PROGRAM OVERVIEW

Public health is working to protect the environment, identifying sources of illness in population groups, controlling disease outbreaks, evaluating the economic impacts of changing demographics, developing interventions to promote healthy behavior, and producing health policy legislation. Public health draws from a broad array of disciplines, such as the social and behavioral sciences, medicine, nursing, pharmacy, physical therapy, business, economics, statistics, epidemiology, law and biology, and each provide unique insights for the diverse set of activities involved in public health practice.

Two options are available for the undergraduate major in Public Health: Bachelor of Arts (BA) or Bachelor of Science (BS). Students in the BS program develop a specialty in the natural sciences and public health. After completion of the program students will have a broad background that will serve as the foundation for a variety of career paths, such as immediate entry into public health positions, background training for a professional school such as law school, or the pursuit of an advanced degree such as a master’s or PhD in the social sciences.

ACADEMIC ADVISING

The College of Liberal Arts and Sciences (CLAS) supports students to graduation using a dual-advising system. CLAS students have two academic advisors with whom they should meet regularly to discuss academic and degree progress: a CLAS Academic Advisor and a major/faculty advisor.

For questions related to CU Denver Core Curriculum, CLAS, general graduation requirements, university/college academic policies, or campus resources contact:

CLAS Academic Advising
clas_advising@ucdenver.edu
Find your CLAS Advisor here
North Classroom (NC) Building 1030
303-315-7100

For questions related to major requirements, major course prerequisites, or evaluation of transfer coursework in your major contact:

Rachel Norton or Melanie Tran
rachel.norton@ucdenver.edu or melanie.k.tran@ucdenver.edu
Visit the department website here
North Classroom (NC) 3029
303-315-7151

GENERAL GRADUATION REQUIREMENTS & POLICIES

All CU Denver CLAS students are required to complete the following minimum general graduation requirements to be eligible to apply for graduation:

1. Complete a minimum of 120 semester hours passed
2. Achieve a minimum 2.0 CU cumulative grade point average (GPA)
3. Complete a minimum of 45 upper-division (3000- to 4000-level) semester hours
4. Complete all college and major requirements
5. Residency: complete a minimum of 30 CLAS hours at CU Denver

Credits exceeding the following maximum hour restrictions will not be applied toward the minimum 120 hours required for graduation:

- 56 semester hours in major department/prefix courses
- 16 semester hours Pass/Fail
- 12 semester hours of Independent Study
- 9 semester hours of internship credit
- 8 semester hours of physical education credit

CAREER RESOURCES

The Public Health B.S. degree prepares students for diverse fields including law and medicine, as well as a spectrum of entry-level positions in business, public service and more. Public Health students develop skills to understand health as the outcome of processes that occur on many levels, ranging from the social and cultural to the cellular and intracellular, use multiple disciplines and research techniques to identify and explain the social, behavioral, and biological determinants of health, wellness, and disease in human communities, apply the core principles of health promotion/disease prevention to tackle specific health problems in the community, understand the basic elements of the health policy process, and explain health disparities across socioeconomic classes and among racial and ethnic groups using an interdisciplinary perspective. Related occupations for Public Health graduates include:

- Biostatistician
- Epidemiologist
- Nutritionist
- Biomedical Lab Technician
- Health Educator
- Physical Therapist
- Director of Health Programs
- Health Services Administrator
- Public Health Practitioner
- Environmental Health Analyst
- Nurse
- Research Scientist

Some careers and occupations require additional training or education. Interested in learning more about career and occupational options for this major? Visit the CU Denver Career Center located in the Tivoli Student Union (TV) Suite 267 to speak with a career counselor. The Career Center also provides Career Briefs, overviews of careers related to specific CU Denver majors, which include related links and resources to the particular field and show potential jobs related to the major. Access Career Briefs here.

PROGRAM REQUIREMENTS & POLICIES

Students are responsible for meeting with the major/faculty advisor in the department to confirm major requirements. Students completing the Public Health B.S. Degree are required to complete the following minimum program requirements:
1. Complete a minimum of 73 semester hours of required coursework with a grade of C (2.0) or better in each course.
2. Public Health B.A. students are required to complete a minimum of 44 hours of the degree requirements at CU Denver, including the core courses for the major (PBHL2020, 3001, 3030, 3070, 4040, and 4099).

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Courses</strong></td>
<td>23</td>
<td><em>Course prerequisites change regularly. Students are responsible for consulting advisors and the class schedule in the student portal for prerequisite information.</em></td>
</tr>
<tr>
<td>PBHL 2001 Introduction to Public Health</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PBHL 2020 Introduction to Environmental Health</td>
<td>3</td>
<td>Prerequisite: PBHL2000 or 2001</td>
</tr>
<tr>
<td>PBHL 3001 Introduction to Epidemiology</td>
<td>4</td>
<td>Prerequisite: MATH1110 with C or higher recommended</td>
</tr>
<tr>
<td>PBHL 3030 Health Policy</td>
<td>3</td>
<td>Prerequisite: PBHL2000 or 2001 with C or higher</td>
</tr>
<tr>
<td>PBHL 3070 Perspectives in Global Health</td>
<td>3</td>
<td>Prerequisite: PBHL2000 or 2001 with C or higher</td>
</tr>
<tr>
<td>PBHL 4040 Social Determinants of Health</td>
<td>3</td>
<td>Prerequisite: PBHL2000 or 2001 with C or higher</td>
</tr>
<tr>
<td>PBHL 4099 Capstone Experience in Public Health</td>
<td>3</td>
<td>Prerequisite: PBHL 2000 or 2001, 2020, 3001, 3030 and 3070. Corequisite: PBHL 4040</td>
</tr>
<tr>
<td><strong>Complete One of the following Quantitative Methods Courses:</strong></td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>ANTH 4050 Quantitative Methods in Anthropology or MATH 2830 Introductory Statistics or PSYC 2090 Statistics and Research Methods or SOCY 3121 Statistics or BIOL 3763 Biostatistics</td>
<td>3-4</td>
<td>Check individual courses for prerequisites</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>6</td>
<td></td>
</tr>
<tr>
<td><strong>Complete All of the following Ancillary Courses</strong></td>
<td>41</td>
<td></td>
</tr>
<tr>
<td>MATH 1401 Calculus I</td>
<td>4</td>
<td>Prerequisite: Placement</td>
</tr>
<tr>
<td>BIOL 2051 and 2071: General Biology I and Laboratory and BIOL 2061 and 2081: General Biology II and Laboratory</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>CHEM 2031 and 2038: General Chemistry I and Laboratory and CHEM 2061 and 2068: General Chemistry II and Laboratory</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>CHEM 3411 and 3418: Organic Chemistry I and Laboratory and CHEM 3421 and 3428: Organic Chemistry II and Laboratory</td>
<td>10</td>
<td>Prerequisite: CHEM2061 or 2091 and CHEM2068 or 2098</td>
</tr>
<tr>
<td><strong>Total Program Hours:</strong></td>
<td>73</td>
<td></td>
</tr>
</tbody>
</table>

**SAMPLE ACADEMIC PLAN OF STUDY**

The following academic plan is a sample pathway to completing degree requirements for this major. Students should tailor this plan based on previously completed college coursework (e.g., AP, IB, CLEP, dual/concurrent enrollment, and transfer credit) and individual preferences related to course load, schedules, or add-on programs such as minors or double-majors.

### Milestones

#### Year One

- **Fall**
  - ENGL1020 – Core Composition I
  - CU Core Behavioral Science
  - CHEM2031 and CHEM2038
  - PHYS2010 and PHYS2030

- **Spring**
  - ENGL2030 – Core Composition II
  - CU Core Humanities
  - CHEM2061 and CHEM2068
  - PHYS2020 and PHYS2040

#### Year Two

- **Fall**
  - CHEM3411 and CHEM3418
  - BIOL2051 and BIOL2071
  - PBHL2001
  - MATH1401

- **Spring**
  - CHEM3421 and CHEM3428
  - BIOL2061 and BIOL2081
  - PBHL2020
  - CLAS Communicative Skills – UD

#### Year Three

- **Fall**
  - CU Core Arts
  - PBHL3001
  - CLAS Foreign Language Semester I
  - CU Core Cultural Diversity

- **Spring**
  - PBHL3030
  - CU Core International Perspectives
  - CLAS Foreign Language Semester II
  - Quantitative Methods Course

#### Year Four

- **Fall**
  - PBHL3070
  - PBHL4040
  - General Elective
  - CLAS Behavioral Science – UD
  - Approved UD PBHL Elective

- **Spring**
  - PBHL4099
  - Approved PBHL Elective
  - CLAS Humanities – UD
  - Upper-Division General Elective
  - Upper-Division General Elective

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* Major Course Available  ** Prerequisite Enforced  *** Prerequisite Recommended