

Advising Course Plan - Public Health - for PreMed Track

Requirements may differ from the ones below; depending on the medical program you may be interested, so please make sure to look at various graduate program requirements for different universities.

We highly recommend you begin looking at universities' requirements during your 1st year as an undergraduate to better prepare you for graduate programs.

As minimal preparation you should complete BIOL 141P and BIOL 142P, CHEM 141P and CHEM 142P, CHEM 201 and CHEM 202 and PHYS 121P or PHYS 141P and PHYS 122P or PHYS 142P. In addition, make sure you satisfy all the public health major requirements listed in the course catalog (the plan below should allow you to do this).

First Year		
Fall		Units
BIOL 141P ⁺	Introductory Biology: Biochemistry, Cell Biology and Molecular Genetics	1
SOCI 101S or MATH 141Q ^{**}	Understanding Society: An Introduction to Sociology (or General Education Requirement) Calculus I with Analytic Geometry	1
FSEM 100	First Year Seminar	1
PUBH 140V ⁺	Introduction to Public Health (or Language 201L course)	1
Term Units		4
Spring		
BIOL 142P ⁺	Introductory Biology: Animal and Plant Physiology	1
PSYC 101S or MATH 141Q ^{**}	Introduction to Psychology (or General Education Requirement) Calculus I with Analytic Geometry	1
General Education Requirement ^{**}		1
PUBH 140V ⁺	Introduction to Public Health (or Language 202L course)	1
Term Units		4
Total Unit: 8		

MATH 141Q should be taken in Second Year Fall if it was not taken in First Year and if it is required by your school of interest.

Second Year		
Fall		Units
PUBH 284 ⁺	Foundations of Epidemiology	1
CHEM 141P ^{**}	General Chemistry I	1
PUBH Elective ⁺ or General Education Requirement		1
PUBH Elective ⁺ or General Education Requirement or General Elective course		1
Term Units		4
Spring		
PUBH 301 ⁺	Foundations of Environmental Health Science	1
CHEM 142P ^{**}	General Chemistry II	1
PUBH Elective ⁺ or General Education Requirement		1
PHIL 316V ⁺	Bio-Medical Ethics (or General Education Requirement)	1
Term Units		4
Total Unit: 8		

Junior Seminar should be taken during Third Year.

Third Year		
Fall		Units
PUBH 303 ⁺	Global Health (or Statistics+ (speak with your advisor about selecting Statistics course))	1
PHYS 121P or 141P ^{**}	College Physics I University Physics I	1
Junior Seminar		1
CHEM 301 ^{**}	Organic Chemistry II	1
Term Units		4
Spring		
PUBH 303	Global Health (or Statistics+ (speak with your advisor about selecting Statistics course))	1
PHYS 122P or 142P ^{**}	College Physics II University Physics II	1
PUBH 498 ⁺	Senior Research Proposal	1
CHEM 201 ^{**}	Organic Chemistry I	1
Term Units		4
Summer		
Take the MCAT exam in preparation for Medical school applications – by the end of summer before Fourth Year.		
Recommendation: Study for MCAT during Third Year and take it no later than July 31st.		
Term Units		0
Fourth Year		
Fall		Units
PUBH 499 ⁺	Senior Project	1
CHEM 204 ⁺	Biochemistry I (if not already taken) or PUBH Elective course ⁺	1
PUBH Elective ⁺ or General Education Requirement or General Elective		1
General Education Requirement or General Elective		1
Term Units		4
Spring		
ENSS 499	Senior Seminar	0.5
General Education Requirement or General Elective		1
PUBH 397 ⁺	Public Health Internship (or General Education Requirement or General Elective)	1
PHIL 316V ⁺	Bio-Medical Ethics (or General Education Requirement or General Elective)	1
General Elective		0.5 to 1
Term Units		4 to 4.5
Total Unit: 16 to 16.5		

Total Units for Plan: 32-32.5

- + Course counts toward both premed track and major of Public Health.
- * Course is a major requirement.
- ** Course is a premed requirement.