PUBLIC HEALTH - CERTIFICATE

The undergraduate certificate in public health encourages students to extend the breadth of their undergraduate education to include elements of public health. Students are encouraged to take courses from a variety of participating departments to develop an appreciation of the interdisciplinary nature of public health.

For more information, visit the Public Health Certificate Program (http://www.colorado.edu/certificate/publichealth/) website.

Requirements

The certificate requirements include a minimum of 22 credit hours of coursework, including at least 9 upper-division credit hours. A maximum of 6 semester credit hours from other institutions will be accepted.

Required Courses and Credit Hours

Code	Title	Credit Hours
Required Courses		**10**
GEOG/IPHY 2692	Foundations in Public Health	
GEOG 3692	Introduction to Global Public Health	
IPHY 3490	Introduction to Epidemiology	
Required biology course:		*3*
EBIO 1100	Biology and Society	
or EBIO 1210	General Biology 1	
or MCDB 1030		
or MCDB 1150	Introduction to Cellular and Molecular Biology	
At least one of the following courses in statistics:		*3-4*
ANTH 4000	Quantitative Methods in Anthropology	
or BCOR 1025	Statistical Analysis in Business	
or CHEN 3010	Applied Data Analysis	
or EBIO 1010	Introduction to Statistics and Quantitative Thinking for Biologists	
or EBIO 4410	Biological Statistics	
or ECON 3818	Introduction to Statistics with Computer Applications	
or GEOG 3023	Statistics and Geographic Data	
or MATH 2510	Introduction to Statistics	
or PSCI 2075	Quantitative Research Methods	
or PSYC 2111	Psychological Science I: Statistics	
or SOCY 2061	Introduction to Social Statistics	
or STAT 2600	Introduction to Data Science	
Electives		
Six credit hours of public health electives. At least one course (at least 3 credits) must be at the upper-division level, and at least one course (at least 3 credits) must be from outside of the student's major.		6
Biomedicine and Health		
EBIO 3400	Microbiology	
EBIO 3630	Parasitology	
IPHY 2420	Introduction to Nutrition	
IPHY 3440	Clinical Nutrition	
MCDB 3160	Infectious Disease	
MCDB 4201	From Bench to Bedside: The Role of Science in Medicine	
SLHS 3014	Hearing Loss Epidemiology	
Global, Population and Environmental Health		
ECON 4646	Topics in Health Economics	
ENVS 3525	Intermediate Environmental Problem Analysis: Topical Cornerstones	
ENVS 4800	Capstone: Critical Thinking in Environmental Studies	
GEOG 3682	International Development: Economics, Power, and Place	
GEOG 4732	Population Geography	
GEOG 4852	Health and Medical Geography	
IAFS 3000	Special Topics in International Affairs	
PSCI 4012	Global Development	
SLHS 1010	Disabilities in Contemporary American Society	
SOCY 4007	Global Human Ecology	
Medical Humanities		
HIST 4326	Epidemic Disease in US History	
MUEL 3862	Music and Global Health	
PHIL 1160	Introduction to Medical Ethics	
PHIL 3160	Bioethics	
SPAN 3080	Spanish Health Professions	
WGST 3510	Gender, Sexuality and Global Health	
WRTG 3020	Topics in Writing	
Social, Cultural and Behavioral Health		
ANTH 4060	Nutrition and Anthropology	
ANTH 4610	Medical Anthropology	
PSYC 3102	Behavioral Genetics	
PSYC 4263	Psychological Treatment: An Evidence-Based Approach	
PSYC 4443	Research Methods in Clinical Psychology	
PSYC 4606	Advanced Topics in Social Psychology	
SOCY 1022	Ethics and Social Issues in U.S. Health and Medicine	
SOCY 3032	Social Epidemiology	
SOCY 3042	Topics in Population and Health	
SOCY 3045	Sociology of Death and Dying	
SOCY 3052	Medical Sociology	
SOCY 4052	Social Inequalities in Health	
SOCY 4062	Suffering and Care in Society	
Total Credit Hours		**22-23**

Global Public Health is an unofficial track of the Public Health Certificate designed specifically for IAFS students. Students interested in pursuing the Global Public Health track of the Public Health Certificate can find additional information on the International Affairs Program (http://www.colorado.edu/iafs/academics/certificates/global-public-health/) website.