

Revised
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School of Public Health and Health Services

**Bachelor of Science (BS)
Public Health**

**2011-2012
(with GCR Program Requirements)**

Program Advisors

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Note: All curriculum revisions will be updated immediately on the website <http://www.gwumc.edu/sphhs/>

Program Director

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Admissions

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Background

The George Washington University School of Public Health and Health Services (SPHHS) first offered the BS Public Health fall semester 2003. SPHHS was established in July 1997, bringing together three long-standing University programs, and is fully accredited by the Council on Education for Public Health (CEPH). The School educates over 800 students at the undergraduate, graduate, and doctoral levels, and comprises seven academic departments and four research centers. Since its inception, SPHHS has offered several undergraduate degrees and programs, including the Bachelor of Science in Exercise Science, the Bachelor of Science in Athletic Training, the Secondary Field of Study/Minor in Exercise Science, the Secondary Field of Study/Minor in Public Health, and the Concentration in Global Health in conjunction with the Elliott School of International Affairs. To learn more about SPHHS, visit <http://www.gwumc.edu/sphhs/>.

Learning Objectives in the Liberal Arts Tradition

The BS in Public Health, founded in the liberal arts tradition often associated with small, private colleges, is a respected and proven model for teaching students to assume responsibility for their own life-long learning. Liberal arts education has its foundation in both the arts (trivium, based on three disciplines: language, logic, and rhetoric) and the sciences (quadrivium, based on four disciplines of natural phenomena: arithmetic, geometry, astronomy, and music) as studied in medieval universities. While contemporary arts and sciences programs have expanded beyond the imagination and expectations of the medieval founders, it is within the context of this liberal arts tradition that the BS in Public Health strives to prepare students for progressive independence, maturity, knowledge of the world, understanding of diverse inhabitants, and respect for their differing points of view. Because this degree is intended to convey technical detail and analytic skills, but with a liberal arts philosophical base, it also has the educational objectives of nurturing critical thinking, analysis, and synthesis of information, and recognizing the historical and societal associations of current trends in public health and health care delivery.

Core Course Competencies

The following competencies are designed to be achieved by all public health majors through the indicated courses:

1. Explain the population health perspective and the methods used by public health to define and address population-wide/ social concerns as well as the needs of vulnerable populations through the provision of essential services (PubH 1101 Introduction to Public Health and Health Services; PubH 3133 Introduction to Global Health and Development; PubH 2112 Principles of Health Education and Health Promotion)
2. Apply options for intervention frameworks including when (primary, secondary, and tertiary), who (individual, at-risk group, general population) and how (education, motivation, obligation) to intervene. (PubH 1101 Introduction to Public Health and Health Services; PubH 2110 Public Health Biology; PubH 2112 Principles of Health Education and Health Promotion)
3. Explain principles of epidemiology necessary to understand health and impairments of health including the uses of rates, the meaning of causation, and the evaluation of the effectiveness of interventions. Apply principles of epidemiology to reading research articles including case-control, cohort studies and randomized clinical trials. (PubH 3131 Epidemiology: Measuring Health and Disease; PubH 3132 Health and Environment; PubH 3133 Introduction to Global Health and Development)
4. Explain from a national and global perspective the burden of disease, social-economic determinants of health, the links between health and development, and approaches to international cooperation to monitor, promote and protect health. Describe the most cost-effective interventions to address key issues (e.g., nutrition, TB, Malaria, and HIV) and long term issues

including sustainability (PubH 3133 Introduction to Global Health and Development; PubH 1101 Introduction to Public Health and Health Services; PubH 4140 Senior Seminar)

5. Describe biological principles needed to understand public health issues across the life span and apply these principles to public health interventions to eliminate, prevent, and control disease and to minimize their impact on health (PubH 2110 Public Health Biology; PubH 2111 Introduction to Preventive Medicine; PubH 1101 Introduction to Public Health and Health Services)
6. Explain the use of clinical and community interventions for assessing, protecting and improving health and preventing, detecting, curing, and minimizing the impact of disease (PubH 2111 Introduction to Preventive Medicine; PubH 3133 Introduction to Global Health and Development, PubH 3132 Health and Environment)
7. Explain the way biological, environmental, and psycho-social and cultural factors interact in disease production across time and understand how these influences can impact prevention strategies. Describe historical examples of the changing definitions of public health in a variety of cultures and times, including major scientific advancements and achievements that have had a significant impact on the advancement of public health. Compare and contrast response to public health issues in different times and cultures.. (PubH 1102 Plagues and Peoples: A History of Public Health and Epidemic Diseases)
8. Describe the current U.S. and selected global public health and health care delivery systems; explain structures for and approaches to development of health policies; apply knowledge of the U.S. public health and health care delivery systems to current policy debates; and apply principles for conducting a health policy analysis (PubH 1101 Introduction to Public Health and Health Services; PubH 3135 Introduction to Health Policy, PubH 3133 Introduction to Global Health and Development; PubH 4140 Senior Seminar)
9. Explain the range of social and behavioral theories applicable to health behavior and apply these theories to interventions addressing a variety of health impairing conditions, populations and intervention contexts. (PubH 2112 Principles of Health Education and Health Promotion)
10. Explain the impacts of the physical environment on health and use these explanations to understand human actions that alter, detect, and/or minimize these impacts (PubH 3132 Health and Environment; PubH 3133 Introduction to Global Health and Development)
11. Describe and explain the impact of management theory and economics as applied to managing in the health services and public health field. (PubH 3130 Introduction to Management and Economics of Health Services)
12. Synthesize interdisciplinary approaches to the analysis of national and global determinants of health and disease as well as interventions to eliminate or control diseases and other health impairing conditions (PubH 4140 Senior Seminar)

Careers

The BS in Public Health strives to increase awareness and understanding of public health principles among students who are preparing for professional careers in fields such as:

- Allied Health
- Business
- Health Education
- Health Services Administration
- Law
- Medicine (or another of the health professions)
- Public Health (both those who plan to pursue graduate degrees in public health or students who intend to pursue entry-level jobs in specific sectors of public health, health services, or public policy for which bachelor's level education is appropriate)

Admissions Requirements

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In order to declare the BS in Public Health major, students must:

1. Receive guidance from the SPHHS Admissions Director; and
2. Submit a *Transfer Application from Within GW* form to the SPHHS Office of Admissions; and
3. Your resume, and
4. Submit 250 word responses to the following two questions:
 - What public health issue concerns you most and why?
 - What role will the public health major play in your goals to become a lifelong learner?

5. Be accepted into the program.

No student is considered to have declared a major until this process is completed and the student has received a letter of acceptance from the SPHHS Office of Admission. Thereafter, the student receives academic guidance from an advisor in SPHHS, and must continue to receive academic guidance from the advisor in the major field in order to register for all subsequent semesters.

Since space, equipment, and other requirements compel the program to limit the number of students in the major, admission to the major may be on a selective or space available basis.

Admissions decisions are announced after the student reaches junior status upon the completion of 60 credits. The curriculum that accepted students follow is the curriculum effective for the academic year in which the student matriculates into the BS Public Health program. A minimum 3.0 grade point average and junior status (60 credits) are required for admissions consideration.

Application Deadlines

Fall Admission

Applications are due on March 1st. Late or incomplete applications will not be considered.

Academic Degree Requirements for Graduation*

There are three categories of Degree Requirements: General Curriculum Requirements (GCR), Public Health Core Courses, and Public Health Electives. Students take other electives to total the 120 credits required to graduate.

A. General Curriculum Requirements (52-57 GCR credits; 75-77 GCR credits for premedical students)

The GCR are similar to those that have been established by the GW Columbian College Arts and Sciences. Students will typically fulfill these requirements by taking the required number of GW courses and credits in seven categories:

1. Literacy (10 credits) UW 1020 (4) Introductory English Composition.
To complete the total literacy requirement, students take two WID course (3 credits each). PubH 3132, 3135 and 4140 are designated WID course.
 - Rationale: For the academic world and beyond, students develop their ability to write effectively and to read with a high level of comprehension.
2. Quantitative and Logical Reasoning (6 credits; at least 1 Statistics Course, plus another Statistics course or a Mathematics or Logic (PHIL) course)
 - Rationale: Argumentation and quantitative evidence play important roles in social discourse. Students enhance their capacity to think logically and critically and to reason symbolically or with numerical data.

Statistics Note: While SPHHS will accept any of the statistics courses listed below, STAT 1127 is the preferred course for our students. The introductory statistics course(s) students select depends upon their academic interests. Only one of the STAT courses listed below may be used to satisfy this requirement, because the course content is equivalent:

- STAT 1053 may be preferred by students interested in social science.
- STAT 1091 may be preferred by students interested in natural science.
- STAT 2104 may be preferred by students interested in management and policy.
- STAT 1111 may be preferred by students interested in business and economics.
- STAT 1127 may be preferred by students interested in health and medicine.

Pre-Law Students Note: In addition to the Statistics course requirement, it is strongly recommended that Pre-Law students take the Logic course (PHIL 2045, Introduction to Logic), to fulfill this requirement.

Mathematics Note: MATH 1007 is considered remedial and does not satisfy the Quantitative and Logical Reasoning requirement. Students may select from MATH 1009, 1010, 1220-1221, or 1231 to fulfill this requirement.

Premedical Students Note: Medical schools vary in their mathematics requirements, and not all premedical students need to take calculus. Please use the resource guide, *Medical School Admissions Requirements* (Source: Association of American Medical Colleges), to learn about medical schools' academic requirements.

3. Natural Sciences (9-12 credits)
 - Rationale: The health, security, and economic well being of our society are linked to a scientifically literate citizenry. Students explore the fundamental principles of the natural world and see how the tools of science--careful observation and experimentation--not only help develop technology but also lead to a deeper understanding of the universe.

Premedical Students Note: In place of the above requirements, premedical students must take 32 total Natural Sciences credits: 8 credits of Introductory Biology (BISC 1111 and BISC 1112); 8 credits of General Chemistry (CHEM 1111 and CHEM 1112); 8 credits of Organic Chemistry (CHEM 2151 and CHEM 2153 (lab) and CHEM 2152 and CHEM 2154 (lab)); and 8 credits of Physics (PHYS 1011 and PHYS 1012).

Recommended for premedical students: genetics and biochemistry that may be taken as elective credits.

4. Social and Behavioral Sciences (6 credits)
 - Rationale: Structures and processes in society and personality shape public events and the behavior of individuals and groups. Students explore empirical results in the literature and the implications of these results for social and behavioral issues, thereby gaining an appreciation for theory and methods of analysis, evidence, and proof in the social and behavioral sciences.
5. Creative and Performing Arts (3 credits)
 - Rationale: Imagination and its expression play an important part in the cultural life of a society. Through courses that require participation in a creative or performing art, students gain insight into the interactions among materials, talent, and imagination, and develop sensitivity to the diverse elements involved in the arts. Substitutions may be approved for Lifestyle, Sport and Physical Activity classes with the permission of your advisor.
6. Humanities (12 credits)
 - Rationale: The humanities express the ideas, aspirations, and values of individuals and the societies in which they live. Through courses in the humanities, students experience the richness of ideas, traditions, and stories that have shaped the world.
7. Foreign Language and Culture (6-8 credits in one of the following options):
 - **Option 1:** Students take two courses in one language other than English, beginning at the level at which they place; or
 - **Option 2:** Students take two courses in aspects of foreign cultures. For those who chose this option, courses must be selected from a list of approved courses periodically updated by the SPHHS Office of Admissions.
 - Rationale: In our increasingly multicultural society, familiarity with a second language or another culture is important to understanding ourselves in relation to the world. Students must study a second language or other cultures in order to help develop this understanding, to facilitate communication across cultural and national boundaries, and to gain an appreciation for cultural diversity.

**SPHHS follows the GW Columbian College of Arts and Sciences
General Curriculum Requirements* with the following
specifications:**

- Students must take either BISC 1005, BISC 1111 or equivalent (with approval from the PubH 2110 instructor) as a pre-requisite to taking Public Health Biology (PubH 2110)
- Starting in Fall 2012, students must take one semester of statistics (STAT 1127 is preferred) as a pre-requisite for Epidemiology (PubH 3131). Students who take Epidemiology before Fall 2012 must still meet the statistics requirement to graduate as Public Health major.
- Starting in Fall 2012, students must take Econ 1011 or equivalent (with approval from the PubH 3130 instructor) as a pre-requisite to taking Health Services Management and Economics (PubH 3130). Students who take PubH 3130 before Fall 2012 do not need to take an Economics course to graduate as a Public Health major.

***NOTE: In Fall 2011, GCR requirements for incoming Freshman in the Columbian College of Arts & Sciences were converted to a new General Education program called G-PAC (perspective, analysis and communication). If these academic degree requirement changes affect you, please see the alternative Program Guide which outlines Academic Requirements under the new G-PAC program (to be posted on website). And, please consult with your advisor immediately.**

B. Public Health Core Courses (33 credits, 11 courses)

The public health major curriculum constitutes 42 credits: 33 core credit credits and 9 elective credit credits offered through SPHHS.

Public Health Core Courses		
Required Courses	Credits	Title
PubH 1101	3	Introduction to Public Health and Health Services
PubH 1102	3	History of Public Health
PubH 2110	3	Public Health Biology
PubH 2111	3	Introduction to Preventive Medicine
PubH 2112	3	Principles of Health Education and Health Promotion
PubH 3130	3	Health Services Management and Economics
PubH 3131	3	Epidemiology: Measuring Health and Disease
PubH 3132 (W option)	3	Health and Environment
PubH 3133	3	Global Health and Development
PubH 3135-W	3	Health Policy
PubH 4140-W	3	Senior Seminar

C. Public Health Elective Courses (9 credits)

Approved Public Health Elective Courses		
Elective Courses	Credits	Title
HLWL 1103	3	Issues in Men's Health
HLWL 1104	3	Outdoor and Environmental Education
HLWL 1106	3	Drug Awareness
HLWL 1109	3	Human Sexuality
HLWL 1110	3	Issues in Alternative Medicine
HLWL 1112	3	Issues in Women's Health
ExSc 1110	4	Applied Anatomy and Physiology I
ExSc 1111	4	Applied Anatomy and Physiology II
ExSc 1118	3	Sport and Nutrition
ExSc 2113	3	Kinesiology
ExSc 2119	3	Basic Nutrition
EHS 1040	3	Emergency Medical Tech – Basic
EHS 1041	1	Emergency Medical Tech – Lab
EHS 2108	3	Emergency Medical Clinic Scribe
Hist 3363	3	Race, American Medicine, and Public Health: African-American Experiences
Anth 3504	3	Illness, Healing and Culture
Anth 3513	3	Human Rights and Ethics
Anth 6302	3	Issues in Development
HSCI 2101	3	Psychosocial Aspects of Health and Illness
PubH 1099	Var	Variable Topics
PubH 2113	3	Impact of Culture Upon Health
PubH 2114	3	Environment, Health and Development
PubH 2115	3	Health, Human Rights, and Displaced Persons
PubH 2116	3	Global Delivery of Health Services
PubH 2117	3	Service-Learning in Public Health
PubH 3134	3	International Public Health Practice
PubH 3136	3	Health Law
PubH 3190	1-3	Various Topics in Public Health

Expectations of Students/Policies

1. Follow the admissions process outlined above;
2. Consult an SPHHS advisor prior to registration (The advisor should be consulted before registration concerning the student's program of courses; the entire program, including electives, must be approved by the advisor. The student is also expected to consult a program advisor in all matters affecting the program of studies, such as changes, substitutions, or withdrawals);
3. Earn 120 credits within the established course distribution outlined below:

Summary Credit Distribution Chart		
Category	Credits	Premedical Credits
General Curriculum Requirements	52-57	71-73
Public Health Core Curriculum	33	33
Public Health Electives	9	9
Additional Electives	21-26	1-3
Total Number of Credits	120	120

4. No course may fulfill a requirement in more than one of the seven GCR categories (exception: An occasional WID course may fulfill more than one GCR category);
5. Students may also fulfill credit requirements in the following ways: 1. transfer credit for equivalent courses from an accredited institution; 2. credit earned by means of AP, IB, or other nationally approved examination programs; or 3. by waiver examinations such as SAT II or ACT subject tests, except in foreign languages. (See Advanced Standing and Advanced Placement under Admissions in the GW Undergraduate Bulletin);
6. Two courses that are related in subject matter may not be taken to fulfill a requirement (Consult the GW Undergraduate Bulletin in the Course Instruction section to identify courses that are equivalent);
7. It is the student's responsibility to understand the degree requirements and follow them for on-time graduation.
8. Comply with policies and procedures as outlined in the *SPHHS Student Handbook* and the *GW Undergraduate Bulletin*. Pay particular attention to the SPHHS requirements to complete human research training, to complete 8 hours of professional enhancement activities, and to pass the Academic Integrity Quiz.

Please consult the SPHHS Office of Admissions, 221 Ross Hall, 2300 I Street, NW, Washington, DC 20037; sphhsinfo@gwumc.edu; 202.994.2160 for further information about the Bachelor of Science (BS) in Public Health.

**BACHELOR OF SCIENCE – PUBLIC HEALTH
PROGRAM-AT-A-GLANCE
2011-2012**

General Curriculum Courses		
<i>Premedical GCR Total Credits = 75-77</i>		<i>All Others GCR Total Credits = 52-57</i>
Note: Not all courses within a department qualify for credit toward GCR. For detailed information on courses credited within specific GCR categories, see http://columbian.gwu.edu/sites/default/files/u11/2010-11%20file%20for%20website.pdf and consult with your Advisor. Courses will only be counted toward one GCR.		
General Curriculum Requirement (GCR)		Credits
Literacy	UW 1020 Students also take two additional WID courses (3 credits each) to complete the requirement	10
Quantitative and Logical	At least 1 Statistics Course, plus another Statistics, Mathematics Course, or Logic (PHIL) course (STAT 1127 preferred by SPHHS)	6
Natural Science for Premedical Students	Year-long Sequences for Science Majors <ul style="list-style-type: none"> • Biology • Chemistry • Organic Chemistry • Physics 	32
Natural Science for All Others	3 Laboratory Courses from at least 2 fields: Biology, Anthropology, Chemistry, Geology, Geography, Physics, Astronomy	9-12
Social Behavioral Sciences	Two courses in one or more of the following fields: Anthropology, Communication, Economics, Geography, Human Services, Linguistics, Media and Public Affairs, Organizational Sciences, Political Science, Psychology, Speech & Hearing, Sociology	6
Creative and Performing Arts	Taken from the following areas (SPHHS Students may substitute LSPA classes). All 3 credits must be in the same department: Eastern Asian Language & Literature 1075, Fine Arts, English, Music, Media & Public Affairs, Theatre & Dance	3
Humanities	Four courses taken from the following fields: American Studies, Art History, Classical Studies, Film Studies, Foreign Language Literatures in various language programs, History, Humanities, Media and Public Affairs, Peace Studies, Philosophy, Religion, Women's Studies, Theatre & Dance	12
Foreign Language and Culture	-Option 1: Students take two courses in one language other than English, beginning at the level at which they place; or -Option 2: Students take two courses in aspects of foreign cultures from any of the Language programs and/or the fields of Anthropology, Art History, Classical Studies, Geography, History, Humanities, Music, Political Science, Religion, Speech & Hearing, Women's Studies	6-8
Total Credits for Premedical Students		75-77
Total Credits for All Others		52-57
Public Health Required Core Courses 33 Credits/11 courses		
PubH 1101 Introduction to Public Health and Health Services PubH 1102 History of Public Health PubH 2110 Public Health Biology PubH 2111 Introduction to Preventive Medicine PubH 2112 Principles of Health Education and Health Promotion	PubH 3130 Health Services Management & Economics PubH 3131 Epidemiology: Measuring Health and Disease PubH 3132-W (option) Health and Environment PubH 3133 Global Health and Development PubH 3135-W Health Policy PubH 4140-W Senior Seminar	33

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BSPH Curriculum, continued

Sample Public Health Elective Courses		
PubH 1099 Variable Topics PubH 2113 Impact of Culture Upon Health PubH 2114 Environment, Health and Development PubH 2115 Health, Human Rights, and Displaced Persons PubH 2116 Global Delivery of Health Services PubH 2117 Service Learning in Public Health PubH 3134 International Public Health Practice PubH 3136 Health Law PubH 3190 Various Topics in Public Health HLWL 1103 Issues in Men's Health HLWL 1104 Outdoor and Environmental Education HLWL 1106 Drug Awareness HLWL 1109 Human Sexuality HLWL 1110 Issues in Alternative Medicine HLWL 1112 Issues in Women's Health	ExSc 1110 Applied Anatomy and Physiology I ExSc 1111 Applied Anatomy and Physiology II ExSc 1118 Sport and Nutrition ExSc 2113 Kinesiology ExSc 2119 Basic Nutrition EHS 1040 Emergency Medical Tech - Basic EHS 1041 EMT - Lab EHS 2108 Emergency Medical Clinic Scribe Hist 3363 Race, American Medicine, and Public Health: African-American Experiences Anth 3504 Illness, Health, and Culture Anth 3513 Human Rights and Ethics Anth 6302 Issues in Development HSCI 2101 Psychosocial Aspects of Health and Illness	9
Electives		
Planned with Advisor		
Premedical Students		1-3
All Other Students		21-26
Total Credits		120

**Public Health
Undergraduate Course Offerings
2011-2012**

PubH (101)	1101	Introduction to Public Health and Health Services	3	Introduction to public health and health services, including health services administration and policy, maternal and child health, environmental health, and health promotion. Fall, Spring
PubH (105)	1102	History of Public Health	3	Historical and philosophical development of public health and its contributions to understanding, preventing, and controlling disease and disabilities. Fall, Spring
PubH (102)	2110	Public Health Biology	3	Overview of basic scientific mechanisms, concepts, and principles in health and in the pathogenesis of disease; the clinical scientific foundation for applications to the practice of public health. Prerequisite: BISC 005 or BISC 014 or equivalent. Fall, Spring
PubH (103)	2111	Introduction to Preventive Medicine	3	Introduction to the clinical science basis of preventive medicine, including nutrition, infectious diseases, immunology, and human growth and development. Overview of the goals and methods used for disease prevention. Fall, Spring
PubH (121)	2112	Principles of Health Education and Health Promotion	3	Introduction to principles and concepts of health education and the role of the health educator in public health practice settings. Foundations of health promotion; communicating health concepts to the public, with a focus on strategies for developing health messages for specific populations. Pre- or co-requisite: PubH 1101. Fall
PubH (185)	2113	Impact of Culture Upon Health	3	Relationships between cultural values and the development of modern health systems based on Western models of health care practice. Reliance upon traditional forms of health care. Examples of successful incorporation of traditional practices into evolving health care systems. Fall
PubH (181)	2114	Environment, Health and Development	3	Explores the relationships among levels of development, environment, and health, with a particular focus on three issues of current major interest: the gap in water supply and sanitation; increased energy use and air pollution, including implications for climate change; and agricultural practices, food availability/accessibility and nutrition. Other topics to be discussed include urbanization and population change.
PubH (182)	2115	Health, Human Rights, and Displaced Persons	3	Concepts of health as a human right, ethics, and the participation of the international community in moving toward health for all. Civil and international conflict in the generation of displaced populations.
PubH (183)	2116	Global Delivery of Health Systems	3	Introduction to health systems and the basic concepts of health systems administration and financing and health care reform with examples from advanced, middle income, and poor countries. Spring
PubH (193)	2117	Service Learning in Public Health	3	Experiential learning through classroom activities and off-site professional work experiences rooted in public health and its aims. Builds essential skills of service, learning, and reflection through discussion, journal writing, and research. Prerequisites: PubH 1101

PubH (106)	3130	Health Services Management and Economics	3	Basics of management theory, finance, and economics as applied to managing in the health services and public health fields. Management theory considers the functions of planning, organizing, staffing, directing, and controlling. Attention to quality and performance improvement, problem solving and decision-making ethics. Economic theory includes macro- and micro-economics, supply and demand, and economic and pricing incentives as they affect physicians and institutional providers. Financial theory includes sources of revenue, financial statements, ratios, and managing cash. This is a first-level course. Each student will do both an individual and group project. Fall, Spring
PubH (132)	3131	Epidemiology: Measuring Health and Disease	3	Principles of epidemiology applied to disease surveillance, control of infectious and chronic diseases, and health services/health policy. Understand basic research designs and their relationship to establishing cause and effect and effectiveness of interventions to prevent and cure disease. Prerequisite: PubH 1101. Fall, Spring
PubH (172)	3132 W	Health and Environment	3	Introduction to environmental and occupational health and implications for individual and population health. Issues of clean water, environmental toxins, air pollution, and the environmental impact on infectious diseases. WID Option. Spring
PubH (180)	3133	Global Health and Development	3	Basic concepts of development theory, international health policy, demographic trends, and health promotion; how the relationships between socioeconomic development and global health can be observed, measured, and used for the management of health programs. Fall, Spring
PubH (184)	3134	International Public Health Practice	3	Global challenges of new and re-emerging infectious diseases and the health of travelers. Use of health information in the context of globalization and public health practice. International aspects of medical and public health training.
PubH (191)	3135 W	Health Policy	3	An introduction to the fundamentals of the health care system in the United States and strategies available to policymakers when addressing problems relating to access, financing, and delivery of health care. Pre-requisite: PubH 1101. Fall and Spring
PubH (192)	3136	Health Law	3	Legal concepts related to individual health care and public health systems in the United States. Includes health care law, public health law, and bioethics. Spring
PubH (190)	3190	Topics in Public Health	1-3	Topics announced in the Schedule of Classes. May be repeated for credit provided topic differs. Various offerings each semester.
PubH (195)	4140 W	Senior Seminar	3	This course provides public health majors with a culminating experience to their overall studies in Public Health. Students will develop a public health intervention incorporating various domains of public health. Prerequisites: PubH 1101, 1102, 2110, 2111, 2112, 3130, 3131, 3132, 3133 and 3135. Spring
PubH (19)	4199	Independent Study	3	For majors only. Provides the student with an opportunity to gain or enhance public health knowledge and to explore an area of interest related to public health research or the delivery and/or administration of health services. Prerequisite: outline of project must be approved prior to registration by project supervisor, program director, and dean's office. See Independent Study on the SPHHS undergraduate website for complete requirements.

