

ARTICULATION AGREEMENT
BETWEEN MARSHALL UNIVERSITY AND
WEST VIRGINIA STATE UNIVERSITY FOR ACADEMIC
PROGRAMS LEADING TO A DOCTOR OF PHARMACY
DEGREE

Marshall University and West Virginia State University, in order to facilitate the efficient transfer of students between the two institutions, hereby establish an articulation agreement to promote and facilitate the educational opportunities afforded students interested in pursuing a pharmacy education. Such courses may be used to fulfill portions of both a general education curriculum and the requirements of a baccalaureate program of study and be eligible for application to the Doctor of Pharmacy degree.

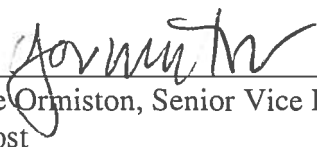
Students who are in good standing and meet the admissions requirements are eligible to matriculate at Marshall University and receive full credit for college-level coursework completed at West Virginia State University and other regionally accredited colleges or universities. Should a student transfer to Marshall University before the completion of a Bachelor's degree at West Virginia State University, Marshall University will monitor the student's progress and send an official transcript to West Virginia State University once the student has completed three semesters of the Pharm.D. curriculum (Appendix D). As appropriate, West Virginia State University may then use the combined coursework of the two schools to issue the student a Bachelor's degree.

The courses listed in the following articulation pathways represent a planning guide for students who intend to earn a major presented in one of West Virginia State University's degree programs. The pathway plans of study are presented as illustrative for full-time students who have fulfilled course prerequisites and completed the courses as outlined. Students who do not complete the sequence of courses outlined in a plan of study may require additional time and expense to complete the degree.

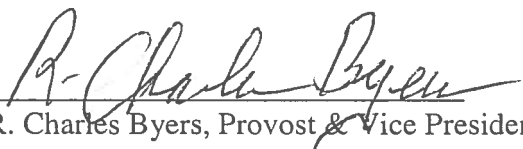
Marshall University and West Virginia State University agree to monitor and support the provisions of this agreement to ensure program consistency and quality, and transferability of the benefit of the students of both institutions.

This articulation agreement supplements all currently existing articulation agreements which will continue to serve as specialized links between the two institutions. Marshall University and West Virginia State University 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 chief academic officer 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 program. Students pursuing a Doctorate of Pharmacy degree through this articulation agreement will be bound by the curriculum requirements in effect at the time they are officially accepted into the articulated program. The attached curriculum requirements dated June 16, 2014, will be in effect until officially changed and agreed upon by both institutions.

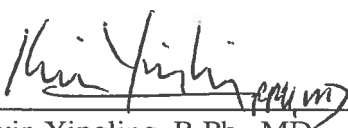
The terms of this agreement are hereby approved on June 16, 2014, by the respective administrations of the two schools.



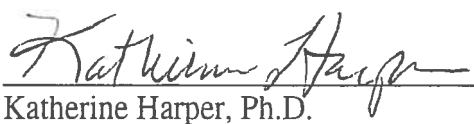
Gayle Ormiston, Senior Vice President &
Provost
Marshall University



R. Charles Byers, Provost & Vice President
for Academic Affairs
West Virginia State University



Kevin Yingling, R.Ph., MD
Dean, School of Pharmacy
Marshall University



Katherine Harper, Ph.D.
Dean of the College of Natural
Sciences and Mathematics
West Virginia State University

APPENDIX A: MATRICULATION PROCESS

Students attending West Virginia State University who elect to pursue the Pharm.D. degree program at Marshall University will have completed all courses listed in Appendix B or Appendix C prior to matriculation within the pharmacy program through West Virginia State University or have received transfer credit for courses completed at peer institutions.¹ Upon transfer to Marshall University School of Pharmacy (MUSOP), the listed courses will be accepted by Marshall University as meeting the required pre-pharmacy course requirement indicated for that course.

As part of the articulation agreement, MUSOP agrees to give guaranteed admission during each admission cycle to two or more² West Virginia State University students who select to transfer to the Pharm. D. program and meet the minimum transfer requirements. The minimum transfer requirements are:

1. Selection for receipt of guaranteed admission³ by the appropriate West Virginia State University Dean or group. West Virginia State University will submit a list of students deserving guaranteed admission to the MUSOP Office of Student Affairs prior to August 1 of each year;
2. Minimum grade point average of 3.2 at West Virginia State University averaged over all courses listed in the articulation agreement;
3. PCAT greater than 50 and completed within prior 12 months; PCAT scores must be submitted to Marshall University School of Pharmacy through PharmCAS;
4. Completed application for early decision before September 1 to the Marshall University School of Pharmacy through the online Pharmacy College Application Service (PharmCAS, at <http://www.pharmcas.org>);
5. Submission of the Marshall University School of Pharmacy supplemental application and all required applications fees before September 1;
6. Successful completion of an on-campus admissions interview.

The MUSOP admission cycle is a three-stage process that includes initial applicant screening, on-site interview, and the admission decision. Approximately 40% of applicants will be offered an on-site interview during any admissions cycle. All students completing prerequisite course work through West Virginia State University who meet or exceed the minimum requirements as identified above will receive preferential treatment during the MUSOP admission cycle. Receipt of preferential treatment absolves West Virginia State University students who meet the requirements of this articulation agreement from the initial applicant screening and guarantees the student an onsite interview.

¹ West Virginia State University students seeking admission to the MU pharmacy program are advised to apply after completion of the Sophomore Year of the Chemistry or Biology Curriculum (Appendix B or C).

² West Virginia State University will receive a minimum of 2 guaranteed seats for students matriculating to MUSOP. More student seats may be available within any year depending upon use of guaranteed seats allocated to peer institutions.

³ Receipt of guaranteed admission requires that the student apply for early decision to MUSOP and successful completion of an onsite interview.

APPENDIX B: PATHWAY PROGRAM - CURRICULUM IN BIOLOGY FOR WEST VIRGINIA STATE UNIVERSITY STUDENTS MATRICULATING TO MARSHALL UNIVERSITY'S SCHOOL OF PHARMACY THAT WILL RESULT IN RECEIPT OF A BACCALAUREATE IN BIOLOGY DEGREE

The following pathway is appropriate for the following major(s): **PHARMACY**

FRESHMAN YEAR

| FALL SEMESTER | MUSOP PREREQ EQUIVALENT | HRS | SPRING SEMESTER | MUSOP PREREQ EQUIVALENT | HRS |
|------------------|-------------------------|-----------|-----------------|-------------------------|-----------|
| Freshman Studies | | 1 | Bio 121 | BSC 121 | 4 |
| Bio 120 | BSC 120 | 4 | Chemistry 108 | CHM 218 | 2 |
| Chemistry 107 | CHM 217 | 2 | English 102 | ENG 102 | 3 |
| English 101 | ENG 101 | 3 | Math 222 | MTH 225 | 3 |
| Math 206 | MTH 229 | 4 | Chem 106 | CHM 212 | 3 |
| Chem 105 | CHM 211 | 3 | HHP 150 | | 2 |
| TOTAL | | 17 | TOTAL | | 17 |

34 SCH for Year

SOPHOMORE YEAR

| FALL SEMESTER | MUSOP PREREQ EQUIVALENT | HRS | SPRING SEMESTER | MUSOP PREREQ EQUIVALENT | HRS |
|---------------|-------------------------|-----------|-----------------|-------------------------|-----------|
| Chemistry 205 | CHM 355 | 3 | Chemistry 206 | CHM 356 | 3 |
| Chemistry 207 | CHM 355 | 2 | Chemistry 208 | CHM 361 | 2 |
| Bio 250 | | 4 | Bio 270 | | 4 |
| Eng 150 | | 3 | Phys 201 | PHYS 201 | 4 |
| Ged 100 | | 3 | Phys 203 | PHY 202 | 1 |
| | | | Int Persp | | 3 |
| TOTAL | | 15 | TOTAL | | 17 |

32 SCH for Year

JUNIOR YEAR

| FALL SEMESTER | MUSOP PREREQ EQUIVALENT | HRS | SPRING SEMESTER | MUSOP PREREQ EQUIVALENT | HRS |
|---------------|-------------------------|-----------|-----------------|-------------------------|-----------|
| Int Persp | | 3 | Bio 341 | BSC 250 | 4 |
| Bio 331 | BSC 227 | 4 | Bio 332 | BSC 228 | 4 |
| Phys 202 | PHY 203 | 4 | Eng 150 | | 3 |
| Phys 204 | PHY 204 | 1 | Chem 331 | | 3 |
| Bio 385 | | 4 | Elective | | 4 |
| TOTAL | | 16 | TOTAL | | 18 |

34 SCH for Year

SENIOR YEAR*

| FALL SEMESTER | MUSOP PREREQ EQUIVALENT | HRS | SPRING SEMESTER | MUSOP PREREQ EQUIVALENT | HRS |
|---------------|-------------------------|-----------|------------------|-------------------------|-----------|
| Elective | | 3 | Elective | | 4 |
| Ged 200 | | 3 | Bio 411 | | 1 |
| Hist | | 3 | Fine Arts | | 3 |
| Amer Trad | | 3 | Social Structure | | 3 |
| Elective | | 4 | Fine Arts | | 3 |
| TOTAL | | 16 | TOTAL | | 14 |

30 SCH for Year
130 SCH for BS in Biology

*Students matriculating to the Marshall University School of Pharmacy will have Senior Year course requirements waived. Such students will be eligible for graduation from West Virginia State University (BS in Biology upon completion of the P1 and P2 academic years of the pharmacy curriculum (Appendix D).

APPENDIX C: PATHWAY PROGRAM – CURRICULUM IN CHEMISTRY FOR WEST VIRGINIA STATE UNIVERSITY STUDENTS MATRICULATING TO MARSHALL UNIVERSITY’S SCHOOL OF PHARMACY THAT WILL RESULT IN RECEIPT OF A BACHLAURATE IN CHEMISTRY DEGREE

The following pathway is appropriate for the following major(s): **PHARMACY**

FRESHMAN YEAR

| FALL SEMESTER | MUSOP PREREQ EQUIVALENT | HRS | SPRING SEMESTER | MUSOP PREREQ EQUIVALENT | HRS |
|------------------|-------------------------|-----------|-----------------|-------------------------|-----------|
| Freshman Studies | | 1 | Chemistry 106 | CHM 212 | 3 |
| Chemistry 105 | CHM 211 | 3 | Chemistry 108 | CHM 218 | 2 |
| Chemistry 107 | CHM 217 | 2 | English 102 | ENG 102 | 3 |
| English 101 | ENG 101 | 3 | Math 222 | MTH 225 | 3 |
| Math 206 | MTH 229 | 4 | Ged 100 | | 3 |
| Comm 100 | | 3 | HHP 157 | | 2 |
| TOTAL | | 16 | TOTAL | | 16 |

32 SCH for Year

SOPHOMORE YEAR

| FALL SEMESTER | MUSOP PREREQ EQUIVALENT | HRS | SPRING SEMESTER | MUSOP PREREQ EQUIVALENT | HRS |
|---------------|-------------------------|-----------|-----------------|-------------------------|-----------|
| Chemistry 205 | CHM 355 | 3 | Chemistry 206 | CHM 356 | 3 |
| Chemistry 207 | CHM 355 | 2 | Chemistry 208 | CHM 361 | 2 |
| Bio 120 | BSC 120 | 4 | Bio 121 | BSC 121 | 4 |
| Phys 201 | PHY 201 | 4 | Phys 202 | PHY 203 | 4 |
| Phys 203 | PHY 202 | 1 | Phys 204 | PHY 204 | 1 |
| Chem 211 | | 4 | Chem 202 | | 2 |
| TOTAL | | 18 | TOTAL | | 16 |

34 SCH for Year

JUNIOR YEAR

| FALL SEMESTER | MUSOP PREREQ EQUIVALENT | HRS | SPRING SEMESTER | MUSOP PREREQ EQUIVALENT | HRS |
|---------------|-------------------------|-----------|-----------------|-------------------------|-----------|
| Chem 411 | | 3 | Bio 341 | BSC 250 | 4 |
| Bio 331 | BSC 227 | 4 | Bio 332 | BSC 228 | 4 |
| Chem 350 | | 1 | Chem 416 | | 3 |
| Eng 150 | | 3 | Chem 331 | | 3 |
| Chem 301 | | 3 | Chem 418 | | 2 |
| Chem 303 | | 2 | Chem 450 | | 1 |
| TOTAL | | 16 | TOTAL | | 17 |

33 SCH for Year

SENIOR YEAR*

| FALL SEMESTER | MUSOP PREREQ EQUIVALENT | HRS | SPRING SEMESTER | MUSOP PREREQ EQUIVALENT | HRS |
|---------------|-------------------------|-----------|------------------|-------------------------|-----------|
| Amer Trad | | 3 | Int Persp | | 3 |
| Fine Arts | | 3 | Fine Arts | | 3 |
| Int Persp | | 3 | Chem 333 | | 2 |
| Hist | | 3 | Chem 429 | | 3 |
| Chem 462 | | 3 | Social Structure | | 3 |
| | | | Ged 200 | | 3 |
| TOTAL | | 15 | TOTAL | | 17 |

32 SCH for Year

131 SCH FOR BS in Chemistry*

*Students matriculating to the Marshall University School of Pharmacy will have Senior Year course requirements waived. Such students will be eligible for graduation from West Virginia State University (BS in Chemistry) upon completion of the P1 and P2 academic years of pharmacy curriculum (Appendix D).

Appendix D: Marshall University School of Pharmacy Curriculum for P1 and P2 Academic Years

P1 Academic Year⁴

| Fall Semester | Hours (SCH) | Spring Semester | Hours (SCH) | |
|---------------|-------------|-----------------|-------------|-----------------|
| PHAR 541 | 4 | PHAR 543 | 4 | |
| PHAR 542 | 4 | PHAR 544 | 4 | |
| PHAR 551 | 5 | PHAR 532 | 3 | |
| PHAR 511 | 1 | PHAR 521 | 2 | |
| PHAR 531 | 3 | PHAR 545 | 4 | |
| PHAR 811 | 1 | PHAR 812 | 1 | |
| Total | 18 | Total | 18 | 36 SCH for Year |

P2 Academic Year

| Fall Semester | Hours (SCH) | Spring Semester | Hours (SCH) | |
|---------------|-------------|-----------------|-------------|-----------------|
| PHAR 661 | 6 | PHAR 671 | 7 | |
| PHAR 631 | 3 | PHAR 633 | 3 | |
| PHAR 632 | 3 | PHAR 634 | 3 | |
| PHAR 621 | 2 | PHAR 612 | 1 | |
| PHAR 611 | 1 | PHAR 635 | 3 | |
| PHAR 622 | 2 | PHAR 814 | 1 | |
| PHAR 813 | 1 | | | |
| Total | 18 | Total | 18 | 36 SCH for Year |

⁴ Current syllabi and a description of the four-year curriculum in its entirety may be found at http://www.marshall.edu/pharmacy/students/prospective-students/professional_curriculum/.