

BACHELOR OF SCIENCE WITH A MAJOR IN PUBLIC HEALTH, PRE-MEDICAL PROFESSIONS CONCENTRATION

REQUIREMENTS

The following requirements must be fulfilled:

Code	Title	Credits
Prerequisites		
As a prerequisite to PUBH 2110, one of the following courses:		
BISC 1005	The Biology of Nutrition and Health	
BISC 1006	The Ecology and Evolution of Organisms	
BISC 1007	Food, Nutrition, and Service	
BISC 1008	Understanding Organisms through Service Learning	
BISC 1111	Introductory Biology: Cells and Molecules	
BISC 1112	Introductory Biology: The Biology of Organisms	
HONR 1033	Honors Seminar: Scientific Reasoning and Discovery (Biology Only)	
As a prerequisite to PUBH 2112 and PUBH 3135W:		
PUBH 1101	Introduction to Public Health and Health Services	
As a prerequisite to PUBH 3130:		
ECON 1011	Principles of Economics I	
As a prerequisite to PUBH 3131, one of the following statistics courses; STAT 1127 is preferred:		
STAT 1051	Introduction to Business and Economic Statistics	
STAT 1053	Introduction to Statistics in Social Science	
STAT 1111	Business and Economic Statistics I	
STAT 1127	Statistics for the Biological Sciences	
As prerequisites to PUBH 4140W and PUBH 4141, completion of the research methods selective and the following courses:		

PUBH 3130	Health Services Management and Economics	
PUBH 3135W	Health Policy	
Code	Title	Credits
Public health core courses		
31 credits, including the research methods selective.		
PUBH 1010	First-Year Experience in Public Health *	
PUBH 1101	Introduction to Public Health and Health Services	
PUBH 2110	Public Health Biology	
PUBH 2112	Principles of Health Education and Health Promotion	
PUBH 3130	Health Services Management and Economics	
PUBH 3131	Epidemiology: Measuring Health and Disease	
PUBH 3132	Health and Environment	
PUBH 3133	Global Health and Development	
PUBH 3135W	Health Policy	
PUBH 4140W	Senior Seminar	
or PUBH 4141	Senior Seminar Community Needs Assessment	
Research methods selective		
3 credits from the following:		
EHS 2107	Theory and Practice of Research in a Clinical Setting	
EXNS 3111	Exercise and Nutrition Science Research Methods	
PUBH 3152	Qualitative Research Methods in Public Health	
PUBH 3199	Topics in Public Health (in topic Public Health Research Methods only)	
Approved electives		
12 credits in approved elective courses. No more than 9 credits may be taken through study abroad programs and/or domestic non-GW courses.		
ANTH 3503	Psychological Anthropology	
ANTH 3504	Illness, Healing, and Culture	

ANTH 3513	Anthropology of Human Rights	PHIL 2124	Philosophies of Disability
or ANTH 3513W	Anthropology of Human Rights	PHIL 2125W	Philosophy of Race and Gender
AMST 3950	Special Topics (Narrative Medicine in American History only)	PHIL 2281	Philosophy of the Environment
BADM 4101	Business Ethics and the Legal Environment	PSYC 3128	Health Psychology
BIOC 3560	Diet, Health, and Longevity	PSYC 3199	Current Topics in Psychology (Substance Abuse and Addictions only)
BISC 3450	Evolutionary Medicine	PUBH 1102	History of Public Health
or BISC 3450W	Evolutionary Medicine	PUBH 2113	Impact of Culture upon Health
EHS 2107	Theory and Practice of Research in a Clinical Setting	PUBH 2114	Environment, Health, and Development
EHS 2109	Infectious Diseases and Bioterrorism	PUBH 2117	Service Learning in Public Health
EHS 2175	Community Risk Management and Safety in EHS	PUBH 3115	Global Health and Human Rights
EXNS 1114	Community Nutrition	PUBH 3116	Global Health Systems Performance
EXNS 1199	Topics in Exercise and Nutrition Sciences (ONLY: Nutrition & Disease and International Nutrition)	PUBH 3136	Health Law
EXNS 2116	Exercise and Health Psychology	PUBH 3137	Global Public Health Nutrition
EXNS 2119	Introduction to Nutrition Science	PUBH 3150	Sustainable Energy and Environmental Health
EXNS 2122	Food Systems in Public Health	PUBH 3151W	Current Issues in Bioethics
EXNS 2123	Nutrition and Chronic Disease	PUBH 3199	Topics in Public Health
EXNS 3995	Undergraduate Research **	PUBH 3201	Introduction to Bioinformatics
GEOG 1003	Society and Environment	PUBH 3202	Introduction to Genomics
GEOG 2104	Introduction to Cartography and GIS	PUBH 3995	Undergraduate Research **
GEOG 2127	Population Geography	PUBH 4201	Practical Computing
GEOG 2137	Environmental Hazards	PUBH 4202	Bioinformatics Algorithms and Data Structures
GEOG 3106	Intermediate Geographic Information Systems	STAT 2118	Regression Analysis
HIST 3363	Race, Medicine, and Public Health	STAT 2183	Intermediate Statistics Lab/Packages
HLWL 1106	Drug Awareness	or STAT 2183W	Intermediate Statistical Laboratory: Statistical Computing Packages
HLWL 1109	Human Sexuality		
HSCI 2101	Psychosocial Aspects of Health and Illness (Residential delivery only)		
HSCI 2105	Current Issues in Bioethics (Residential delivery only)		

Code	Title	Credits
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Pre-medical professional concentration requirements

The following courses (41 credits) are required for students in the pre-medical professional concentration. These credits are accounted for either by also fulfilling General Education requirements, thus counting toward both requirements; and/or counting as general electives. Students should consult a GWSPH undergraduate advisors for assistance in course selection.

BISC 1111	Introductory Biology: Cells and Molecules	
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BISC 1112	Introductory Biology: The Biology of Organisms	
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CHEM 1111	General Chemistry I	
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CHEM 1112	General Chemistry II	
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CHEM 2151	Organic Chemistry I	
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CHEM 2152	Organic Chemistry II	
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CHEM 2153	Organic Chemistry Laboratory I	
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CHEM 2154	Organic Chemistry Laboratory II	
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BISC 3261	Introductory Medical Biochemistry	
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or CHEM 3165	Biochemistry I	
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MATH 1220	Calculus with Precalculus I	
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or MATH 1221	Calculus with Precalculus II	
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PHYS 1011	General Physics I	
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or PHYS 1012	General Physics II	
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PSYC 1001	General Psychology	
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or SOC 1001	Introduction to Sociology	
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public-health/#regulationstext), and the program guide. Students should pay special attention to SPH requirements for completing human research training, completing 8 hours of professional enhancement activities, and passing the academic integrity quiz.

*Internal transfer students may be eligible to satisfy this requirement with course alternatives to PUBH 1010. See program guide available from the GWSPH.

**A total of 6 credits may be taken in PUBH 3995. Students may apply up to 3 of those credits toward the major elective requirement.

Students must take all required courses at GW unless an exception is granted by the GWSPH Dean of Undergraduate Programs. Permission is granted only if there are strong extenuating circumstances that call for such an exception.

Students must comply with policies and procedures as outlined in University Regulations (<http://bulletin.gwu.edu/university-regulations/>), GWSPH Regulations (<http://bulletin.gwu.edu/>