

Health Science:

Public Health Education

Bachelor of Science (BS)

This degree map is based on the current Academic Catalog and is subject to change. Please note that the degree map is designed to give you a sense of roughly how courses might be distributed over a 4-year degree. Your exact schedule will differ depending on a range of factors though we recommend taking a minimum of 15 credits each fall and spring semester. Regular consultation with your academic advisor is the best way to make sure that you are taking the courses you need in the right order to ensure efficient progress through your degree program.

Sample 4-Year Plan

First Year

Fall Courses	Credits	Spring Courses	Credits
EXER161 Introduction to Health & Exercise Science	3	HLSC140 Introduction to Public Health	3
HLSC122 OR BIOL101 OR HLSC115/BIOL180 (4)	3	STAT141 Statistics	3
HLSC105 Personal Health and Decision-making	3	PSYC100 Introduction to Psychology	3
General Education	3	HLSC204 Principles of Health Education & Promotion	3
First Year Student Seminar	3	General Education: BIOL 105 (3) or BIOL110 (4)	3
Semester Total	15	Semester Total	15

Second Year

Fall Courses	Credits	Spring Courses	Credits
HLSC211 Public Health, Social Justice, & Advocacy	3	HLSC212 Introduction to Global Health Promotion	3
General Education	3	General Education	3
General Education	3	Elective or Major Elective	3
Elective or Major Elective	3	Elective or Major Elective	3
Elective or Major Elective	3	Elective or Major Elective	3
Semester Total	15	Semester Total	15

Third Year

Fall Courses	Credits	Spring Courses	Credits
HLSC340 Epidemiology	3	HLSC430 Planning & Evaluating Health Education and Promotion Programs	4
HLSC336 Health Literacy and Patient Education	3	HLSC307 Cultural Aspects of Health	3
General Education	6	General Education	6
Elective or Major Elective	3	Elective or Major Elective	3
Elective or Major Elective	3		
Semester Total	15	Semester Total	16

Fourth Year

Fall Courses	Credits	Spring Courses	Credits
EXER380 Research Methods or NUTR420 Nutrition Research Seminar or HLSC3xx Evidence-based Medicine	3	HLSC498 Professional Field Experience	3
General Education	3	General Education	3
Elective or Major Elective	9	Elective or Major Elective	8
Semester Total	15	Semester Total	14

Winter/Summer College - Optional

While not required, Winter and Summer sessions are offered each year and may help you stay on track or get ahead. You may take up to seven (7) credits during Winter College and up to 14 credits during Summer College.

Curriculum Checklist

Directed General Education (9 credits)

- ___ STAT141 Statistics (3)
- ___ PSYC100 Intro to Psychology (3)
- ___ BIOL110 Principles of Biology I (4) or BIOL105 Basic Biology (3)

Major Area & Cognate Courses (58 credits)

A. Health Science (6 Credits)

- ___ EXER161 Intro to Health & Exercise Science (3)
- ___ HLTH122 Essentials of A & P (3) OR BIOL101 Human Biology (3) OR HLSC115/BIOL180 A & P 1 (4)*

B. Public Health (52 credits)

Required (34 Credits)

- ___ HLSC105 Intro to Personal Health & Decision Making (3)
- ___ HLSC140 Intro to Public Health (3)
- ___ HLSC204 Principles of Health Education and Promotion (3)
- ___ HLSC211 Public Health, Social Justice, & Advocacy (3)
- ___ HLSC212 Global Health Promotion (3)
- ___ HLSC307 Cultural Aspects of Health (3)
- ___ HLSC336 Patient Education & Health Literacy (3)
- ___ HLSC340 Epidemiology (3)
- ___ HLSC430 Planning & Evaluating Health Promotion Programs (4)
- ___ HLSC498 Professional Field Experience in Health Science (3)
- ___ EXER380 Research Methods in Health Sciences OR NUTR420 Nutrition Research Seminar (3)
- ___ HLSC3xx Evidence-based medicine

Major Electives (18 credits)

Select from the following courses

- ___ ANTH350 Medical Anthropology (3)
- ___ ANTH423 Environmental Sustainability & Humanity (3)
- ___ BIOL111 Biology 2 (3)
- ___ BIOL200 Cancer Awareness (3)
- ___ BIOL301 Ecology (3)
- ___ BIOL420 Global Change Biology (3)
- ___ CHEM105 How Drugs Work (3)
- ___ COMM315 Health Communication (3)
- ___ ECON150 Introduction to Health Economics (3)
- ___ EGGS160 Digital Earth (3)
- ___ EGGS242 Mapping and GIS Fundamentals (3)
- ___ EGGS360 Principles of GIS 1 (3)
- ___ ENGL373 Writing for the Web (3)
- ___ EXER351 Biomechanics (3)
- ___ EXER378 Exercise Physiology (3)
- ___ HLSC108/BIOL108 Medical Terminology (3)
- ___ HLSC120/BIOL181 Anatomy & Physiology 2 (4)
- ___ HLSC200 Intro to Disease (3)
- ___ HLSC208 Stress Management & Life Skills for Health Promotion (3)
- ___ HLSC218 Public Health & the Environment (3)
- ___ HLSC320 Drug Education (3)
- ___ HLSC332 Psychological Considerations of Injury and Illness for Healthcare Providers (3)
- ___ HLSC335 Community Health Level Methods & Strategies (3)
- ___ HLSC401 Current Health Issues (3)
- ___ HLSC415 Pharmacology (3)
- ___ HLSC465 Rural Health Issues (3)
- ___ HLSC470 Sex Education for Health Sciences (3)
- ___ HLSC490 Special Topics (3)
- ___ HLSC493 Independent Study (3)
- ___ HLSC498 Professional Field Experience in Health Science (3 - 6)
- ___ HLSC493 Independent Study (3)
- ___ HONR214 Social Determinants of Health (3)
- ___ MNGT234 Grant Writing and Partnership Building (3)
- ___ NUTR200 Intro to Nutrition (3)
- ___ NUTR300 Cultural Nutrition (3)
- ___ NUTR320 Community Nutrition (3)
- ___ NUTR325 Nutrition Counseling and Education (3)
- ___ PHIL205 Medical Ethics (3)
- ___ POLI266 Politics of Global Health (3)
- ___ POLI330 Intro to Public Administration (3)
- ___ POLI431 Public Policy (3)
- ___ PSYC150 Applied Psychological Statistics (3)
- ___ PSYC218 Psychology of Gerontology (3)
- ___ PSYC350 Research Lab in Psychology (3)
- ___ PSYC355 Health Psychology (3)
- ___ PSYC376 Behavior Modification (3)
- ___ SFMG210 Hazardous Materials (3)
- ___ SOCI301 Social Stratification (3)
- ___ SOCI401 Population Studies (3)
- ___ SOCI405 Medical Sociology (3)
- ___ SOWK310 Human Behavioral Social Environments I (3)
- ___ SOWK320 Human Behavioral Social Environments II (3)
- ___ STAT446 Biostatistics (3)

General Education Requirements

(45 credits)

Note: Some requirements may be fulfilled by coursework in your major program including directed Gen Ed courses noted below

- Foundations (15 credits)
 - STAT141 Statistics
- Interconnections (9 credits)
- Citizenship & Responsibility (6 credits from at least two goals)
- Natural World & Technologies (9 credits)
 - PSYC100 Intro to Psychology
 - BIOL105 Basic Biology (3) or BIOL110 Principles of Biology 1 (4)
- Creativity & Expression (6 credits)

Degree Requirements

All students must obtain a minimum of 120 credits, complete all General Education requirements, and all requirements for the selected major. Meet with your advisor and consult Degree Works to monitor your progress and for all graduation requirements.

A minimum GPA of 2.0 in the major and overall are required.

Student must complete at least 42 advanced-level credits.

#Students must earn a C or better in each of the required Public Health Classes.

**Students may take HLTH122 Essentials of A & P (3) OR BIOL101 Human Biology (3) OR HLSC115 A & P 1 (4). Students choosing to take HLSC115/BIOL180 A & P 1 should complete the sequence and complete HLSC120/BOL181 A& P 2 as a major elective.*

Note: Students should consult with their advisor regarding major elective selections.