

## COURSE OFFERING FREQUENCY

Based on Degree Requirements for Bachelor of Science in Environmental Health

Department of Environmental Health Science

206 Environmental Health Building, Athens, GA 30602-2102 PH: 706/542-2454

### Area A: ESSENTIAL SKILLS (9 hr)

ENGL 1101 English .....	Every
ENGL 1102 English .....	Every
MATH 1113 Precalculus .....	Every

### Area B: INSTITUTIONAL OPTIONS (2 hr)

(Satisfied by electives selected by the student with approval of an academic advisor.)

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### Area C: HUMANITIES/FINE ARTS (6 hr)

(See reverse side for list of courses.)

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### Area D: SCIENCE, MATH, TECHNOLOGY (11 hr)

BIOL 1107/1107L Principles of Biology I .....	F SP
CHEM 1211 Freshman Chemistry I .....	Every
CHEM 1211L (Lab) Freshman Chemistry I .....	Every
STAT 2000 Elementary Statistics .....	Every

### Area E: SOCIAL SCIENCES (12 hr)

(See reverse side for list of courses.)

POLS 1101 American Government .....	Every
HIST 2111 American History to 1865	
or HIST 2112 American History since 1865 .....	F SP

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### Area F: RELATED TO MAJOR (20 hr)

BIOL 1108/1108L Principles of Biology II .....	Every
CBIO 2210/2210L Human Physiology .....	SP SU-(even yrs)
CHEM 1212 Freshman Chemistry II .....	Every
CHEM 1212L (Lab) Freshman Chemistry II .....	Every
CHEM 2211 Modern Organic Chem. I .....	Every
CHEM 2211L(Lab) Modern Organic Chem. I .....	Every
PHYS 1111/1111L Introductory Physics I .....	Every

### MAJOR REQUIREMENTS/EHSC Core (36-37 hr)

EHSC 3060 Introduction to Environ. Health .....	F SP
EHSC 3800 Environ. Health Seminar .....	F SP
EHSC 3910 Internship in Environ. Health Science .....	Every
EHSC 4070 Fundamentals of Epidemiology .....	F
EHSC 4080 Environmental Air Quality .....	SP
EHSC 4150 Solid and Hazardous Waste Mgmt. ....	F
EHSC 4490 Environmental Toxicology .....	F
AAEC(EHSC) 4250 Env. & Public Health Law .....	SP
CHEM 2212 Modern Organic Chem. II .....	Every
CHEM 2212L(Lab) Modern Organic Chem. II .....	Every
MIBO 3500 Introductory Microbiology .....	Every
or MIBO 3000/3000L Intro. Applied Micro .....	SP
PHYS 1112/1112L Introductory Physics II .....	Every
SPCM 1100 Introduction to Public Speaking .....	Every
or AGCM 1200 Intro to Comm in Ag & Env Sci .....	Every

Choose 18 hrs. from the following list of EHSC and related courses. At least two courses must be EHSC lecture courses (excluding EHSC 3700 and EHSC 3910). Other non-EHSC courses may satisfy the remaining hours of this requirement, but only upon the approval of your EHSC academic advisor.

### Choose 2 courses from the following EHS electives:

EHSC 3260 Shelter and Institutional Environ .....	F
EHSC 4100/4100L Industrial Hygiene .....	F
EHSC 4310/4310L Environ. Microbiology .....	SP
EHSC 4350/4350L Environmental Chemistry .....	SP
EHSC 4610 Water Pollution .....	F
EHSC(ENTO) 3590/3590L Urban Entomology .....	SP
EHSC(ENTO) 4050/4050L Biomonitoring Inver .....	SP
EHSC(ENTO)4060/4060L Ecotoxicology .....	F
EHSC(FDST) 4320/4320L Food Sanitation .....	F

### Non-EHS Major Electives. Add from these courses to total 18 h in

#### Major Electives:

EHSC 3700 Special Problems .....	Every
AAEC 4650. Environmental Economics .....	SP
AAEC 4720. Food Security, Econ Dev, & Environ .....	F
AAEC 4800/6800. Water Resource Economics .....	F IS
BCMB 3100 Intro. Biochemistry .....	Every
BCMB 4200/6200. Biotechnology .....	SP
BIOL 3110L. Basic Skills in the Laboratory .....	Every
CHEM 2300/L Quantitative Analytical Chem .....	F SP
CHEM 3300. Modern Instrumental Methods .....	F
CRSS 3060/3060L Soils & Hydrology .....	F SP
CRSS 4510. Contaminants in Soil and Water .....	
CRSS 4580/4580L. Soil Erosion and Conservation .....	
CRSS 4660/4660L Chem Anal of Environ Samples .....	
CRSS 4670/4670L Environmental Soil Chemistry .....	F
CRSS(ECOL) 4931 Agroecol Tropical America .....	SP
CRSS(ECOL) 4931 Agroecol Trop America Fld Trip .....	SU
CRSS (FORS) 3060/3060L Soils & Hydrology .....	F SP
ECOL(BIOL) 3500/3500L Ecology .....	F SP
ECOL(BIOL) 3510. Ecology Laboratory .....	
ECOL 3520. Ecological Applications .....	SP
ECOL 3530-3530D. Conservation Ecology .....	F
ECOL 3700. Organic Agriculture .....	SU
ECOL 4120H. Ecology of Global Change .....	F
ECOL(FORS) 4310/4310L Limnology .....	F
ECOL 4560/6560. Science & Art of Conservation .....	SU
EETH 4020 Readings in Environmental Ethics .....	
EETH 4200 Environmental Concepts .....	F
ENGR 4480 Instrumentation for Env Quality .....	F
ENTO 4250/4250L Pesticides and Transgenic Crops .....	SP
ENTO 3650/3650L Medical Entomology .....	SP
FORS 3910-3910L. Spatial Info in Forest Res .....	F SP
FORS 4110 Forest Hydrology .....	SP
FORS 4120 Quantitative Methods in Hydrology .....	F
FORS 4130L Field Methods in Hydrology .....	SP
FORS 4140/4140L. Introduction to Wetlands .....	SP even
FORS 4160/4160L Environmental Monitoring .....	F
FORS 4330/4330L Water Qual Mgmt Fish & Aquacul .....	F
FORS 4370/6370. Fish Physiology .....	F
GEOG 4370/4370L Geog Info Science (GIS) .....	Every
GEOG 4470/6470-4470L/6470L. Anal in GIS .....	F SP
GEOL 3150. Coastal Processes & Conservation .....	F odd

### MAJOR ELECTIVES/Special Requirements (18 hr)

**Non-EHS Major Electives (cont'd)**

GEOL 3220. Water Issues in Georgia .....	F
GEOL 4220 Hydrogeology .....	F
HPRB 3020. Intro to Health Promotion and Education .....	
HPRB 3700. Community Health .....	
HPRB 4450 Occupational Safety .....	SP
IDIS 4220 Pathogenic Bacteriology .....	F
MARS 3000. Coastal Zone and Marine Law .....	F
MARS 3450-3450L. Marine Biology .....	SP
MATH 2200. Analytic Geometry and Calculus .....	Every
MATH 2200L. Differential Calculus Laboratory .....	Every
PBIO 4670 Plant Molec Responses to the Environ .....	F
POUL 3000-3000L. Lab Exercises in Biomed Sciences .....	SP
POUL 4330 Basic Mycotoxicology .....	SP
SPCM 3320. Environmental Communication .....	SP
SPCM 4610 Health Communication .....	F
SOCI 3400 Environmental Sociology .....	F
TXMI 3550. Environment, Science, and Technology .....	F

**GENERAL ELECTIVES (5-6 hr)**

Area D Excess (1 hr)	-
Other electives (4-5 hr)	

Additional requirements:

<b>PHYSICAL EDUCATION (1 hr)</b>
PEDB _____ Physical Education Basic .....
<b>OTHER GRADUATION REQUIREMENTS</b>
EHSC Special requirements (2 courses) .....
Cultural Diversity .....
History .....
U.S. Constitution .....
Georgia Constitution .....
Regents' Test - Read (waived if SAT Verbal >510) .....
Regents' Test - Essay .....
ç 39 h in Upper division courses

**Area C - Humanities/Fine Arts (6 hours)**

Area C is satisfied by completing two of the following courses. Students may select one course from the Fine Arts list and one from the Humanities list, or students may select two courses from different departments in the Humanities list.

<b>Fine Arts</b>			
ARHI 2100	DANC 2010	DRAM 2130	MUSI 2060
ARTS 2000	DRAM 2000	MUSI 2020	MUSI 2080
ARTS 2050	DRAM 2120	MUSI 2040	
<b>Humanities</b>			
CLAS 1000	CMLT 2500	LING 2100	RELI(AFAM) 2005
CLAS 1010	EDES 2510	PHIL 1000	ROML 2550
CLAS 1020	EDES 2520	PHIL 1500	RUSS 2050
CLAS(LING) 2010	ENGL 2310	PHIL 2200	SPCM 1100
CMLT 2111	ENGL 2320	PHIL 2400	SPCM 1500
CMLT 2210	ENGL 2330	RELI 1001	Foreign language courses
CMLT 2212	ENGL 2340	RELI 1002	
CMLT 2220	ENGL 2400	RELI 1003	
CMLT 2400	ITAL 2500	RELI 2004	

**Area E - Social Sciences (12 hours)**

Students will select four courses from at least two departments from the list below: (Students who have not met the Georgia and U.S. Constitution requirement by examination should enroll in POLS 1101.)

(A passing grade on an examination on the history of the United States and Georgia is required to satisfy the United States and Georgia History Requirement for all persons receiving a baccalaureate degree from the University, unless exempted by one of the following courses: HIST 2111, HIST 2112. Examinations are given to freshmen during orientation and twice each semester by the History Department. Reexamination is permitted. Examination dates are announced in the Schedule of Classes.)

AAEC 2580	GEOG 1101	HIST 2302	PSYC 2100
AFAM 2000	GEOG 1103	HIST(AFST) 2501	SOCI 1101
ANTH 1102	GEOG 1125	HIST 2502	SOCI 2600
ANTH 2310	HIST 2051	HIST 2560	SOCI(AFAM) 2020
CLAS(ANTH) 2000	HIST(AFST) 2052	HIST 2601	SOCI(AFAM) 2820
ECON 2100	HIST 2111	HIST 2602	SPCM 1010
ECON 2105	HIST 2112	HIST 2701	WMST 1110-1110D
ECON 2106	HIST 2221	HIST 2702	WMST 2010
ECON 2200	HIST 2222	POLS 1101	
EDES 1500	HIST 2301	PSYC 1101	

**CULTURAL DIVERSITY** (see UGA bulletin for current list)