

**CATALOG YEAR 2006-2007**

**(Please use separate form for each add/change)**

COLLEGE/SCHOOL : Arts and Sciences

Current Catalog Page(s) Affected \_\_\_\_\_ 286 \_\_\_\_\_

**Course:** ENSC 4420 Add: \_\_\_\_\_ Delete: \_\_\_\_\_  
(check all that apply) Change:  Number \_\_\_\_\_ Title \_\_\_\_\_ SCH \_\_\_\_\_  
Description  Prerequisite \_\_\_\_\_

If new, provide Course Prefix, Number, Title, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current catalog, copy and paste the text from the and indicate changes in red.

ENSC 4420 Environmental Microbiology. Four semester hours.  
An overview of the relationship between microbial metabolism, physiology, and the environment. The application of modern microbiological concepts to address and solve current environmental problems is emphasized. Topics include **air, water and soil microbiology**, geochemical activities of microbes, biotransformations, pollution, **and** pollution abatement using microbes. Prerequisite: BIOL 2421 or permission of instructor. **Laboratory** fee: \$30.00. (Cross-listed with BIOL 4420/5420)

Justification: The course description was too narrow as environmental microbiology deals with pollution of air, water, and soil, as well as in general with air, water and soil microbiology.

Approvals:	Signature	Date
Chair Department Curriculum Committee	_____	_____
Chair Department	_____	_____
Chair College Curriculum Committee	_____	_____
Dean	_____	_____