

PHARMACY

The **Pharm. D.** curriculum is designed to produce a scientifically and technically competent pharmacist who can apply this education in such a manner as to provide maximum healthcare services to patients. Students will be prepared to assume expanded responsibilities in the care of patients and assure the provision of rational drug therapy.

PROGRAM REQUIREMENTS AND PREREQUISITES

University of Tennessee Health Science Center Memphis/Knoxville/Nashville, TN

| Requirements | FHU Equivalent | Total Hours |
|---|---|-------------|
| English Composition I & II | ENG101, 102 | 6 |
| General Biology I & II | BIO111 & 112 | 8 |
| Anatomy & Physiology I & II | BIO211 & 212 | 8 |
| Microbiology | BIO215 | 4 |
| General Chemistry I & II & Labs | CHE121/121L & 122/122L | 8 |
| Organic Chemistry I & II | CHE321 & 322 | 8 |
| Speech | COM 140 | 3 |
| Introductory Statistics | MAT235 | 3 |
| Analytics & Calculus I | MAT122 | 3 |
| At Least 2 Social Science Courses (Sociology, Psychology, Political Science, Economics) AND At Least 2 Humanities Courses (Art, History, Literature, Philosophy, Language) | SOC241, PSY210, 310, 218, POL 231 or 232, ECO271 or 272 HIS221 or 222, ART110, MUS110, THE160, PHI245, any FRE or SPA | 12 |

Other requirements include:

1. Achieve a grade of "C" or above for each required pre-pharmacy course with an overall GPA for all coursework completed of 2.5 or above on a 4.0 scale. Approximately a 3.4 average cumulative GPA for students who were admitted last year demonstrates the need for quality. Preference shown to students who have completed additional coursework in natural sciences such as Cell Biology & Molecular Genetics (BIO 333), Genetics (BIO 335), Biochemistry I/II (CHE 331/332), General Physics I/II (PHS 201/202), and/or Immunology (BIO431).

IS A DEGREE REQUIRED? ____ YES X NO

You may apply when you have completed the majority of your pre-pharmacy work and your GPA is competitive. However, approximately 75% of the current students have B.S. degree. Students who have their degrees are generally more competitive.

IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? IF SO, HOW MANY HOURS?

Shadowing and/or clinical experience is highly recommended, but not required. An exact number of hours have not been specified.

IS AN ENTRANCE EXAM REQUIRED?

The PCAT is NO LONGER required (as of summer/fall 2018). PharmCAS applications are still required.

APPLICATION DEADLINE: March 3. The earlier you apply, the better.

PROGRAM REQUIREMENTS AND PREREQUISITES
McWhorter School of Pharmacy, Samford University, Birmingham, AL

| Requirements | FHU Equivalent | Total Hours |
|---|---|--------------------|
| English Composition * | ENG101, 102 | 6 |
| Literature* | Any 200 level or above | 3 |
| General Biology, Anatomy and Physiology I & II & Microbiology | BIO111/112, 211, 212, 215 | 16 |
| Speech | COM240 | 3 |
| General Chemistry I & II & Labs | CHE121/121L & 122/122L | 8 |
| Organic Chemistry I & II | CHE321 & 322 | 8 |
| Introductory Statistics^ or Analytics & Calculus I | MAT122 or MAT235 | 3-4 |
| College Algebra | MAT120 | 3 |
| History* | HIS111 or 112 | 3 |
| Liberal Arts (3 must come from psychology or sociology)* | Political science, history, literature, foreign language, philosophy, psychology, sociology, geography, economics or one (1) class in either art, music or drama appreciation | 9 |
| Physical Education* | HEA216 or any 2 PEA activity class | 5 |
| Total Semester Hour Credits | | 64 - 67 |

*Required if students matriculate without a bachelor's degree.

^Statistics is highly recommended.

Also Recommended: Biochemistry I & II (CHE 331 & CHE 332)

IS A DEGREE REQUIRED? ____ YES X NO

You may apply when you have completed 64-67 hours of college coursework, 28 hours of science, and your GPA is competitive. However, the majority of the current students have B.S. degrees. Students who have their degrees are generally more competitive.

IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? IF SO, HOW MANY HOURS?

Shadowing and/or clinical experience is highly recommended. An exact number of hours have not been specified. One of your references is to come from someone you have shadowed or worked in a pharmacy setting.

IS AN ENTRANCE EXAM REQUIRED?

The PCAT is NO LONGER required. PharmCAS applications are still required.

APPLICATION DEADLINE: On or around June 1 of the year of matriculation. Check website.

PROGRAM REQUIREMENTS AND PREREQUISITES
Auburn Harrison School of Pharmacy, Auburn, AL

| Requirements | FHU Course | Hours |
|--|--|--------------|
| Humanities & Social Sciences* | | 24 |
| English Composition I & II | ENG 101, ENG 102 | 6 |
| Additional Courses | Courses that are acceptable for meeting this Requirements include, but are not limited to, History, Literature, Fine Arts, Philosophy, Religion, Foreign Languages, Ethics, Speech, Communications, and Additional Social Sciences. | 18 |
| Science & Math Core | | 38-42 |
| General Biology with Lab | BIO 111 or 112 | 4 |
| General Chemistry with Lab | CHE 121/121L & CHE 122/122L | 8 |
| Organic Chemistry with Lab | CHE 321 & CHE 322 | 8 |
| Human Anatomy & Physiology | BIO 211 & BIO 212 | 8 |
| Microbiology** | BIO 215 | 4 |
| Calculus | MAT 122 | 4 |
| Statistics | MAT 235 | 3 |
| Biochemistry** | CHE 332 | 4 |

*Applicants that will enter the HSOP with a baccalaureate degree are required to complete the English Composition (6 hours) and Social Sciences (6 hours) but may be waived from Additional Courses requirements.

**Must be taken at a college/university that awards bachelor's degrees.

IS A DEGREE REQUIRED? ☒ YES ☐ NO

IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? IF SO, HOW MANY HOURS?

Shadowing and/or clinical experience is highly recommended.

IS AN ENTRANCE EXAM REQUIRED?

The PCAT is now an optional part of the HCOP admissions process. While the test is optional, applicants who wish to bolster their other academic credentials with their PCAT scores can choose to do so and request that their PCAT scores be submitted to PharmCAS (school code 104). Applicants may also submit their scores for the MCAT, DAT, OAT or GRE for consideration, as long as the test has been taken within five years of the date of application to HCOP.

GPA REQUIRED: Minimum 2.5 out of 4.0 in prepharmacy coursework is mandatory. Students need at least a 3.0 on a 4.0 scale to be competitive.

APPLICATION DEADLINE: Applications open around June 1. The earlier you apply, the better. Deadline March 1.

PROGRAM REQUIREMENTS AND PREREQUISITES
Harding University, Searcy, AR

| Requirements | FHU Equivalent | Total Hours |
|--|--|--------------------|
| English Composition I & II | ENG101, 102 | 6 |
| Biological Sciences (Choose from: Biology I, Biology II, Human Anatomy & Physiology, Cell Biology, Genetics, and/or Immunology) | BIO 111, BIO 112, BIO211, BIO212, BIO333, BIO 335, BIO 431 | 8 |
| Microbiology | BIO215 | 4 |
| General Chemistry I & II & Labs | CHE121/121L & 122/122L | 8 |
| Organic Chemistry I & II | CHE321 & 322 | 8 |
| Introductory Statistics | MAT235 | 3 |
| Math Options: Calculus I or College Algebra AND Precalculus | MAT101 AND 120, or 122 | 4-6 |
| Additional Math or Science Courses | BIO, PHS, CHE, or MAT Courses | 6-8 |
| Economics | ECO271 or 272 | 3 |
| Psychology or Sociology | PSY210 or SOC241 | 3 |
| Speech | COM140 | 3 |
| Electives | | 11 |
| Total Semester Hour Credits Required for Admission* | | 64 |

Other requirements include:

1. No more than 6 hours of CLEP credit will be accepted. AP credit will be accepted as long as the undergraduate program will accept it.
2. A grade below a C on any math or science course will not be accepted. An overall GPA for all coursework completed of 2.5 or above on a 4.0 scale is required.

* No credit toward the 64 semester hour requirement will be accepted for military science or physical education courses.

Advanced Placement (AP) credit may be used to satisfy prerequisite coursework provided that the AP credit is accepted by the applicant's institution and is posted on the applicant's official academic transcript

IS A DEGREE REQUIRED? ____ YES X NO

You may apply when you have completed the 30 hours of your pre-pharmacy work and your GPA is competitive. However, the majority of the current students have B.S. degree. Students who have their degrees are generally more competitive. Students must have a minimum of 72 semester hours of undergraduate coursework completed prior to enrollment to be eligible for consideration for graduate or professional level Federal Student Loan assistance.

IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? IF SO, HOW MANY HOURS?

Shadowing and/or clinical experience is highly recommended. An exact number of hours have not been specified. You are strongly encouraged to obtain work experience such as a pharmacy technician.

IS AN ENTRANCE EXAM REQUIRED? None required.

APPLICATION DEADLINE: Personal interviews for the next entering class will begin in September. Throughout the duration of the interview process, applicants are accepted to the Doctor of Pharmacy program on a continual basis until the class is full.

PROGRAM REQUIREMENTS AND PREREQUISITES
Lipscomb University, Nashville, TN

| Requirements | FHU Equivalent | Total Hours |
|---|---------------------------------|--------------------|
| English Composition I & II | ENG101, 102 | 6 |
| General Biology I & II or A & P I & II | BIO111 & 112 or BIO211 & 212 | 8 |
| Microbiology | BIO215 | 4 |
| General Chemistry I & II & Labs | CHE121/121L & 122/122L | 8 |
| Organic Chemistry I & II | CHE321 & 322 | 8 |
| Introductory Statistics | MAT235 | 3 |
| College Algebra | MAT101 | 3 |
| Speech | COM140 | 3 |
| Social Science (Sociology, Psychology, Political Science, Anthropology, Economics) & Humanities (Literature, Fine Art, Foreign Language, History) | | 12 |
| Electives (Bible, sciences, Mathematics, humanities or social sciences) | | 6 |

Other requirements include:

1. Due to the ever-increasing presence & reliance upon computers as tools in the delivery of healthcare, it is expected that applicants possess and demonstrate the skills & ability to use computers in the academic setting.
2. Achieve a C or higher in all pre-pharmacy coursework or above for each required pre-pharmacy course with an overall GPA for all coursework completed of 2.5 or above on a 4.0 scale. There is no longer a minimum GPA requirement. However, a cumulative GPA of 2.5 or higher is preferred.

Recommended: Many students benefit from additional study in the biological sciences & chemistry. Recommended courses include anatomy & physiology, microbiology, genetics, embryology, immunology, molecular biology, biochemistry, analytical chemistry & instrumental methods of analysis.

IS A DEGREE REQUIRED? ____ YES X NO

You may apply when you have completed the majority of your pre-pharmacy work and a 3.3 or higher GPA is competitive. Students who have their degrees are generally more competitive.

IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? IF SO, HOW MANY HOURS?

Shadowing and clinical/work experience is highly recommended. An exact number of hours have not been specified.

IS AN ENTRANCE EXAM REQUIRED?

The PCAT is NO LONGER required. PharmCAS applications are still required.

APPLICATION DEADLINE: The earlier you apply, the better. June 1 is the deadline for submitting applications.

PROGRAM REQUIREMENTS AND PREREQUISITES
Union University, Jackson, TN

| Requirements and Prerequisites | FHU Equivalent | Total Hours |
|--|--|--------------------|
| English Composition I & II | ENG101, 102 | 6 |
| General Biology I & II | BIO111 & 112 | 8 |
| Anatomy & Physiology I & II | BIO211 & 212 | 8 |
| Microbiology | BIO215 | 4 |
| General Chemistry I & II & Labs | CHE121/121L & 122/122L | 8 |
| Organic Chemistry I & II | CHE321 & 322 | 8 |
| 200+ Level Science with Lab* or Calculus 2 | BIO, CHE, MAT, or PHS Course | 4 |
| Introductory Statistics | MAT235 | 3 |
| Analytics & Calculus I | MAT122 | 5 |
| Speech | COM140 | 3 |
| Social Science (Sociology, Anthropology, Psychology, Political Science, Economics) or Humanities (Arts, History, Language, Literature or Philosophy) Courses | SOC241, PSY210, POL23, ECO 271, ECO272, HIS221, HIS222, ART110, MUS110, THE160, SPA131 & 132, FRE111 & 112, etc. | 6 |

*Will negotiate if the course has no lab.

Other requirements include:

1. Achieve a C or above for each required pre-pharmacy course with an overall GPA for all coursework completed of 2.5 or above on a 4.0 scale.
2. For all science, calculus or statistics courses, the prospective pharmacy student should take courses which are suitable for science majors intending graduate study and should include laboratories when available. The calculus course(s) should include both differential and integral calculus.
3. One semester of Immunology (BIO431), Biochemistry I (CHE 321), & Genetics (BIO333/335) are recommended to strengthen an application.

IS A DEGREE REQUIRED? ____ YES X NO

You may apply when you have completed the majority of your pre-pharmacy work and your GPA is competitive. Students who have their degrees are generally more competitive.

IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? IF SO, HOW MANY HOURS?

Recommended, but not required.

IS AN ENTRANCE EXAM REQUIRED?

The PCAT is NO LONGER required. PharmCAS applications are still required.

APPLICATION DEADLINE: Not listed on website.