Major: Environmental Health
Area of Emphasis: Advanced Science & Pre-Med (ASP)

The ASP area of emphasis prepares students for graduate level work or professional school. Examples might include pre-master's of science, pre-PHD, pre-medical, pre-dental, pre-pharmacy, or pre-law.

I. Foundation Courses (9 hours)

ENGL 1101	(3)
ENGL 1102 or 1102M	(3)
MATH 1113	(3)

II. Sciences (8 hours)

Physical: CHEM 1211/L	(4)
Life: BIOL 1107/L	(4)

III. Quantitative Reasoning (4 hours)

BIOS 2010/L preferred	(4)

IV. World Languages, Culture, Humanities, & Arts

World Languages and Culture	(9)
Humanities: COMM 1110	(3)

V. Social Sciences (9 hours)

HIST 2111 or 2112 (preferred)	(3)
POLS 1101 (preferred)	(3)
See bulletin for approved courses	(3)

VI. Courses Related to Major (19 hours)

BIOL 1108/L Prin of Biology II	(4)
CHEM 1212/L Freshman Chemistry II	(4)
CHEM 2211/L Modern Organic Chem I	(4)
EHSC 2100 Environmental Physiology	(3 Sp)
PHYS 1111/L Introductory Physics I	(4)

Major Requirements (36-37 hours)

CPH Core

EPID 4070 Foundations of Epidemiology	(3)
HPAM 3600/E Introduction to Health Policy	(3)
HPRB 3010 Health Promotion in Public Health	(3)

EHS Core

EHSC 3060/ E Intro to Environmental Health	(3)
EHSC 3910 Internship in EHS	(3)
EHSC 4080 Environmental Air Quality	(3 Sp)
EHSC 4150 Solid & Hazardous Waste Mgmt.	(3 F)
EHSC 4490 Environmental Toxicology	(3 F)
EHSC 4910 Environ Health Seminar	(1)

Science Core

CHEM 2212/L Modern Organic Chemistry II	(4)
MIBO 3500 or 3000 Microbiology	(3-4)
PHYS 1112/L Introductory Physics II	(4)

General Electives (5-6 hours)

FYOS 1001	(1)

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Major Electives (18 hours) **6 hours must be EHSC*

EHSC Electives

EHSC 3950 Training/Hazard Waste Workers	(2 Su)
EHSC 4090 Bioremediation	(3 Sp-E)
EHSC 4100/L Industrial Hygiene	(3 F)
EHSC 4310/L Environ. Microbiology	(4 Sp)
EHSC 4350/L Environ. Chemistry	(3)
EHSC 4400 Environ. Issues in Devel. World	(3 Sp,Su)
EHSC 4610 Water Pollution & Human Hlth	(3 F-O)
EHSC 4700 Genetic Applications in EHS	(3)
EHSC/ENTO 3590/L Urban Entomology	(4 Sp)
EHSC/ENVM 4250/L Environmental Law	(3 Sp)
EHSC/FDST 4320/L Food Sanitation	(3 F)
EHSC 3700-3708 Research (not part of 6 hrs)	(3 - 6)

Science Electives

BCMB 3100 Intro Biochem & Molec Biol	(4)
CBIO 3000/L Vertebrate Anatomy	(4)
CBIO 3200L Medical Anatomy	(1-3)
CBIO 3400 Cell Biology	(4)
CBIO/MIBO/IDIS 4100 Immunology	(3)
GENE 3200/D Genetics	(4)
GENE 4050 Behavior Genetics	(3)
IDIS 3100(H) People, Parasites, Plagues	(3)
MATH 2250 Calculus	(4)
PBIO 3010 Fungi: Friends and Foes	(3)

Physical Education Requirement ***not in 120 total hours***

PEDB Choice of PE offered	(1)

*Additional electives approved by undergraduate coordinator.

Effective: Fall 2020

Environmental Health Science
College of Public Health
UNIVERSITY OF GEORGIA

Approved Non-EHSC Courses for Major Electives:

AAEC 4720 Food Security, Econ. Development & Environ
AAEC 4800 Water Resource Economics
BCMB 3100 Intro to Biochemistry
BCMC 4200 Biotechnology
BIOL 3110L Basic Skills in the Laboratory
BIOS 3000 Intermediate Biostat. For Public Health
CHEM 2300/2300L Quant. Analysis Chemistry
CHEM 3300 Modern Instrumental Methods
COMM 3320 Environmental Communication
COMM 4610 Health Communication
CRSS(ECOL) 4930 Agroecol Tropical America
CRSS(ECOL) 4930 Agroecol Tropical America Fld Trp
DMAN 3100 Disasters and Society
ECOL(BIOL)3500/3500L Ecology
ECOL(BIOL)3510 Ecology Laboratory
ECOL 3530/3530D Conservation Ecology
ECOL 4150L Population Biology of Infectious Diseases
ECOL(FORS) 4310/4310L Limnology
EETH 4020 Readings in Environmental Ethics
EETH 4200 Environmental Concepts
ENGR 4480 Instrumentation for Environmental Quality
ENTO 4250/4250L Pesticides/Transgenic Crops
ENTO 3650/3650L Medical Entomology
ENVM 3060/E Principles of Resource Economics
ENVM(EHSC) 4250 Environmental and Public Health Law
ENVM 4380 Environmental Management and Sustainable Business Practices
EPID 4200 Epidemiological Aspects of Global Health
FDST 4051E Food Law and Regulation
FORS 3910/3910L Spatial Info in Natural Res
FORS 4110 Forest Hydrology
FORS 4120 Quantitative Methods in Hydrology
FORS 4130 Field Methods in Hydrology
FORS 4140/4140L Introduction to Wetlands
FORS 4160/4160L Environmental Monitoring
FORS 4330/4330L Water Quality Mgmt Fish and Aquaculture
FORS 4370/4370L Fish Physiology
GENE 3200 Genetics
GEOG 4370/4370L Geog Info Sci (GIS)
GEOG 4470 Analysis in GIS
GEOL 3150 Coastal Processes/Conservation
GEOL 3220 Water Issues in GA
GEOL 4220 Hydrogeology
GLOB 3100 Introduction to Global Health
(or) GLOB 3200 Global Health and the Links among Food Culture, and Disease
(or) GLOB 4960 Research in Global Health
HPAM 4100 The Age of Human and Social Capital
IDIS 4220 Pathogenic Bacteria
MARS 3000 Coastal Zone and Marine Law
MARS 3450/3450L Marine Biology
MATH 2200 Analytic Geometry/Calculus
PBIO 3010 Fungi: Friends and Foes
PBIO 4670 Plant Molec Responses Environ
SOCI 3400 Environmental Sociology

Double Dawg Students:

If you are pursing a Double Dawg program with an undergraduate degree in environmental health and the Master of Public Health degree, the following courses are typically the graduate level courses you should consider. Please double check with your advisor for an approved plan.

- BIOS 2010 or BIOS 7010 or BIOS 7010E
- EPID 4070/E or EPID 7010 or EPID 7010E
- HPAM 3600/E or HPAM 7010 or HPAM 7010E
- HPRB 3010 or HPRB 7010 or HPR 7010E

*Graduate courses are preferred for Double Dawg program participants only. Please work with an advisor to choose your four courses.

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