

# Westmoreland County Community College / Duquesne University of the Holy Spirit

## School of Pharmacy Articulation Agreement

### **Professional Doctorate Pathway- Pharm.D.**

This cooperative program between Westmoreland County Community College (WESTMORELAND) and Duquesne University is a six-year doctoral program leading to the Doctor of Pharmacy (Pharm.D.) degree. The Pre-Pharmacy Program at WESTMORELAND allows academically qualified students to attend WESTMORELAND for two years of pre-pharmacy course work before transferring to the Duquesne University School of Pharmacy for the “professional phase” of their studies. Students must be accepted into WESTMORELAND associate degree program as freshmen and must complete the first two years of their undergraduate work at WESTMORELAND. This Articulation Agreement facilitates the transfer of qualified WESTMORELAND students who have completed the WESTMORELAND associates of science in pre-pharmacy degree into the 2+4 PharmD program at Duquesne University. A minimum of sixty-four (64) transfer credits are required to be transferred into the PharmD program. Of those 64 credits, 27 credits will be accepted for science coursework, 6-7 credits will be accepted for math coursework, 6 credits will be accepted for English coursework and 24 will be accepted for humanities coursework. Of those academic disciplines the following classes are required;

General Biology I & lab	4 cr.
General Biology II & lab	4 cr.
General Chemistry I & lab	4 cr.
General Chemistry II & lab	4 cr.
Organic Chemistry I & lab	4 cr.
Organic Chemistry II & lab	4 cr.
General Physics	3 cr.
Calculus I	4 cr.
Statistics	3 cr.
Ethics	3 cr.
English Composition and Literature	3 cr.
English Literature	3 cr.

### **Financial Aid Process for Professional Phase at Duquesne University**

Students accepted under this program are eligible to be considered for Duquesne University academic scholarships and need-based financial aid funds. They should contact the Office of Financial Aid at 412-396-6607 or visit online at [www.duq.edu/admissions-and-aid/financial-aid](http://www.duq.edu/admissions-and-aid/financial-aid) for additional information on the application process.

### **Admissions Process for Professional Phase at Duquesne University**

Students should apply to Duquesne University by the January 15th of their sophomore year at Westmoreland County Community College. All applicants will be placed into a pool of Westmoreland County Community College applicants from which students will be chosen. Once offered acceptance, students will have four weeks to send their enrollment deposit to Duquesne in order to reserve their space in the program. If that deadline passes without a deposit being received by Duquesne University, the prospective student's space will be given to another student, and they will be placed at the bottom of the applicant wait list.

Westmoreland County Community College

**Biology Associate of Science - Duquesne University Doctor of Pharmacy**

The Biology AS is designed to prepare students for a rigorous four-year Biology program. This program focuses on the study of principles of biology, problem solving, critical thinking, laboratory skills, and technical communication.

The following pathway is designed for students who are interested in pursuing a Doctor of Pharmacy (Pharm.D) from Duquesne University. For those admitted into Duquesne's program, an additional four years will be required at Duquesne after completion of the associate's degree. In each academic year, Duquesne will admit up to two students who meet the criteria listed in the below note. At the discretion of Duquesne, more than two students may be admitted in any given year, depending upon space availability.

Sugg. Term	Seq #	Course ID	Course Title	Cr.	Term Offered	Prereq(s)	Options Available
1st Fall	1	PDV 171	Career Pathway Exploration	3	F		
	2	ENG 161	College Writing	3	F, Sp, Su	ENG 085 or Placement	
	3	MTH 158	Precalculus Mathematics	3	F, Sp, Su	MTH 157 or Placement	
	4	BIO 155	General Biology I	4	F, Sp, Su		
	5	CHM 155	General Chemistry I	4	F, Sp, Su	CHM 107 or HS Chemistry & MTH 052 or 052A, or Placement	
1st Spring	6	MTH 172	Analytical Geometry and Calculus I	4	F, Sp, Su	MTH 109, 158 or Placement	
	7	BIO 156	General Biology II	4	F, Sp, Su	BIO 155	
	8	CHM 156	General Chemistry II	4	F, Sp, Su	CHM 155	
	9	ENG 255	Introduction to Literature	3	F, Sp, Su		
2nd Fall	10	CHM 250	Organic Chemistry I	4	F, Su	CHM 156	
	11	Elective	BIO Elective	3-4	F, Sp, Su		BIO 120,145,255, 265,285
	12	SPC 155	Effective Speech	3	F, Sp, Su		
	13	PHY 155	College Physics I	4	F, Sp, Su		PHY 255
2nd Spring	14	CHM 251	Organic Chemistry II	4	Sp, Su	CHM 250	
	15	Elective	BIO Elective	4	F, Sp, Su		BIO 120,145,255, 265,285
	16	STM 296	STEM Seminar	1	Sp	9 credits of Natural Science and/or Math with at least one of these courses at the 200-level	
	17	PHL 161	Introduction to Ethics	3	F, Sp, Su		
	18	Elective	Social Science Elective	3	F, Sp, Su		Page 30 Column III
	19	MTH 160	Introduction to Statistics	3	F, Sp, Su		

**Total Program Credits**

**64-65**

Westmoreland County Community College

**Chemistry Associate of Science - Duquesne University Doctor of Pharmacy**

The Chemistry AS is designed to prepare students for a rigorous four-year Chemistry program. This program focuses on the study of principles of chemistry, problem solving, critical thinking, laboratory skills and technical communication.

The following pathway is designed for students who are interested in pursuing a Doctor of Pharmacy (Pharm.D) from Duquesne University. For those admitted into Duquesne's program, an additional four years will be required at Duquesne after completion of the associate's degree. In each academic year, Duquesne will admit up to two students who meet the criteria listed in the below note. At the discretion of Duquesne, more than two students may be admitted in any given year, depending upon space availability.

Sugg. Term	Seq #	Course ID	Course Title	Cr.	Term Offered	Prereq(s)	Options Available
1st Fall	1	PDV 171	Career Pathway Exploration	3	F		
	2	PHY 255	Engineering Physics I	5	F	PHY 110 or HS Physics & Co-Requisite MTH 172	
	3	CHM 155	General Chemistry I	4	F, Sp, Su	CHM 107 or HS Chemistry & MTH 052 or 052A, or Placement	
	4	MTH 172	Analytical Geometry & Calculus I	4	F, Sp, Su	MTH 109, 158 or Placement	
1st Spring	5	ENG 161	College Writing	3	F, Sp, Su	ENG 085 or Placement	
	6	MTH 173	Analytical Geometry & Calculus II	4	F, Sp, Su	MTH 172	
	7	PHY 256	Engineering Physics II	5	Sp	PHY 255	
	8	CHM 156	General Chemistry II	4	F, Sp, Su	CHM 155	
2nd Fall	9	ENG 255	Introduction to Literature	3	F, Sp, Su		Page 30 Column II
	10	CHM 250	Organic Chemistry I	4	F, Su	CHM 156	
	11	BIO 155	General Biology I	4	F		
	12	MTH 271	Analytical Geometry & Calculus III	4	F, Su	MTH 173	
	13	PHY 259	Thermodynamics & Fluid Mechanics	3	F	PHY 255	
2nd Spring	14	CHM 251	Organic Chemistry II	4	Sp, Su	CHM 250	
	15	BIO 156	General Biology II	4	Sp		
	16	SPC 155 or PHL 161	Effective Speech or Introduction to Ethics	3	F, Sp, Su		
	17	STM 296	STEM Seminar	1	Sp	9 credits of Natural Science and/or Math with at least one of these courses at the 200-level	
	18	MTH 160	Introduction to Statistics	3	F, Sp, Su		

**Total Program Credits**

**65**