

**Major 1: SCHOOL OF PUBLIC HEALTH – ENVIRONMENTAL HEALTH SCIENCE  
(BSPH) – 120 hours**

<b>Name:</b>	<b>PID:</b>
Major 2 or Minor 1:	Minor 1 or Minor 2:

**FOUNDATIONS**

English Comp. and Rhetoric	Foreign Language* HSFL(s) _____	Quant. Reas. (QR)	Lifetime Fitness (LF)
A. Engl 101 _____	1. _____	3. _____	(1 hr.)
B. Engl 102 _____	2. _____	4. _____	

\* Through Level 3 unless placed into Level 4 of HSFL

(\*\*) Grade of C or better (not C-) required.

**APPROACHES**

Phys. and Life Sciences (PL)	Social and Behavioral Sciences	Humanities/Fine Arts
CHEM 101 _____ (**) 101L _____ (**)	Hist. Analysis (HS):	Vis. & Perf. Arts (VP):
BIOL 101 _____ (**) 101L _____ (**)	Soc. Sci (SS): ¥	Literary Arts (LA):
	Soc. Sci./Hist. Analysis (SS/HS): ¥	Phil. Reasoning (PH):

\*\* Grade of C or better (not C-) required.

¥, ENST201, ENVR585 suggested

**CONNECTIONS ##**

Communication Int. (CI)	Foreign Lang. Int. (FI)	Quant. Int. (QI) or 2 <sup>nd</sup> Quant. Reas. (QR)	Exp. Education (EE)
	N/A	MATH 232 or MATH 283 _____ (**)	
US Diversity (US)	North Atlantic World (NA)	World before 1750 (WB)	Beyond the NA (BN)
			Global Issues (GL)
			§

## Must satisfy GL, US, EE, and two additional Connections. § GEOG434 or GEOG445 suggested

**MAJOR**

Public Health Core	Environmental Health Science Core	Advanced ENVR or Related Courses	Prerequisites (Grade of C or better [not C-] required)	Required for Human Health Protection Emphasis	Electives (at least 3 electives outside SPH)
BIOS 600 [110] _____	ENVR 230 [080] _____	1. _____	CHEM 102/L _____	BIOL 205 _____	
ENVR 600 [101] _____	ENVR 698 (300) [095] (Sr. Yr.) _____	2. _____	PHYS 104 or 116 _____	CHEM 262/L _____	
EPID 600 [160] _____	ENVR 430 [130] _____	3. _____	BIOL 201 _____	CHEM 430 _____	
		4. [>400] _____	<b>Co-requisites</b>		
			MATH232 _____ Or MATH 283 _____		
	<b>Honors<sup>1</sup></b>	<b>Undergrad Research<sup>1</sup></b>	CHEM 261 _____	<b>Encouraged but not Required</b>	
	Honors Research (ENVR 691H) _____	ENVR 691 _____	COMP 116 _____	MATH233 recommended _____	
	Honors Thesis (ENVR 692H) _____		PHYS 105 or 117 _____	BIOL 252 _____	
			BIOL 202 _____		

<sup>1</sup> To pursue an Honors project a 3.2 GPA is required. Students not pursuing honors or with GPA < 3.2 may undertake a research project with faculty approval.

**Planning Notes:**

FALL	SPRING	SUMMER	FALL	SPRING

## ADVANCED ENVIRONMENTAL HEALTH ELECTIVES<sup>1</sup>

- ENVR 403 (110) Environmental Chemistry Processes (3)
- ENVR 411 (111) Field Measurements in Environmental Science and Engineering (3)
- ENVR 431 (131) Environmental Health Sciences Techniques (2)
- ENVR 461 (160) Environmental Systems Modeling (3)
- ENVR 470 (175) Environmental Risk Assessment (3)
- ENVR 585 (185) Environmental Management and Policy (3)
- ENST 480 (120) Environmental Decision Making (3)
- GEOG 434 (134) Cultural Ecology of Agriculture, Urbanization, and Disease (3)
- GEOG 445 (145) Medical Geography

### Recommended for those with a human health protection emphasis

- ENVR 421 (133) Environmental Health Microbiology (3)
- ENVR 422 (134) Air and Industrial Hygiene (4)
- ENVR 433 (138) Health Hazards of Industrial Operations (3)
- ENVR 471 (176) Quantitative Risk Assessment in Environmental Microbiology (3)
- BIOC 505 (105) Molecular Biology (3)

### Recommended for those with an environmental protection emphasis

- ENVR 401 (104) Unifying Concepts in Environmental Science and Engineering (3)
- ENVR 412 (112) Ecological Microbiology (3)
- ENVR 415 (115) Limnology (3)
- ENVR 417 (117) Oceanography (3)
- ENVR 418 (118) Chemical Oceanography (3)
- ENVR 419 (119) Water Chemistry (3)
- ENVR 520 (120) Biological Oceanography (4)
- ENST 450 (105) Biogeochemical Cycling (4)
- ENST 307 (107) Material and Energy Processes (3)

<sup>1</sup> Course number in parentheses was the course number prior to fall 2006.

Students pursuing research projects will want to be aware of the services from the office of Undergraduate Research including possible fellowships and scholarships <http://www.unc.edu/depts/our/index.html> .