Office of Academic Affairs  
Tarleton State University  
August 2004  
Master Course Syllabus

Department: Chemistry, Geosciences, and Environmental Science  
Course Prefix/Number: ENVS 5863  
Official Course Title: Environmental Problems

Master Syllabus Approved by Department on: __________/_______/_______  
month  date  year

I. Catalog Description  
Independent research under the supervision of an instructor. A formal report will be submitted to the instructor.

II. Prerequisites  
Prerequisite: Junior classification and approval of department head. Course prerequisites may be needed depending on the area of research.

III. Expanded Course Description  
The student will investigate a basic environmental research problem under the direct supervision of a faculty member. The student will be expected to spend time in the laboratory and the library and become familiar with the project background and research techniques appropriate to the project. The student will also be required to present research results in both written and oral formats.

IV. Intended Student Learning Outcomes  
  Knowledge outcomes  
  Upon completion of this course, the student will be able to demonstrate a satisfactory understanding of the principles involved in the specific research project in which he/she was involved and an understanding of the techniques utilized in the investigation.

  Skill outcomes  
  The student will be able to demonstrate mastery of environmental research techniques and methods utilized in the particular project. The student must also demonstrate the ability to communicate research results in both oral and written format.

  Value outcomes  
  Upon completion of this course students will:
  - gain an appreciation for what the scientific research method
  - understand the value of classroom training

V. Unless otherwise stipulated in this master syllabus by the department, the following items are subject to faculty discretion as described in each faculty member’s individual course outline/syllabus:  
  Course Requirements (grading/evaluation procedures; class attendance policy; term papers)  
  Required Text(s)  NA

Department Head Signature/Date:

______________________________    __________/ ____ /_______  
Signature        Date