

Davis & Elkins College™

Department of Biology & Environmental Science BS Biology, Marshall University Pre-Pharmacy Program

This is a model four-year graduation plan. Your path to graduation may vary based on factors such as college credit you earned while in high school, your choice of general education electives, availability of courses, and your placement in English and mathematics.

Year 1 (D&E)

Fall		Spring	
Course	Credits	Course	Credits
BIOL 101 Principles of Biology	4	BIOL 102 Principles of Biology	4
MATH 195 Precalculus	4	MATH 196 Calculus	4
GES 105 First Year Seminar	3	CHEM 122 Fundamentals of Chemistry II	3
CHEM 120 Fundamentals of Chemistry I	3	CHEM 123 Chem Lab Principles II	1
CHEM 121 Chem Lab Principles I	1	ENGL 101A College Writing I	3
SPSC 102 Wellness Education	1	PHED 103 Activity	1
Total	16	Total	16

Year 2 (D&E)

Fall		Spring	
Course	Credits	Course	Credits
CHEM 205 Organic Chemistry I	3	CHEM 207 Organic Chemistry II	3
CHEM 206 Organic Techniques I	1	CHEM 208 Organic Techniques II	1
BIOL 205 Genetics	4	BIOL 297 Biology Forum	1
BIOL 208A Microbiology (even fall semesters)	4	BIOL 302 Cell and Molecular Biology (odd spring semesters)	4
MATH 180 Statistics	3	ENGL 102A College Writing II	3
GenEd (COMM)	3	GenEd (HIST)	3
		Elective	3
Total	18	Total	18

Year 3 (D&E)

Fall		Spring	
Course	Credits	Course	Credits
PHYS 221 OR 251	4	PYS 222 OR 252	4
BIOL 107 Human Anatomy	4	BIOL 335 Current Topics	1
GenEd (Lit)	3	BIOL 305 Evolution (even spring semesters)	4
GenEd (Rel or Phil)	3	BIOL 108 Human Physiology	4
Gen Ed (Social I)	3	GenEd (Social II)	3
GenEd (Art)	3	Elective	3
Total	20	Total	19

Year 4 (Marshall University)

Fall		Spring	
Course	Credits	Course	Credits
PHAR 541 Intro to Pharmacy I	4	PHAR 543 Intro to Pharmacy II	4
PHAR 542 Immunology and Microbiology*	4	PHAR 544 Prin. of Disease and Drug Action*	4
PHAR 546 Pharm Biochemistry	4	PHAR 532 Biopharmaceutics II	3
PHAR 511 Clinical Immunology	4	PHAR 521 Integrated Lab I	2
PHAR 531 Biopharmaceutics I	3	PHAR 545 Therapeutics I – OTC	4
PHAR 522 Intro to MedChem	2	PHAR 811 IPPE Community I*	1
		PHAR 819 PPE Longitudinal	
Total	18	Total	18

Notes:

PHAR 542 and PHAR 544 count as BIOL electives for the B.S. Biology degree at D&E. PHAR 811 counts as the equivalent of BIOL 498 for the Capstone sequence.

Students attending D&E who elect to pursue the Pharm.D. degree program at Marshall University will have completed all courses listed prior to matriculation within the pharmacy program through D&E or have received transfer credit for courses completed at peer institutions. 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 one or more students who select to transfer to the Pharm.D. program and meet the minimum transfer requirements. The minimum transfer requirements are:

1. D&E 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 D&E averaged over all courses listed in the articulation agreement;
3. Completed application for early decision before September 1 to the Marshall University School of Pharmacy through the online Pharmacy College Application Service (PharrnCAS)
4. Submission of the Marshall University School of Pharmacy supplemental application and all required applications fees before September 1;
5. Successful completion of an on-campus admissions interview.