

# MULTIDISCIPLINARY CERTIFICATE IN PUBLIC HEALTH

**Coordinator,** Allison Ruark

The Multidisciplinary Certificate in Public Health leverages common courses and a flexible, elective-oriented selection of classes to deepen students' engagement with public health issues using skills and knowledge drawn from the intersection of the natural sciences, social sciences, and humanities. Students will develop fluency across relevant public health-related disciplines, analyze how public health problems are structured in various contexts, and develop skills in proposing and evaluating interventions to complex and intransigent public health problems. The 22-credit Certificate includes required courses in epidemiology and other public health approaches and methods, along with elective courses with salience for the study and practice of public health.

## Requirements

The requirements for this certificate are 22 credits as follows:

Code	Title	Credits
<b>Category 1 - Required Core Courses</b>		<b>10</b>
BHS 494 or BMB 494 or NEUR 494	The Integrated Biological and Health Scientist Biochemistry Molecular Biology Capstone Neuroscience Capstone	
HS 311	Introduction to Public Health <sup>1</sup>	
HS 381	Concepts in Epidemiology <sup>1</sup>	
<b>Category 2 - Methods and Statistics (choose 1 course) <sup>2</sup></b>		<b>4</b>
ANTH 482	Ethnographic Theory and Method	
ECON 321	Statistics	
HNGR 385	Field Research Methods (This course open only to students in the Human Needs Global Resources (HNGR) certificate.)	
HS 382	Biostatistics	
HS 392	Public Health Research Theory and Methods	
MATH 263	Introduction to Statistics	
PSYC 268	Statistics	
SOC 383	Statistics	
SOC 482	Social Research	
<b>Category 3 - Issues and Context (choose 8 credits) <sup>2</sup></b>		<b>8</b>
ANTH 361	Medical Anthropology	
ANTH 342	Food, Farms, and Culture	
B EC 382	Topics in Business	
B EC 384	Topics in Business	
BIOL/PHIL 304	Bioethics	
BIOL/PHIL/ ENVR 305	Environmental Ethics	
BIOL 318	Global Health	
BIOL 319	Introduction to Environmental Ethics	
ECON 364	Health Economics	
HNGR 114	Poverty, Justice and Transformation	

HS 312	Pandemics: Ancient and Modern
HS 368	Concepts in Nutrition
HS 373	Behavioral Medicine
HS 374	Social Determinants of Health
PHIL 105	Race & Justice
PHIL 205	Ethics & Society
PHIL 251	Global Justice
PSYC 235	Cross-Cultural Psychology
PSCI 343	Political Ethics
PSCI 385	Urban Politics
SOC 325	Violence in Minority Communities
SOC 327	Violence Against Women
SOC 347	Gender & Society
SOC 355	Social Class & Inequality
URBN 114	Social Life of Cities
URBN 371	Race, Class, and Justice
<b>Total Credits</b>	<b>22</b>

<sup>1</sup> Complete HS 381 and HS 311 early in the certificate.

<sup>2</sup> At least 8 credits must be from departments outside the student's major.