

Public Health, Advanced (BSPublichealth)

Program website

Integrated program with other institution

Related institution: UT Health Science Center at Houston, School of Public Health

This program provides students with a foundation in the natural sciences applied to public health and advanced specialist training in preparation for a leadership position in public health practice. This program leads to the completion of the Bachelor of Science in Public Health awarded by UT Austin and the Master of Public Health, awarded by the UT Health Science Center (UTHSC) at Houston's School of Public Health.

During the senior year, students complete 16 hours of graduate coursework at the UTHSC Austin campus, to earn a graduate certificate in public health. If successfully completed, the courses in the graduate certificate program are applied to the UTHSC Master of Public Health degree. The second year of the UTHSC Master of Public Health degree is completed at one of five campuses of the UTHSC School of Public Health: Austin, Brownsville, Dallas, El Paso, Houston, and San Antonio.

Prior to graduation with a Bachelor of Science in Public Health, advanced option students must transfer in nine hours of graduate coursework earned at the UTHSC School of Public Health Austin campus. Students may apply to graduate with a Bachelor of Science in Public Health prior to the completion of the UTHSC graduate certificate in public health.

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	Principles 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	Genetics	3
CH 320M	Organic Chemistry I	3

NTR 312 or NTR 306	Introduction to Nutritional Sciences or Fundamentals of Nutrition	3
<u>U.S. History (060)</u>		3
Hours		15
Semester 2		
BCH 369	Fundamentals of Biochemistry	3
<u>Foreign Language and Culture</u>		6
<u>U.S. History (060)</u>		3
ECO 304K or ECO 304L or SOC 319 or SOC 354K	Introduction to Microeconomics or Introduction to Macroeconomics or Introduction to Social Demography or Sociology of Health and Illness	3
Hours		15
Year 3		
Semester 1		
PBH 354	Epidemiology I	3
<u>Humanities (040)</u>		3
MAN 320F or GOV 358	Foundations of Management and Organizational Behavior or Introduction to Public Policy	3
Free Elective		3
<u>Social and Behavioral Sciences (080)</u>		3
Hours		15
Semester 2		
PBH 358D	Health Policy and Health Systems	3
PBH 356	Health Behavior Theory and Practice	3
MBS 326M or MBS 326R	Introductory Medical Microbiology and Immunology or General Microbiology	3
MBS 226L	General Microbiology Laboratory	2
<u>Visual and Performing Arts (050)</u>		3
Free Elective		3
Hours		17
Year 4		
Semester 1		
PBH 334	Global Health	3
PBH 338	Environmental Health	3
PBH 137	Selected Topics in Public Health (Topic 1: Senior Seminar in Public Health)	1
Graduate School Course		3
Graduate School Course		4
Hours		14
Semester 2		
INB 365S	Human Systems Physiology	3
Free Elective		3
Free Elective		4
Graduate School Course		3
Graduate School Course		4
Hours		17
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

BIO X15H and BIO X25H may also count in place of the following three BIO courses; these courses must be completed before the student progresses to other upper-division biology and upper-division public health courses.		
BIO 311C	Introductory Biology I	3
BIO 311D	Introductory Biology II	3
BIO 325	Genetics	3
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>Foreign Language/Culture Choices</i>		6
<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>Advanced Coursework (with a grade of at least C-; may not be used for other requirements)</i>		
Hours chosen from: upper-division public health coursework transferred to UT Austin from The University of Texas Health Science Center School of Public Health		9
<i>Subtotal</i>		42
Degree (see details below)		39
<i>Subtotal</i>		39
General Education		
Free electives: Additional coursework to reach total hours required.		9
<u>Remaining Core Curriculum (42 hours total)</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 379F	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.

Students admitted to the public health, advanced program are required to follow the admission schedule and policies of Master of Public Health program at the School of Public Health at The University of Texas Health Science Center (UTHSC) at Houston. Students are expected to make continuous progress toward the undergraduate and graduate degrees by completing required undergraduate and graduate public health coursework each semester of the fourth year. Students who fail to complete graduate coursework two fall/spring semesters in a row will be removed from the program and must re-enroll at The University of Texas at Austin to complete the public health, public health program. Students will be notified prior to removal from the graduate program. Students must earn the Bachelor of Science in Public Health in their fourth year to be eligible to continue in the UTHSC Master of Public Health program in their fifth year.