

PHARMACEUTICAL SCIENCES, B.S. TO PHARM.D. (1+4 ACCELERATED PROGRAM)

Earn your Pharm.D. in 5 years with this fast-track option.

The accelerated pathway is designed for high school students with a strong academic record and demonstrated motivation to enter the field of pharmacy.

Admission Requirements

Students who have met the below criteria during their high school career are eligible to apply:

- ACT MATH of 24 (or equivalent SAT/Placement score; for MU pre-requisite courses)
- ACT ENG of 21 (or equivalent SAT score for MU pre-requisite courses)

Minimum unweighted high school grade point average of 3.5 on a 4.0 scale

Applications will be evaluated by the Admissions Committee, and students who meet the requirements will be invited to interview for the PharmD program. Interviews will be conducted in the same manner as traditional PharmD interviews. Students who successfully complete the interview will be offered conditional admissions to the PharmD program for the following year. Full admission will be granted once all admissions requirements are met:

- If attending Marshall University to complete their pre-requisite coursework, students must declare a Pharmaceutical Sciences major. *Exceptions may be made on a case-by-case basis based on availability of courses.
- Successful completion of minimum of 40 prerequisite credit hours prior to matriculation.
- A minimum of 3.3 cumulative GPA in the prerequisite coursework.
- Any additional required materials (transcripts, letters of recommendation, etc.) as outlined by the Admissions Committee.
















Students who are conditionally admitted but do not maintain the above requirements will still be eligible to apply to the PharmD program through either the Early Assurance program or traditional application process.

International Students: International students are welcome to apply and will be required to complete the same criteria as domestic students (above). Additional requirements such as an English Proficiency test, immunization record, proof of funding and other requirements as stipulated by Marshall University must be met if requested. Applications will be evaluated by the Admissions Committee, and students who meet the requirements will be invited to interview virtually for the PharmD program. Interviews will be conducted in the same manner as traditional PharmD interviews. Students who successfully complete the interview will be offered

conditional admissions to the PharmD program for the following year. Full admission will be granted once all admissions requirements are met:

- Students must declare a Pharmaceutical Sciences major and complete prerequisite coursework at Marshall University. *Exceptions may be made on a case-by-case basis based on availability of courses.
- Successful completion of a minimum of 40 prerequisite credit hours prior to matriculation
- A minimum of 3.3 cumulative GPA in the prerequisite coursework
- Any additional required materials (transcripts, letters of recommendation, etc.) as outlined by the Admissions Committee. Students admitted to the PharmD program through this pathway are required to complete a 0-credit pre-pharmacy boot camp in summer before enrolling for PharmD courses. Additionally, students in this pathway must join and actively participate in the pre-pharmacy club.

The prerequisite courses include:



| Code | Title | Credit Hours |
|--|---|--------------|
| BSC 120  & BSC 120L  | Principles of Biology I and Principles of Biology I Lab | 4 |
| BSC 121  & BSC 121L  | Principles of Biology II and Prin of Biology II Lab | 4 |
| BSC 227 & BSC 227L | Human Anatomy and Human Anatomy Lab | 4 |
| BSC 228  & BSC 228L  | Human Physiology and Human Physiology Lab | 4 |
| BSC 250  or BSC 302 | Microbiol & Human Disease Principles of Microbiology | 3 |
| BSC 250L  or BSC 304 | Microbio and Human Disease Lab Microbiology Lab | 1 |
| CHM 211  & CHM 217  | Principles of Chemistry I and Principles of Chem Lab I | 5 |
| CHM 212  & CHM 218  | Principles Chemistry II and Principles of Chem Lab II | 5 |
| CHM 355 | Organic Chemistry I | 3 |
| ENG 101  | Beginning Composition | 3 |
| MTH 140  | Applied Calculus | 3 |
| STA 225  | Introductory Statistics (CT) | 3 |
| Total Credit Hours | | 42 |




*Student plans will vary based on prior completed coursework, course availability, and other variables. Course substitutions may be requested. Please contact Office of Student Affairs for additional information.

Semester Plan for Prerequisite Courses

First Year









Fall

| | Credit Hours | |
|--|---|---|
| BSC 120  & BSC 120L  | Principles of Biology I and Principles of Biology I Lab | 4 |

| | | |
|--|---|---|
| BSC 227 & BSC 227L | Human Anatomy and Human Anatomy Lab | 4 |
| CHM 211  & CHM 217  | Principles of Chemistry I and Principles of Chem Lab I | 5 |
| MTH 140  | Applied Calculus | 3 |



Credit Hours **16**

Spring

| | | |
|---|---|---|
| BSC 121  & BSC 121L  | Principles of Biology II and Prin of Biology II Lab | 4 |
| BSC 228  & BSC 228L  | Human Physiology and Human Physiology Lab | 4 |
| BSC 250  & BSC 250L  | Microbiol & Human Disease and Microbio and Human Disease Lab | 4 |
| CHM 212  & CHM 218  | Principles Chemistry II and Principles of Chem Lab II | 5 |

Credit Hours **17**

Second Year**Summer**

| | | |
|---|------------------------------|---|
| CHM 355 | Organic Chemistry I | 3 |
| ENG 101  | Beginning Composition | 3 |
| STA 225  | Introductory Statistics (CT) | 3 |

Credit Hours **9**

Total Credit Hours **42**