

Public Health, Public Health (BSPublichealth)

Program website

The Bachelor of Science in Public Health prepares graduates for entry-level positions in public health and equips them to pursue certificate and graduate degrees in the field. All of the options offer broad-based training in the five core areas of public health.

Students for whom the degree is appropriate include those interested in health careers and in dual graduate degree programs in medicine and public health. The degree is administered by the School of Human Ecology.

Public health students who plan to follow the advanced option must apply for admission. Admission requirements for the advanced option are given in the public health advanced option. Students who plan to follow the public health honors option must be admitted to the [Dean's Scholars](#), [Health Science Scholars](#), or [Polymathic Scholars Honors Program](#).

Total Hours Required: 120

Plan of Study

The Plan of Study is a suggested four-year course sequence to support academic planning and serves as a helpful guide. Currently enrolled students should meet with their academic advisor to tailor their course selections and timelines to their individual goals and circumstances.

Course	Title	Hours
Year 1		
Semester 1		
BIO 311C	Introductory Biology I	3
CH 301 or CH 301C	Principles of Chemistry I or Foundations of Chemistry I	3
M 408C or M 408K or M 408N or M 408R	Differential and Integral Calculus or Differential Calculus or Differential Calculus for Science or Differential and Integral Calculus for the Sciences	4
CH 104M	Introduction to Chemical Practice I	1
<u>First-Year Signature Course (090)</u>		3
Hours		14
Semester 2		
BIO 311D	Introductory Biology II	3
CH 302	Principles of Chemistry II	3
CH 104N	Introduction to Chemical Practice II	1
PBH 317	Introduction to Public Health	3
RHE 306	Rhetoric and Writing	3
Hours		13
Year 2		
Semester 1		
SDS 320E	Elements of Statistics	3
BIO 325 or BIO 325H	Genetics or Genetics: Honors	3
CH 320M	Organic Chemistry I	3
<u>American and Texas Government (070)</u>		3
NTR 312 or NTR 306	Introduction to Nutritional Sciences or Fundamentals of Nutrition	3
Hours		15
Semester 2		
BCH 369	Fundamentals of Biochemistry	3
<u>Humanities (040)</u>		3

<u>Foreign Language and Culture</u>		3
<u>American and Texas Government (070)</u>		3
ECO 304K or ECO 304L or PSY 301 or SOC 319 or SOC 354K	Introduction to Microeconomics or Introduction to Macroeconomics or Introduction to Psychology or Introduction to Social Demography or Sociology of Health and Illness	3
Hours		15
Year 3		
Semester 1		
PBH 354	Epidemiology I	3
<u>Foreign Language and Culture</u>		6
MAN 320F or GOV 358	Foundations of Management and Organizational Behavior or Introduction to Public Policy	3
<u>Visual and Performing Arts (050)</u>		3
<u>U.S. History (060)</u>		3
Hours		18
Semester 2		
PBH 358D	Health Policy and Health Systems	3
PBH 356	Health Behavior Theory and Practice	3
Free Elective		3
Hours chosen from: PBH		3
<u>U.S. History (060)</u>		3
Hours		15
Year 4		
Semester 1		
PBH 334	Global Health	3
PBH 338	Environmental Health	3
MBS 326M or MBS 326R	Introductory Medical Microbiology and Immunology or General Microbiology	3
MBS 226L	General Microbiology Laboratory	2
Free Elective		3
PBH 137	Selected Topics in Public Health (Topic 1: Senior Seminar in Public Health)	1
Hours		15
Semester 2		
INB 365S	Human Systems Physiology	3
Hours chosen from: PBH		3
PBH 363	Project Management, Planning, and Evaluation	3
<u>Social and Behavioral Sciences (080)</u>		3
Free Elective		3
Hours		15
Total Hours		120

Requirements

All requirements are listed below, starting with the most specialized moving to the most general. Additional requirements may follow the table, so be sure to read the entire page. Some required courses listed below may also satisfy [General Education](#) requirements, including [Core Curriculum](#).

Code	Title	Hours
Concentration		
<u>Math and Science</u>		
M 408C or M 408N or M 408R	Differential and Integral Calculus Differential Calculus for Science Differential and Integral Calculus for the Sciences	4
Hours chosen from:		9
BIO X11C & BIO X11D & BIO X25	Introductory Biology I and Introductory Biology II and Genetics	
BIO X15H & BIO X25H	Advanced Introduction to Genetics: Honors and Genetics: Honors	

CH 301	Principles of Chemistry I	3
or CH 301C	Foundations of Chemistry I	
CH 302	Principles of Chemistry II	3
or CH 302C	Foundations of Chemistry II	
CH 104M	Introduction to Chemical Practice I	1
CH 104N	Introduction to Chemical Practice II	1
CH 320M	Organic Chemistry I	3
BCH 369	Fundamentals of Biochemistry	3
<i>Advanced Coursework (with a grade of at least C-; may not be used for other requirements)</i>		
PBH 363	Project Management, Planning, and Evaluation	3
Hours chosen from:		6
PBH 341R	Public Health Research	
PBH 361P	Public Health Internship	
PBH 362	Epidemiology II: Quantitative Methods	
PBH 364	Field Epidemiology	
PBH 365	Public Health Informatics	
PBH 366	Global Health in Action	
<i>Foreign Language/Culture Choices</i>		6
Select one of the following:		
<u>Foreign Language other than English, Beginning Proficiency</u>		
First course in a foreign language and a three-semester-hour course in the culture of the same language area		
Two three-semester-hour courses in one foreign culture area; the courses must be chosen from an approved list available in the dean's office and the college advising centers		
<i>Subtotal</i>		42
Degree (see details below)		39
<i>Subtotal</i>		39
Free electives: Additional coursework to reach total hours required.		9
General Education		
<u>Core Curriculum</u>		30
<u>Foreign Language other than English, Beginning Proficiency</u>		
<i>Subtotal</i>		39
<u>College Requirements - Natural Sciences</u>		
<u>General University Requirements</u>		
Total Hours		120

Degree-Bachelor of Science in Public Health (BSPublichealth)

Code	Title	Hours
<i>Foundation coursework, with a grade of at least C-:</i>		
PBH 317	Introduction to Public Health	3
MBS 326M	Introductory Medical Microbiology and Immunology	3
or MBS 326R	General Microbiology	
NTR 312	Introduction to Nutritional Sciences	3
or NTR 312H	Introduction to Nutritional Sciences: Honors	
or NTR 306	Fundamentals of Nutrition	
INB 365S	Human Systems Physiology	3
Hours chosen from:		3
ECO 304K	Introduction to Microeconomics	
ECO 304L	Introduction to Macroeconomics	
PSY 301	Introduction to Psychology	
SOC 319	Introduction to Social Demography	

SOC 354K	Sociology of Health and Illness	
GOV 358	Introduction to Public Policy	3
or MAN 320F	Foundations of Management and Organizational Behavior	
<i>Public Health, with a grade of at least C-:</i>		
SDS 320E	Elements of Statistics	3
PBH 338	Environmental Health	3
PBH 354	Epidemiology I	3
PBH 334	Global Health	3
PBH 358D	Health Policy and Health Systems	3
PBH 356	Health Behavior Theory and Practice	3
<i>A cumulative, integrative, and scholarly or applied experience or inquiry project that serves as a capstone to the educational experience approved by the public health faculty</i>		3
Hours chosen from:		
PBH 341R	Public Health Research	
or PBH 379H	Honors Tutorial Course	
PBH X79H	Honors Tutorial Course	
& H E X78H	and Honors Tutorial Course	
PBH 366	Global Health in Action	
PBH 137.1	Senior Seminar in Public Health	
Total Hours		39

Additional Requirements and Policy

At least 21 semester hours of upper-division coursework must be completed in residence at the University. All students must complete at least 36 semester hours of upper-division coursework. They must also earn a major and degree coursework grade point average of at least 2.00