

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 7546 Healthcare Delivery Science and Medication Safety	1.5
POP 7563 Fundamentals of Medical Affairs	1.5
MATH 5100 Data Analytics in Python	1.5
MSCM 5001 Infectious Diseases and Community Health (or MSCM 5002 Chronic Diseases and Community Health in Spring)	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 6421 Pharmacoeconomics and Pharmacovigilance	2.0
POP 6428 Population Health	2.0
POP 7513 Healthcare Finance and Reimbursement	1.5
POP 7520 Pharmaceutical Marketing	1.5
POP 7543 Planning, Implementing, and Optimizing Systems	3
PHAR 5370 Introduction to Industry	2.0
MATH 5300 Machine Learning in Life Sciences (or MATH 5220 Data Analytics in R)	1.5
MSCM 5002 Chronic Diseases and Community Health (or MSCM 5001 Infectious Diseases and Community Health in Fall)	3.0
POP 7700 Capstone	3.0
Electives* (3.0 Units if taking MSCM 5001 in Fall; 0 Units if taking MSCM 500 in Spring)	0-3.0
Subtotal	19.5