

Public Health, Honors (BSPublichealth)

Program Website

Honors program

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 honors students must be admitted to the Dean's Scholars, Health Science Scholars, or Polymathic Scholars Honors Program.

Total Hours Required: 126

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 315H	Advanced Introduction to Genetics: Honors	3
CH 301C	Foundations of Chemistry I	3
M 408D	Sequences, Series, and Multivariable Calculus	4
American and Texas Government (070)		3
First-Year Signature Course (090)		3
Hours		16
Semester 2		
BIO 325H	Genetics: Honors	3
CH 302C	Foundations of Chemistry II	3
CH 204	Introduction to Chemical Practice	2
American and Texas Government (070)		3
RHE 306	Rhetoric and Writing	3
Hours		14
Year 2		
Semester 1		
PBH 317	Introduction to Public Health	3
Visual and Performing Arts (050)		3
CH 320M	Organic Chemistry I	3
Liberal Arts/Fine Arts course		3
Free Elective		3
Hours		15
Semester 2		
MBS 326M or MBS 326R	Introductory Medical Microbiology and Immunology or General Microbiology	3
MBS 226L	General Microbiology Laboratory	2
Liberal Arts/Fine Arts course		3
Social and Behavioral Sciences (080)		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		14
Year 3		
Semester 1		
PBH 354	Epidemiology I	3
BCH 369	Fundamentals of Biochemistry	3
SDS 320H	Elements of Statistics: Honors	3
RHE 309S	Critical Reading and Persuasive Writing	3
U.S. History (060)		3
Hours		15
Semester 2		
PBH 358D	Health Policy and Health Systems	3
PBH 356	Health Behavior Theory and Practice	3
NTR 312 or NTR 312H	Introduction to Nutritional Sciences or Introduction to Nutritional Sciences: Honors	3
Humanities (040)		3
U.S. History (060)		3
Hours		15
Year 4		
Semester 1		
PBH 379H	Honors Tutorial Course	3
PBH 338	Environmental Health	3
PBH 334	Global Health	3
PBH 137	Selected Topics in Public Health (Topic 1: Senior Seminar in Public Health)	1
SDS 325H	Honors Statistics	3
Free Elective		3
Hours		16
Semester 2		
PBH 379H	Honors Tutorial Course	3
MAN 320F or GOV 358	Foundations of Management and Organizational Behavior or Introduction to Public Policy	3
INB 365S	Human Systems Physiology	3
PBH 363	Project Management, Planning, and Evaluation	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		
M 408C or M 408N or M 408R	Differential and Integral Calculus Differential Calculus for Science Differential and Integral Calculus for the Sciences	4
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
First-Year Signature Course (090) (approved by program honors advisor)		3
Hours chosen from:		1
NSC 109.1	Planning Your Capstone Experience (for Health Science Scholars)	

NSC 109.2	Health Science Scholars Capstone Experience Preparation (for Dean's Scholars)	
NSC 109.4	Polymathic Capstone Field Invention (for Polymathic Scholars)	
Hours chosen from:		6
PBH 379H	Honors Tutorial Course (two semesters with at least a grade of B in each)	
NSC X23 & NSC X71	Natural Sciences Topics and Capstone Thesis Seminar	
PBH X79H & H E X78H	Honors Tutorial Course and Honors Tutorial Course	
Complete a thesis and presentation based on research, approved by the research supervisor and the honors advisor		
PBH 363	Project Management, Planning, and Evaluation	3
Subtotal		25
<i>Honors breadth requirement: Credit earned by examination may not be counted.</i>		
Honors mathematics or statistics course		3
BIO 315H	Advanced Introduction to Genetics: Honors	3
BIO 325H	Genetics: Honors	3
CH 301C	Foundations of Chemistry I	3
CH 302C	Foundations of Chemistry II	3
Hours chosen from: Liberal Arts and/or Fine Arts		6
Hours chosen from: coursework approved by the departmental honors advisor		10
Subtotal		31
Degree (see details below)		39
General Education		
Free Elective		1
<u>Remaining Core Curriculum (42 hours total)</u>		30
<u>Foreign Language other than English, Beginning Proficiency</u>		
Subtotal		70
<u>College Requirements - Natural Sciences</u>		
<u>General University Requirements</u>		
Total Hours		126

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 & H E X78H	Honors Tutorial Course 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.

Public Health Departmental Honors

Most departments in the College of Natural Sciences offer departmental honors programs to their majors. The statement "Special Honors in (name of field)" appears on the transcript of each graduate certified as having completed the honors program.

Students must remain in good academic standing in the Dean's Scholars, Health Science Scholars, or Polymathic Scholars Honors Program, must submit an honors thesis, and present their research in an approved public forum, such as the college's annual Undergraduate Research Forum or CNS Honors Thesis Symposium.

Admission

Majors who plan to seek departmental honors in public health should apply to the honors advisor for admission to the honors program no later than the beginning of the senior year. Students are encouraged to apply as early as the beginning of the junior year. A minimum 3.00 university GPA and 3.50 GPA in public health are required for admission.

Requirements

1. A minimum 3.00 university GPA
2. A minimum 3.50 GPA in required major coursework for the field in which the student seeks honors
3. A minimum 60 hours of coursework taken at the University and counted toward the degree
4. All Bachelor of Science in Public Health (BSPublichealth) degree requirements
5. 2 semesters of Public Health 379H with at least a grade of B
6. A 3-hour thesis or research project, or a reasonable equivalent, with a grade of at least B-
7. A thesis and presentation based on research and approved by the research supervisor and the honors advisor