

PRE-PHARMACY

Pathway Information

The pre-pharmacy program is a series of courses that satisfy the prerequisites for admission to a pharmacy school. After completing the pre-pharmacy program, students apply to a professional school of pharmacy where an additional three or four years completes a doctor of pharmacy degree (PharmD).

REQUIRED COURSES

Required Science and Math Courses:

- Principles of Chemistry I & II
CHEM 1211/L & 1212/L (8 hrs)
- Organic Chemistry I & II
CHEM 3301/L & 3302/L (8 hrs)
- Biochemistry
CHEM 4410 (3 hrs)
- Principles of Biology I & II
BIOL 2107K & 2108K (8 hrs)
- Human Anatomy and Physiology I & II
BIOL 2251K & 2252K (8 hrs)
- Foundations in Microbiology
BIOL 2260K (4 hrs)
- Calculus I
MATH 1120 (4 hrs)
- Elementary Statistics
MATH 1401 (3 hrs)

PROGRAM INFORMATION

- Requires a minimum of three years to complete the prerequisite courses for admission to a pharmacy program.
- >90% of students who can complete the prerequisite courses are accepted to pharmacy school.

POTENTIAL CAREERS

- Community Pharmacy
- Hospital Pharmacy
- Clinical Specialists
- Research and Development
- Government Agencies

STUDENT TRAITS AND CHARACTERISTICS

- Very strong in math and science
- Strong communication skills, both oral and written
- Excellent problem solver
- Good interpersonal skills

GSW CLUBS AND ACTIVITIES

- Chemistry Club
- Biology Club
- any service organization

IMPORTANT INFORMATION

Pharmacy programs are very competitive. Many schools recommend a science and math GPA of 3.0 or higher. The Pharmacy College Admission Test (PCAT) may be required for admission into pharmacy school.

Shadowing or practical pharmacy experience is recommended, while community service and extracurricular activities are highly recommended.