

## PROGRAM OVERVIEW

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 B.S. program develop a specialty in the natural sciences and public health. Graduates with a B.S. 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.

## ACADEMIC ADVISING

The College of Liberal Arts and Sciences (CLAS) supports students to graduation using a shared 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 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](mailto:clas_advising@ucdenver.edu)

Visit the CLAS Advising website [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:*

### Public Health Major Advising

[CLAS Major Advisor Contact Information](#)

Visit the department website [here](#)

North Classroom (NC) 3018

303-315-7157

## 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 credit hours
2. Achieve a minimum 2.0 CU cumulative grade point average (GPA)
3. Complete a minimum of 45 upper-division (3000- to 4000-level) credit hours
4. Complete all CU Denver Core, CLAS, and major requirements
5. Complete a minimum of 30 CLAS credit hours with letter grades at CU Denver

*The following are **maximum** credit hours that can apply toward the minimum 120 credit hours required for graduation::*

- 16 credit hours Pass/Fail
- 12 credit hours of Independent Study/Directed Research
- 12 credit hours of internship credit
- 8 credit hours of physical education credit

## PROGRAM REQUIREMENTS & POLICIES

**Students are responsible for meeting with the major advisor to confirm major requirements.** In addition to completing all CU Denver Core and CLAS requirements, students completing the Public Health B.S. Degree are required to complete the following minimum 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 3070 Perspectives in Global Health, PBHL 4040 Social Determinants of Health or PBHL 4099 Capstone Experience in Public Health.
5. 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.

## LYNXCONNECT RESOURCES

Are you interested in learning about internship, study abroad, career, and research opportunities for this major? Visit the CU Denver LynxConnect, located in Tivoli Student Union (TV) Suite 339, and browse the LynxConnect [website](#) for more information.

Degree Requirements	Credits	Notes
<b>* Course prerequisites change regularly. Students are responsible for consulting advisors and the class schedule in the student portal for prerequisite information. *</b>		
<b>CU Denver Core Curriculum Requirements</b>	<b>34 - 40</b>	<a href="#">CU Denver Core Curriculum Requirements</a>
<b>CLAS Graduation Requirements</b>	<b>15 - 29</b>	<a href="#">CLAS Graduation Requirements</a>
<b>PBHL Major Requirements</b>	<b>73</b>	16 credit hours must be upper-division
<b>PBHL Required Courses</b>		
PBHL 2001 Introduction to Public Health	4	Course can fulfill CU Denver Core Social Science
PBHL 3020 Introduction to Environmental Health	3	*Prerequisite: C- or higher in PBHL 2000 or 2001
PBHL 3001 Introduction to Epidemiology	4	*Prerequisite: C or higher in MATH 1110 is recommended
PBHL 3030 Health Policy	3	*Prerequisite: C- or higher in PBHL 2000 or 2001
PBHL 3070 Perspectives in Global Health	3	*Prerequisite: C- or higher in PBHL 2000 or 2001
PBHL 4040 Social Determinants of Health	3	*Prerequisite: C- or higher in PBHL 2000 or 2001
PBHL 4099 Capstone Experience in Public Health	3	*Prerequisite: PBHL 2000 or 2001 and all or all but one of PBHL 2020 or 3020, PBHL 3001, PBHL 3030, PBHL 3070, PBHL 4040 with a C- or better. Students must enroll in remaining course concurrently with PBHL 4099..
<b>Complete one of the following Quantitative Methods courses:</b>		
ANTH 4050 Quantitative Methods in Anthropology <b>or</b> BIOL 3763 Biostatistics <b>or</b> MATH 2830 Introductory Statistics <b>or</b> MATH 4830 Applied Statistics <b>or</b> PSYC 2090 Statistics and Research Methods	3 - 4	*Check individual courses for prerequisites
<b>PBHL Electives</b>	6	*Complete one three-credit PBHL elective course *Complete three additional PBHL elective credits, or choose one pre-approved elective from another department; see major advisor for list
<b>Complete the following Biological and Physical Sciences requirements:</b>		
MATH1401 Calculus I	4	*Prerequisite: C- or higher in MATH 1109, 1070, or 1110 and MATH 1120; or C- or higher in MATH 1130; or C- or higher in MATH 1401; or entry into the MA01 Student Group OR ALEKS PPL score 76-100. Course can fulfill CU Denver Core Mathematics
BIOL 2010 & 2011 Organisms to Ecosystems (Gen Bio) with lab <b>or</b> BIOL 2030 & 2031 Honors Organisms to Ecosystems (Gen Bio) with lab	4	*Prerequisite: High School chemistry or CHEM 1000 recommended Courses can fulfill CU Denver Core Natural/Physical Science with lab
BIOL 2020 & 2021 Molecules to Cells (Gen Bio) with lab <b>or</b> BIOL 2040 & 2041 Honors Molecules with Cells (Gen Bio) with lab	4	*Prerequisite: C- or higher in BIOL 2010 & 2011 or 2030 & 2031 Courses can fulfill CU Denver Core Natural/Physical Science with lab
CHEM 2031 & 2038: General Chemistry I and Laboratory <b>or</b> CHEM 2081 & 2088: Honors General Chemistry I and Laboratory	4	*Prerequisite: MATH 1110 and High School chemistry or CHEM 1000 recommended
CHEM 2061 & 2068: General Chemistry II and Laboratory <b>or</b> CHEM 2091 & 2098: Honors General Chemistry II and Laboratory	5	*Prerequisite: C- or higher in CHEM 2031 or 2081 and 2038 or 2088
CHEM 3411 & 3418: Organic Chemistry I and Laboratory <b>or</b> CHEM 3481 & 3488: Majors Organic Chemistry I and Laboratory	5	*Prerequisite: C- or higher in CHEM 2061 or 2091 and 2068 or 2098
CHEM 3421 & 3428: Organic Chemistry II and Laboratory <b>or</b> CHEM 3491 & 3498: Majors Organic Chemistry II and Laboratory	5	*Prerequisite: C- or higher in CHEM 3411 or 3481
PHYS 2010 & 2321 College Physics I & Intro Experimental Phys Lab I <b>and</b> PHYS 2020 & 2341 College Physics II & Intro Experimental Phys Lab II <b>or</b> PHYS 2311 & 2321 General Physics I & Intro Experimental Phys Lab I <b>and</b> PHYS 2331 & 2341 General Physics II & Intro Experimental Phys Lab II	10	*Prerequisite: C- or higher in PHYS 2010 or 2311 (for 2020) *Prerequisite: MATH 1401 for PHYS 2311 *Prerequisite: C- or higher in PHYS 2311 and MATH 2411 (for 2331) *Prerequisite: C- or higher in PHYS 2030, 2321, or 2351 with (for 2341)
<b>Estimated General Electives</b>	<b>0</b>	General Elective credits will vary based on Core & CLAS Requirements. Consult with CLAS Advisor.
<b>Total Minimum Credit Hours:</b>	<b>120</b>	45 credit hours must be upper-division



### 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.

Year One	<b>Fall</b>	CRS	<b>Spring</b>	CRS
	ENGL 1020 – Core Composition I	3	ENGL 2030 – Core Composition II	3
	CU Denver Core Behavioral Science / First-Year Seminar	3	CU Denver Core Humanities	3
	CHEM 2031 and CHEM 2038 <sup>C</sup>	4	CHEM 2061 and CHEM 2068 <sup>PE C</sup>	5
	PHYS 2010 and PHYS 2321 <sup>C</sup>	5	PHYS 2020 and PHYS 2341 <sup>C</sup>	5
	<b>Total Credit Hours</b>	<b>15</b>	<b>Total Credit Hours</b>	<b>16</b>
Year Two	<b>Fall</b>	CRS	<b>Spring</b>	CRS
	PBHL 2001	4	PBHL 3020 <sup>PE</sup>	3
	CHEM 3411 <sup>PE</sup> and CHEM 3418 <sup>PE</sup>	5	CHEM 3421 <sup>PE</sup> and CHEM 3428 <sup>PE</sup>	5
	BIOL 2010 and BIOL 2011 <sup>C</sup>	4	BIOL 2020 and BIOL 2021 <sup>C</sup>	4
	MATH 1401 <sup>PE C</sup>	4	CLAS Communicative Skills	3
	<b>Total Credit Hours</b>	<b>17</b>	<b>Total Credit Hours</b>	<b>15</b>
Year Three	<b>Fall</b>	CRS	<b>Spring</b>	CRS
	PBHL 3001 <sup>PR</sup>	4	PBHL 3030 <sup>PE</sup>	3
	CU Denver Core Arts	3	CU Denver Core International Perspectives <sup>M</sup>	3
	CLAS Second Language Semester I	5	CLAS Second Language Semester II	5
	CU Denver Core Cultural Diversity	3	Quantitative Methods Course	3-4
	<b>Total Credit Hours</b>	<b>15</b>	<b>Total Credit Hours</b>	<b>14-15</b>
Year Four	<b>Fall</b>	CRS	<b>Spring</b>	CRS
	PBHL 3070 <sup>PE</sup>	3	PBHL 4099 <sup>PE</sup>	3
	PBHL 4040 <sup>PE</sup>	3	PBHL Upper-Division Elective	3
	PBHL Upper-Division Elective	3	CLAS Humanities	3
	CLAS Behavioral Science	3	Upper-Division General Elective	3
	Upper-Division General Elective	3	Upper-Division General Elective	3
	<b>Total Credit Hours</b>	<b>15</b>	<b>Total Credit Hours</b>	<b>15</b>

<sup>M</sup> Major Course Available    <sup>C</sup> CU Denver Core Course    <sup>PE</sup> Prerequisite Enforced    <sup>PR</sup> Prerequisite Recommended