

MPH – Biostatistics Curriculum & Recommended Course Sequencing

Effective for those following the 2024/2025 academic curriculum guide

REQUIRED CORE COURSES - (16 units)

EPID 573A	Basic Principles of Epidemiology (3)
PHPM 574	Public Health Policy & Management (3)
EHS 575	Environmental & Occupational Health (3)
BIOS 576A	Biostatistics in Public Health (3)
HPS 577	Sociocultural & Behavioral Aspects of Public Health (3)
BIOS 580	Integrated Public Health Learning Experience - MPH capstone course (1)

Must be taken after other core courses are completed; should not be taken concurrently

Master's Report Preparation Workshop (**required**; non-credit; semester before applied practice experience begins)

Interprofessional Education Activities (**documentation required**; non-credit)

REQUIRED BIostatISTICS COURSES - (17 units)

BIOS 576B	Biostatistics for Research (3)
BIOS 576C	Applied Biostatistics Analysis (3)
BIOS 680	Biostatistical Methods I: Clinical Trials/Survival Analysis(3)
BIOS 909	Master's Report (5)

ELECTIVE COURSES - (minimum 12 units)

All 3-unit 500 or 600 level BIOS courses

Other elective courses:

EPID 677	Genetic Association Studies (3)
STAT 571A	Advanced Statistical Regression Analysis (3)
STAT 571B	Design of Experiments (3)
STAT 675	Statistical Computing (3)

At most 6 elective credits may be applied from BIOS 550, BIOS 551, and BIOS 552

Total Required Credit Hours: 42

Biostatistics Recommended Course Sequencing

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FIRST YEAR			
Fall Semester- (9 units)		Spring Semester- (9 units)	
BIOS 576A*	Biostatistics in Public Health (3)	BIOS 576B ¹	Biostatistics for Research (3)
EPID 573A*	Basic Principles of Epidemiology (3)	PHPM 574*	Public Health Policy & Management (3)
EHS 575*	Environmental & Occupational Health (3)	HPS 577*	Sociocultural & Behavioral Aspects of Public Health (3)
		Master's Report Preparation Workshop (required ; non-credit)	
SECOND YEAR			
Fall Semester - (12 units)		Spring Semester - (12 units)	
BIOS 576C ¹	Applied Biostatistics Analysis (3)	BIOS 680 ²	Biostatistical Methods I: Clinical Trials/Survival Analysis (3)
Elective(s)	(From the eligible elective courses) (9)	BIOS 909**	Master's Report (5)
		Elective	(From the eligible elective courses) (3)
		BIOS 580	Integrated Public Health Learning Experience - MPH capstone course (1)
IMPORTANT GUIDELINES			
Bolded courses in first fall semester indicate essential courses for the student to take that semester.			
* MPH required core courses are offered fall & spring semesters, allowing flexibility. The modality and number of offerings may vary by semester and are subject to change. All five 3-unit Core Courses must be complete prior to the student's final term in the program.			
** Prerequisites for BIOS 909 – Master's Report: At least 3 MPH core courses and BIOS 576A and BIOS 576B. BIOS 909 may be taken in one or more semesters and the credits may be split across semesters. Final report cannot be submitted until all five 3-unit core courses have been completed.			
¹ Offered in the Fall Semester.			
² BIOS 680 is only offered in the Spring Semester.			