

**PRE-FALL 2006 CURRICULUM - BACHELOR OF SCIENCE: PUBLIC HEALTH ENVIRONMENTAL HEALTH SCIENCE (120 HRS.)**

All information listed refers to previous curriculum. For your reference, some new course numbers in the current curriculum are listed [### = new/old]. For implications of the new curriculum, refer to the Undergraduate Curricula website <<http://www.unc.edu/depts/uc/>>

NAME \_\_\_\_\_

PID \_\_\_\_\_

ENGL.	F.L. (*) HSFL _____		MATH. (**)	NAT. SCI.	SOC. SCI. (****)	AESTHETIC	HISTORICAL	PHILOS.
101/11	1	3	Math 110/10	Biol 101&L/11&L	1	Lit.	<1700	1
102/12	2	4	Math 231/31	Chem 101&L/11&L (***)	2	F.A.	2	
(*) Through Level 3 unless placed into Level 4 of HSFL (**) Math 130/30 if required (***) C- or better required in Chem 101/11 and Lab (****) From two depts.				Phya1 ____ Phya2 ____	CI/Comm 09? _____ Diversity Requirement _____			
PUBLIC HEALTH MAJOR COURSES					REQUIRED PREREQUISITES		ELECTIVES (##)	
<u>Public Health Core Courses</u>			<u>Advanced Environmental Health Electives (# &gt;100)</u>		Chem 102&L/21&L _____			
BIOS 101 or 600/110 or STAT 355/101 (BIOS 600/110 preferred) _____					Chem 261/61 _____			
ENVR 100/51 _____					Chem 262&L/62&L (##) _____			
ENVR 230/80 _____					Chem 430/130 (##) _____			
ENVR 231/81 _____					Biol 201/54 _____			
ENVR 300/95 _____					Biol 202/50 _____			
ENVR 430/130 _____					Biol 205/52 (##) _____			
ENVR 450/150 _____					Math 232/32 _____			
EPID 600/160 _____					Phys 104/24 or 116/26 (###) _____			
					Phys 105/25 or 117/27 (###) _____			
					Comp 116/16 _____			
					(# ) See list on reverse.  (##) Elective courses <u>required</u> for <b>Human Health Protection</b> emphasis: BIOL 205/52, CHEM 262&L/62&L, CHEM 430/130.  (###) PHYS 116/26 and 177/27 preferred.			

CREDIT ADJUSTMENTS: TOTAL \_\_\_\_\_ [HSFL 1 \_\_\_\_\_; 2x Courses \_\_\_\_\_ ( )]

March 19, 2007

HOURS TRANSFERRED: \_\_\_\_\_

COMMENTS:

Note: If Math 110/10 and foreign language level 4 are required, these courses will be counted as Free Electives.

A sufficient number of Free Elective hours is required to bring the total number of academic hours passed to at least 120.

The necessary form to obtain approval from a CEP advisor for specific course selections associated with the concentration area may be obtained from the CEP Office of Student Affairs in Miller Hall. Each requires four courses, one of which must be at the **100**-level. One course may be ENVR **98** or 692H/98H or ENVR 295/99 or 691H/99H. Students must confirm with an ENST advisor that both the capstone course (ENVR 300/95) and research project (if elected) are appropriate to the concentration area. It is recommended that additional elective courses be taken in the concentration area; the CEP advisor can guide you in the selection.

## ADVANCED ENVIRONMENTAL HEALTH ELECTIVES

- ENVR 401/104 Unifying concepts in Environmental Science and Engineering (3)  
(Recommended for those with an environmental protection emphasis.)
- ENVR 403/110 Environmental Chemistry Processes (3)  
(Recommended for those with an environmental protection emphasis.)
- ENVR 411/111 Field Measurements in Environmental Science and Engineering (3)  
(Recommended for those with an environmental protection emphasis.  
Recommended for those with a human health protection emphasis)
- ENVR 412/112 Ecological Microbiology (3)
- ENVR 415/115 Limnology (3)  
(Recommended for those with an environmental protection emphasis.)
- ENVR 417/117 Oceanography (3)  
(Recommended for those with an environmental protection emphasis.)
- ENVR 418/118 Chemical Oceanography (3)  
(Recommended for those with an environmental protection emphasis.)
- ENVR 419/119 Water Chemistry (3)  
(Recommended for those with an environmental protection emphasis.)
- ENVR 520/120 Biological Oceanography (4)  
(Recommended for those with an environmental protection emphasis.)
- ENVR 431/131 Environmental Health Sciences Techniques (2)  
(Recommended for those with a human health protection emphasis)
- ENVR 442/132 Biochemical Toxicology (3)  
(Recommended for those with a human health protection emphasis)
- ENVR 421/133 Environmental Health Microbiology (3)  
(Recommended for those with a human health protection emphasis)
- ENVR 422/134 Air and Industrial Hygiene (4)  
(Recommended for those with a human health protection emphasis)
- ENVR 433/138 Health Hazards of Industrial Operations (3)
- ENVR 461/160 Environmental Systems Modeling (3)
- ENVR 470/175 Environmental Risk Assessment (3)
- ENVR 471/176 Quantitative Risk Assessment in Environmental Microbiology (3)  
(Recommended for those with a human health protection emphasis)
- ENVR 585/185 Environmental Management and Policy (3)
- BIOC 505/105 Molecular Biology (3)  
(Recommended for those with a human health protection emphasis)
- BIOC 643/117 Cell Structure, Function, and Growth Control I (2)  
(Recommended for those with a human health protection emphasis)
- BIOC 644/118 Cell Structure, Function, and Growth Control II (2)  
(Recommended for those with a human health protection emphasis)
- ENST 450/105 Biogeochemical Cycling (4)
- ENST 307/107 Material and Energy Processes (3)
- ENST 480/120 Environmental Decision Making (3)