

**ARTICULATION AGREEMENT FOR A
PROGRAM OF STUDY LEADING TO A
DOCTOR OF PHARMACY DEGREE
BETWEEN
MARSHALL UNIVERSITY AND
SHEPHERD UNIVERSITY**

Marshall University (Marshall), a state of West Virginia institution of higher education, whose address is One John Marshall Drive, Huntington, WV 25755; and Shepherd University (Shepherd), an institution of higher education whose address is 301 North King Street, Shepherdstown WV, in order to facilitate the efficient transfer of students between the two institutions, hereby establish this articulated program of study leading to the Doctor of Pharmacy degree (Degree) to be granted by Marshall. Students who have satisfactorily completed the program of study outlined in this agreement and who meet admission requirements for the School of Pharmacy may be admitted to the Marshall School of Pharmacy to complete the requirements for the Degree.

I. CURRICULUM

Marshall and Shepherd agree that the courses listed in *Appendix A* are equivalent regarding content and student learning objectives. The successful completion of these courses are required for admission to the Program as outlined in this agreement.

Shepherd faculty and staff will advise students working toward the Degree to ensure their previous, current, and future courses fulfill the requirements listed herein. This advising includes enrollment in those courses that are prerequisite requirements for the courses listed in *Appendix A*. Course substitutions may be available upon the approval of Marshall's Dean of the School of Pharmacy.

Students attending Shepherd who elect to pursue the Program will complete the courses listed in *Appendix A* through Shepherd. Upon admission to Marshall's School of Pharmacy, the required courses will be accepted by Marshall as equivalent to corresponding pre-pharmacy Core Course Requirements.

Students who do not complete the sequence of courses outlined in this agreement may require additional time and expense to complete the Degree.

Provided that, nothing herein shall be interpreted as granting any student automatic admission to Marshall's School of Pharmacy.

II. APPLICATION TO PROGRAM

The normal admission process to the Pharmacy Program includes a review of an applicant's performance relative to the Program's admission requirements, an on-campus interview, and an

admission decision. Typically, the Program faculty will invite approximately 40 percent of applicants for an on-campus interview.

For the purpose of this agreement, Marshall will grant interviews to all Shepherd students who meet the minimum admission requirements as identified by the appropriate Shepherd Dean or faculty group. Shepherd will submit a list of qualified students to Marshall's School of Pharmacy Office of Student Affairs prior to August 1 of each year.

Each year, Marshall will accept a minimum of two Shepherd students who meet admission requirements. Marshall may grant more admissions depending upon admission decisions made for other applicants.

The minimum admission requirements are:

1. Minimum cumulative grade point average of 3.0 at Shepherd for all courses listed in *Appendix A*;
2. Completed application for "Early Decision" by the stated deadline through the online Pharmacy College Application Service (PharmCAS, at <http://www.pharmacas.org>);
3. Submission of the Marshall's School of Pharmacy supplemental application and all required application fees by the date of on-campus interview;
4. Successful completion of an on-campus admissions interview.
5. Student shall be responsible for payment of all fees associated with admission to the Program, including but not limited to the application fee.

III. TERMS OF THE AGREEMENT

This articulation agreement supersedes all currently existing articulation agreements between Marshall and Shepherd regarding this Program. Students who started their coursework during a previous agreement may proceed as outlined in that agreement with the expectation that all students will complete the course work by the end of the 2019-2020 academic year.

Marshall and Shepherd agree to monitor and support the provisions of this agreement to ensure program consistency and quality, and transferability of the benefit of the students of both institutions. Marshall and Shepherd agree to coordinate changes in the course content or requirements for any courses listed in the articulation agreement in order to ensure continued comparability between the courses offered on each campus.

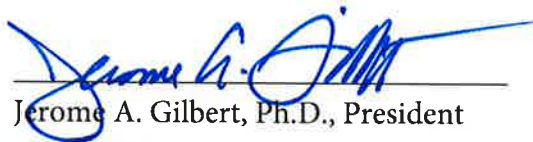
Both institutions will maintain their accreditation with the regional accrediting agency overseeing each institutions' operations. Marshall shall maintain its accreditation with the Accreditation Council for Pharmacy Education.

Interpretation of this agreement will be made within the laws of the State of West Virginia.

Marshall and Shepherd agree to renegotiate this agreement as necessary due to changes in curriculum or graduation requirements implemented by either institution. This process will be the responsibility of the appropriate deans at both institutions. This agreement may be terminated upon thirty (30) days written notice to the other party: provided that the students currently pursuing a degree shall be permitted to complete the degree.

Students pursuing the Degree through the articulation agreement will be bound by the curriculum requirements in effect at the time they are officially accepted into the Pharmacy program. The attached curriculum requirements will be in effect until officially changed and agreed upon by both institutions.

The terms of this agreement are hereby approved on September 1, 2019 by the respective administration of the two schools.



Jerome A. Gilbert, Ph.D., President
Marshall University



Jaime R. Taylor, Ph.D., Senior Vice President Academic Affairs and Provost
Marshall University



Gayle A. Brazeau, Ph.D., Dean School of Pharmacy
Marshall University



Mary J.C. Hendrix, Ph.D., President
Shepherd University



Scott Beard, Ph.D., Vice President for Academic Affairs
Shepherd University



Robert Warburton, Ph.D., Dean College of Science, Technology, Engineering & Mathematics
Shepherd University

APPENDIX A
COURSE EQUIVALENCIES FOR SCHOOL OF PHARMACY DOCTOR OF PHARMACY DEGREE

CORE COURSE REQUIREMENT	MARSHALL COURSE	SHEPHERD UNIVERSITY EQUIVALENT
Biology: <i>Principles of Biology</i> w/lab	BSC 120	BIOL 211 /lab
Biology: <i>Principles Biology</i> w/lab	BSC 121	BIOL 212 /lab
Biology: <i>Human Anatomy</i>	BSC 227	BIOL 225/226
Biology: <i>Human Physiology</i>	BSC 228	BIOL 227/228
Biology: <i>Microbiology and Human Disease</i>	BSC 250	BIOL 302
Chemistry: <i>Principles Chemistry I</i> w/lab	CHEM 211/217	CHEM 207 /lab
Chemistry: <i>Principles Chemistry II</i> w/lab	CHEM 212/218	CHEM 209 /lab
Chemistry: <i>Organic Chemistry I</i>	CHEM 355	CHEM 315 /lab
Chemistry: <i>Organic Chemistry II</i> w/lab	CHEM 356/361	CHEM 316 /lab
English: <i>Beginning Composition</i>	ENG 101	ENG 101
English: <i>Advanced Composition</i>	ENG 201	ENG 102
Mathematics: <i>Calculus with Analytic Geometry I</i>	MTH 229	MTH 205
Mathematics: <i>Statistics</i>	STA 225	MTH 314
Physics: <i>College Physics I</i> w/lab	PHY 201/201	PHYS 201 /lab

In addition, Shepherd students will complete the following:

PHYS 202/lab
 CHEM 329 Biochemistry I with Lab.
 BIOL 305 Cell Biology
 BIOL 344 Genetics
 CHEM 325 Computers in Science
 CHEM 340 Physical Chemistry with Lab.