PUBLIC HEALTH, BS

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Introduction

Please click here (http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-liberal-arts-sciences/health-behavioral-sciences/) to see Health and Behavioral Sciences department information.

The College of Liberal Arts and Sciences (CLAS) and the Colorado School of Public Health (CSPH) together created the undergraduate Public Health program. Public health professionals work to protect the environment, identify sources of illness in population groups, control disease outbreaks, evaluate the economic ramifications of changing demographics, develop interventions to promote healthy behavior and produce health policy legislation. Public health draws from a broad array of disciplines, including a range of social, behavioral, and natural sciences, each provides unique insights for the diverse set of activities involved in public health practice.

Students in the BS program develop a specialty in the natural sciences and public health. Graduates with a BS in Public Health will be prepared for pursuit of graduate degrees in a broad range of fields, including the natural, social, and behavioral sciences, public health, law, medicine, dentistry, pharmacy, nursing, business administration, and health services research. The program is especially appropriate for students intending to pursue careers in public health, as well as primary care specialties in medicine, nursing, or health policy and administration.

These degree requirements are subject to periodic revision by the academic department, and the College of Liberal Arts and Sciences reserves the right to make exceptions and substitutions as judged necessary in individual cases. Therefore, the College strongly urges students to consult regularly with their major advisor and CLAS advisor to confirm the best plans of study before finalizing them.

Program Delivery

- This is an on-campus program.

Declaring This Major

- Click here (http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-liberal-arts-sciences/#policiestext) to go to information about declaring a major.

General Requirements

To earn a degree, students must satisfy all requirements in each of the three areas below, in addition to their individual major requirements.

- CU Denver General Degree Requirements (http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation/)
- CU Denver Core Curriculum (http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation-undergraduate-core-requirements/)
- College of Liberal Arts & Sciences General Degree Requirements (http://catalog.ucdenver.edu/cu-denver/undergraduate/)
- Biostatistics
- Applied Statistics
- Statistics and Research Methods
- Biostatistics

Program Requirements

1. Students must complete a total of 73 credit hours from approved courses.
2. Students must complete a minimum of 16 upper-division (3000-level and above) credit hours from approved courses.
3. Students must earn a minimum grade of C- (1.7) in all courses that apply to the major and must achieve a minimum cumulative major GPA of 2.0. All graded attempts in required and elective courses are calculated in the major GPA. Courses taken using P+/P/F or S/U grading cannot apply to major requirements.
4. Students must complete a minimum of 26 PBHL credit hours with CU Denver faculty, including a minimum of 5 of the following PBHL 2001 Introduction to Public Health, PBHL 3001 Introduction to Epidemiology, PBHL 3020 Introduction to Environmental Health, PBHL 3030 Health Policy, PBHL 3070 Perspectives in Global Health, PBHL 4040 Social Determinants of Health or PBHL 4099 Capstone Experience in Public Health.

Program Restrictions, Allowances and Recommendations

1. PHYS 2321 Intro Experimental Phys Lab I and PHYS 2341 Intro Experimental Phys Lab II are specifically designed for students in non-Physics majors and can be paired with either PHYS 2010 College Physics I and PHYS 2020 College Physics II or PHYS 2311 General Physics I: Calculus-Based and PHYS 2331 General Physics II: Calculus-Based lectures. Students pursuing a second major in Physics should complete PHYS 2311 General Physics I: Calculus-Based and PHYS 2331 General Physics II: Calculus-Based and PHYS 2351 Applied Physics Lab I and PHYS 2361 Applied Physics Lab II.

Complete the following program requirements: 73

Complete all of the following required courses: 23

A minimum of five must be taken at the University of Colorado Denver.

PBHL 2001 Introduction to Public Health
PBHL 3001 Introduction to Epidemiology
PBHL 3020 Introduction to Environmental Health
PBHL 3030 Health Policy
PBHL 3070 Perspectives in Global Health
PBHL 4040 Social Determinants of Health
PBHL 4099 Capstone Experience in Public Health

Complete one of the following Quantitative Methods courses, or another statistics course that has been approved by the undergraduate program director/advisor in advance: 3

ANTH 4050 Quantitative Methods in Anthropology
BIOL 3763 Biostatistics
MATH 2830 Introductory Statistics
MATH 4830 Applied Statistics
PSYC 2090 Statistics and Research Methods
Complete the following Biological and Physical Sciences requirements: 41

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>BIOL 2010</td>
<td>Organisms to Ecosystems (Gen Bio)</td>
</tr>
<tr>
<td>or BIOL 203C</td>
<td>Honors Organisms to Ecosystems (Gen Bio)</td>
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<td>BIOL 2011</td>
<td>Organisms to Ecosystems Lab (Gen Bio)</td>
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<tr>
<td>or BIOL 2031</td>
<td>Honors Organisms to Ecosystems Lab (Gen Bio)</td>
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<tr>
<td>BIOL 2020</td>
<td>Molecules to Cells (Gen Bio)</td>
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<tr>
<td>or BIOL 204C</td>
<td>Honors Molecules to Cells (Gen Bio)</td>
</tr>
<tr>
<td>BIOL 2021</td>
<td>Molecules to Cells Lab (Gen Bio)</td>
</tr>
<tr>
<td>or BIOL 2041</td>
<td>Honors Molecules to Cells Lab (Gen Bio)</td>
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<tr>
<td>CHEM 2031</td>
<td>General Chemistry I</td>
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<tr>
<td>or CHEM 20H</td>
<td>Honors General Chemistry I</td>
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<tr>
<td>CHEM 2038</td>
<td>General Chemistry Laboratory I</td>
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<td>or CHEM 20B</td>
<td>Honors General Chemistry Laboratory I</td>
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<tr>
<td>CHEM 2061</td>
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<td>or CHEM 20H</td>
<td>Honors General Chemistry II Lecture</td>
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<td>CHEM 2068</td>
<td>General Chemistry Laboratory II</td>
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<td>or CHEM 20B</td>
<td>Honors General Chemistry Laboratory II</td>
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<td>CHEM 3411</td>
<td>Organic Chemistry I</td>
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<td>or CHEM 34H</td>
<td>Majors Organic Chemistry I</td>
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<td>CHEM 3418</td>
<td>Organic Chemistry Lab I</td>
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<td>or CHEM 34H</td>
<td>Majors Organic Chemistry Laboratory I</td>
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<td>CHEM 3421</td>
<td>Organic Chemistry II</td>
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<td>or CHEM 34H</td>
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<td>CHEM 3428</td>
<td>Organic Chemistry Lab II</td>
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<td>or CHEM 34H</td>
<td>Majors Organic Chemistry Laboratory II</td>
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<tr>
<td>MATH 1401</td>
<td>Calculus I</td>
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<tr>
<td>PHYS 2010</td>
<td>College Physics I</td>
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<tr>
<td>or PHYS 231</td>
<td>General Physics I: Calculus-Based</td>
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<tr>
<td>PHYS 2020</td>
<td>College Physics II</td>
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<tr>
<td>or PHYS 233</td>
<td>General Physics II: Calculus-Based</td>
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<tr>
<td>PHYS 2321</td>
<td>Intro Experimental Phys Lab I</td>
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<tr>
<td>PHYS 2341</td>
<td>Intro Experimental Phys Lab II</td>
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Complete three credits (1 course) of PBHL electives. 3

Complete three additional PBHL elective credits, or choose one of the following pre-approved electives from another department, or another course that has been approved by the undergraduate program director/advisor in advance: 3

- ANTH 4010 Medical Anthropology, Global Health
- ANTH 4080 Global Health Practice
- ANTH/PBHL 4090 Psychedelic Anthropology
- ANTH 4290 Anthropology and Public Health
- ANTH 4600 Medical Anthropology
- COMM 4500 Health Communication
- COMM 4525 Health Communication and Community
- COMM 4550 Rhetorics of Medicine & Health
- COMM 4575 Designing Health Messages
- COMM 4620 Health Risk Communication
- ECON 4660 Health Economics
- ENVS 1342 Environment, Society and Sustainability
- ETST 3002 Ethnicity, Health and Social Justice
- GEOG 3501 Geography of Health
- GEOG 4230 Hazard Mitigation and Vulnerability Assessment
- GEOG 4235 GIS Applications in the Health Sciences
- HEHM 3100 Introduction to Health Humanities
- HEHM 3570 Death & Dying: Social & Medical Perspectives
- HIST 4345 Gender, Science, and Medicine: 1600 to the Present
- PHIL 4242 Medicine, Health Care, and Justice: Bioethics
- PSCI 4215 Women's Rights, Human Rights: Global Perspectives
- PSCI 4330 U.S. Health Policy
- PSYC 3262 Health Psychology
- PSYC 3265 Drugs, Brain and Behavior
- PSYC 3305 Abnormal Psychology
- PSYC 3822 Aging, Brain and Behavior
- SOCY 3440 Medical Sociology
- SOCY 3570 Death & Dying: Social & Medical Perspectives
- SOCY 4110 Sociology of Health Care
- SOCY 4220 Population Change and Analysis
- SOCY 4290 Aging, Society and Social Policy

To learn more about the Student Learning Outcomes for this program, please visit our website (https://clas.ucdenver.edu/hbsc/degree-programs/bachelor-arts-or-science-public-health/).

To review the Degree Map for this program, please visit our website (https://www.ucdenver.edu/student/advising/undergraduate/degree-maps/clas/).