongly encourages majors to consider the internship option.
- HIST 492 counts as elective credit toward the HIST major; HIST 495 counts as general elective credit.