

## UNIVERSITY CORE CURRICULUM

### SECTION II. INTEGRATIVE STUDIES - INTERDISCIPLINARY

1. COURSE NUMBER: **GEOL 327i** SEMESTER HOURS: **3**  
  
COURSE TITLE: **The World's Oceans**  
Start Date: Fall 2005
2. COURSE FORMAT: Lecture (average 72) and discussion sections (average 24).
3. STUDENT LEARNING OBJECTIVES: Students will be able to: (a) learn a general understanding of the scientific method; (b) understand and appreciate the particular aspects of chemical, physical, and biological oceanography; (c) obtain an awareness of the importance of the world's ocean and its resources; and (d) gain exposure to technical writing and public speaking.
4. DETAILED COURSE DESCRIPTION: The World's ocean comprises up to 80% of the earth's surface. It plays a significant role in global climate, contains mineral resources and harbors a wealth of plant and animal life. "The World's Oceans," through the scientific method, will provide a greater understanding of the processes and components of the oceans and their importance to our every day life. The course will include lectures, discussion sections, readings and exercises from the text, laboratory exercises and short field excursions.
5. REQUIRED READING: T. Garrison, *Oceanography: An Invitation to Marine Science*, 5<sup>th</sup> edition.
6. COURSE REQUIREMENTS AND GRADING:
  - Midterm exam
  - Final exam
  - Participation in discussion sessions
  - Participation in debates
  - Term paper/project
7. ADVANCED UCC COURSE(S): None 12/1/04