I. **Catalog Description and Credit Hours:**

Exploration of the importance and effects of environmental leadership in establishing management strategies for national and international businesses. (3)

II. **Prerequisites:**

Admission to a graduate program in the sciences or business; required courses CH 181, or CH 185 and MA 134, or permission of instructor.

III. **Purposes or Objectives of Course:**

A. Defining environmental leadership and develop leadership skills for sustainable development.

B. Understanding environmental performance measures and coordination of economic concerns with environmental concerns.

C. Developing proactive business strategies that respond to environmentally driven threats and opportunities and complement environmental management requirements.

D. Developing an understanding of the usefulness of incorporating management information systems with environmental management plans.

E. Developing a knowledgebase of current international environmental issues and management options.

F. Understanding the relationship between risk assessment, job safety analysis and risk management.

G. Understanding the importance of environmental auditing and environmental reporting in relationship to public disclosure and accountability.
IV. **Expectations of Students:**

Students are expected to attend and participate in class activities, to satisfactorily complete out of class readings and assignments by established deadlines, to perform a research paper that addresses a topic associated with the impacts of environmental requirements on business strategies, to make a formal class presentation on their topic, and to show satisfactory performance on examinations.

V. **Course Content or Outline:** (Hours)

A. Introduction (2)
B. Regulatory Environment (2)
C. Political and Institutional Environment (5)
D. Environmental Performance Measurement (4)
E. Environmentally Driven Strategies (4)
F. Environmental Management Systems (4)
G. Management Information Systems (2)
H. Environmental Audit Programs (5)
I. Risk Assessment/Risk Communication (4)
J. Risk Management (2)
K. Environmental Reporting (2)
L. International Environmental Management (3)
M. Class Presentations (4)
N. Examinations (2)

TOTAL: 45

VI. **Textbook:**

VII. **Basis for Student Evaluation:**

A. Short paper Summaries (20%)

B. Examinations (40%)

C. Research Paper (15%)

D. Presentation (15%)

E. Corporate Survey (10%)

**TOTAL: 100%**

VIII. **Programs Serviced by This Course**

A. Graduate Business Programs

B. M.N.S.