

2026-27 Academic Catalog/Class of 2027 Graduation Requirements Master of Science in Population Health Sciences (MSPHS)

The MSPHS is a 35.5 semester credit hour program that is designed to be completed in either 12 months (three semesters) full-time or over an extended period part-time. The coursework is comprised of required courses, elective courses, an internship or research experience, and a capstone.

Program Requirements

Fall Core Courses	Units
PHAR 5332 Biostatistics	2.5
POP/PHAR 7546 Healthcare Delivery Science and Medication Safety	1.5
POP/PHAR 7563 Fundamentals of Medical Affairs/ RES 6000/Res 6001	3/1.5
MATH 5100 Data Analytics in Python	1.5
MSCM 5005 Chronic and Infectious Diseases in Community Health	3.0
POP 7700 Capstone	3.0
Electives* *(3.0 Units if taking MSCM 5001; 6.0 Units if taking MSCM 5002 in Spring)	3.0-6.0
Subtotal	16.0
SUMMER Experiential Component	
Internship / Research Experience	
400 Hours	

Spring Core Courses	Units
POP/PHAR 6421 Pharmacoeconomics and Pharmacovigilance	2.0
POP/PHAR 6428 Population Health	2.0
POP/PHAR 7513 Healthcare Finance and Reimbursement/ RES 6000/RES 6001	1.5/3.0
POP 7520 Pharmaceutical Marketing/ RES 6000/RES 6001	1.5/3.0
POP 7543 Planning, Implementing, and Optimizing Systems/ RES 6000/RES 6001	3
PHAR 5370 Introduction to Industry	2.0
MATH 5300 Machine Learning in Life Sciences (or MATH 5220 Data Analytics in R)	1.5
POP 7700 Capstone	3.0
Electives* (3.0 Units if taking MSCM 5001 in Fall; 0 Units if taking MSCM 500 in Spring)	3.0-6.0
Subtotal	19.5