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 18 credit hours (not to exceed 24) 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 3692</td>
<td>Introduction to Global Public Health</td>
<td>6</td>
</tr>
<tr>
<td>IPHY 3490</td>
<td>Introduction to Epidemiology</td>
<td></td>
</tr>
</tbody>
</table>

#### Required biology course:

- E BIO 1100 | Biology and Society  
- or E BIO 1210 | General Biology 1  
- or M CDB 1030 | Introduction to Molecular Biology  
- or M CDB 1150 | Introduction to Cellular and Molecular Biology  

At least one of the following courses in statistics:

- ANTH 4000 | Quantitative Methods in Anthropology  
- or BCOR 1025 | Statistical Analysis in Business  
- or CHEN 3010 | Applied Data Analysis  
- or E BIO 1010 | Introduction to Statistics and Quantitative Thinking for Biologists  
- or E BIO 4410 | Biological Statistics  
- or E CON 3818 | Introduction to Statistics with Computer Applications  
- or GEOG 3023 | Statistics and Geographic Data  
- or IPHY 2800 |  
- or MATH 2510 | Introduction to Statistics  
- or P SCI 2075 | Quantitative Research Methods  
- or PSYC 2111 | Psychological Science I: Statistics  
- or SO CY 2061 | Introduction to Social Statistics  
- or STAT 2600 | Introduction to Data Science  

### Electives

Six credit hours of primarily upper-division public health electives. At least one course (at least 3 credits) must be from outside of the student’s major.

#### Biomedicine and Health

- E BIO 3400 | Microbiology  
- E BIO 3630 | Parasitology  
- IPHY 2420 | Introduction to Nutrition  
- IPHY 3440 | Clinical Nutrition

IPHY 3500 |  
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

- E CON 4646 | Topics in Health Economics  
- ENV S 3525 | Intermediate Environmental Problem Analysis: Topical Cornerstones  
- ENV S 4800 | Capstone: Critical Thinking in Environmental Studies  

- GEOG 3682 | Geography of International Development  
- GEOG 4732 | Population Geography  
- GEOG 4852 | Health and Medical Geography  
- IAF S 3000 | Special Topics in International Affairs  
- P SCI 4012 | Global Development  
- SLHS 1010 | Disabilities in Contemporary American Society  

- SO CY 4007 | Global Human Ecology  

### Medical Humanities

- H IST 4326 | Epidemic Disease in US History  
- M UEL 3862 | Music and Global Health  
- PHIL 1160 | Introduction to Medical Ethics  
- PHIL 3160 | Bioethics  

- SPAN 3080 | Spanish Health Professions  
- W GST 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  
- SO CY 1022 | Ethics and Social Issues in U.S. Health and Medicine  

- SO CY 3032 | Social Epidemiology  
- SO CY 3042 | Topics in Population and Health  

- SO CY 3045 | Sociology of Death and Dying  
- SO CY 3052 | Medical Sociology  

- SO CY 4052 | Social Inequalities in Health  
- SO CY 4062 | Suffering and Care in Society

#### Total Credit Hours

18-19

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.