

MASTER OF PUBLIC HEALTH – CURRICULUM GUIDE

Biostatistics Concentration (Start Term Fall 2019 – Present)

COURSE #	COURSE TITLE	CREDITS	REQUIRED/ELECTIVE	SEMESTER OFFERED
MPH Core Courses – 19 credit hours (grade of B- or better required)				
PH7010	Biostatistics for Public Health	3	Required	Fall/Spring/Summer
PH7012	Introduction to Qualitative Methods	1	Required	Fall/Spring
PH7020	Environmental Public Health	3	Required	Fall/Spring
PH7030	Epidemiology for Public Health	3	Required	Fall/Spring/Summer
PH7060	Health Systems & Policy	3	Required	Fall/Spring/Summer
PH7070	Leadership, Communication, & Systems Thinking in Public Health Management	3	Required	Fall/Spring/Summer
HPE7040	Social & Behavioral Foundations of Public Health	3	Required	Fall/Spring
*(See note pg 2)	DEPHS Wednesday Seminar (1 required each semester)	0	Required	Fall/Spring
Biostatistics Concentration Courses – 12 credit hours (grade of B- or better required)				
PH 7023	Advanced Biostatistics (PH 7010 Prerequisite)	3	Required	Fall
PH 7024	Computational Statistics	3	Required	Spring
PH 7088	Regression Analysis	3	Required	Spring
PH 7089	Experimental Design	3	Required	Fall
Elective Courses – Select a minimum of 6 credit hours from the following list of suggested elective courses:				
PH 7003	Racism as a Public Health Concern	3	Elective	Fall
PH 7011	Statistical Computation and Software	1	Elective	Fall/Summer
PH 7028	Introduction to Data Science	3	Elective	TBD
PH 7034	Data Collection and Storage with REDCap	1	Elective	Fall
PH 7054	Data Science for Biomedical Research	3	Elective	Spring
PH 7061	Biostatistics in Research	3	Elective	Spring
PH 7064C	Statistical Genetics	3	Elective	TBD
PH 7081	IRB Submission for Researchers	1	Elective	Summer
PH 7090C	Applied Survival Analysis (PH 7010 Prerequisite)	3	Elective	TBD
PH 7091	Applied Multivariate Analysis (PH 7010 Prerequisite)	3	Elective	TBD
PH 8083	Data Analysis with R and SAS	3	Elective	TBD
PH 8093	Introduction to Database Management Systems	3	Elective	Fall
PH 9063C	Special Topics	1	Elective	Fall/Spring

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COURSE #	COURSE TITLE	CREDITS	REQUIRED/ELECTIVE	SEMESTER OFFERED
APE (Practicum) – 2 credit hours (grade of B- or above required) – *See note below for registration requirements.				
PH9010	Applied Practice Experience	2	Required	Fall/Spring/Summer
ILE (Capstone/Thesis) – 3 credit hours (grade of B- or above required) – *See note below for registration requirements.				
PH9020	Integrated Learning Experience (<i>Choice of Capstone OR Thesis</i>)	3	Required	Fall/Spring/Summer
TOTAL CREDITS		42	ALL semester course offerings are subject to change.	

All questions regarding the student’s program of study should be directed to the MPH academic advisor. This document serves as a resource to be used by the student and the advisor with course planning, but is not inclusive of all-important degree, college, and university requirements. All students are expected to be familiar with the [UC MPH Student Handbook](#) and the [UC Graduate School Student Handbook](#).

- ***PH9010/9020 Registration Requirements**
 - Attendance required for at least one DEPHS Wednesday seminar each semester
 - Minimum of 20 hours of volunteer service
 - Earned at least 21 credit hours
 - 3.0 program GPA or higher
- 3.0 program GPA (B average) or higher required for graduation.
- “I” or “NG” grades must be removed from academic record prior to applying for graduation.
- Students are required to register for at least 1 credit hour per academic year (Fall/Spring/Summer) to maintain active student status.
- Students must complete all degree requirements no later than five (5) years from their start term of matriculation into the program.
- MPH Core Courses and Concentration Courses are required and cannot be replaced with another course.
- Students can enroll in any PH graduate level course code not listed above to fulfill an elective requirement. Courses that do not have a PH course code require an Elective Approval Form signed by a Concentration Director.