



Public Health Data Science Concentration Study Plan

Master of Public Health, effective Fall 2020

Course Number	Course Name	Credits	Degree Requirement
Fall 1			
SPHG 711	Data Analysis for Public health	2	Core
SPHG 712	Methods and Measures for Public Health Practice	2	Core
SPHG 713	Understanding Public Health Issues	2	Core
BIOS 512	Data Science Basics	3	Concentration
BIOS 650	Basic Elements of Probability and Statistical Interference I	3	Concentration
Semester Hours		12	
Spring 1			
SPHG 721	Public Health Solutions: Systems, Policy & Advocacy	2	Core
SPHG 722	Developing, Implementing, & Evaluating Public Health Solutions	4	Core
SPHG 701	<i>Leading from the Inside-Out*</i>	2	Core
BIOS 635	Introduction to Machine Learning	3	Concentration
BIOS 645	Principles of Experimental Analysis	3	Concentration
Semester Hours		14	
Summer 1			
	MPH Practicum		Core
Fall 2			
	MPH Comprehensive Exam		Core
SPHG 702	<i>Practicum Evaluation & Interprofessional Practice*</i>	1	Core
EPID 711	Clinical Measurement/Evaluation	3	Concentration
	Elective (Graduate-Level Course)	3	Elective
	Elective (Graduate-Level Course)	3	Elective
Semester Hours		10	
Spring 2			
BIOS 992	Data Science MPH Culminating Experience	3	Concentration
	Elective (Graduate-Level Course)	3	Elective
Semester Hours		6	
MPH Degree Total		42	

*Indicate a MPH Practicum Course

Updated JUL 2020