

GE CRITERIA APPROVAL FORM

Course Number and Title: ESRM 100

Faculty Member(s) Proposing Course: Dr. Mark Zacharias

Indicate which of the following categories would be satisfied by this course by marking an “X” on the appropriate lines. Courses may be placed in up to two GE categories as appropriate. Upper Division Interdisciplinary GE courses may be placed in two categories plus the UDIGE category.

	A1: Oral Communication
	A2: English Writing
	A3: Critical Thinking
	B1: Physical Sciences
X	B2: Life Sciences
	B3: Mathematics
	B4: Computers and Technology
	C1: Fine Arts
	C2: Literature
	C3: Languages & Cultures
X	D: Social Perspectives
	E: Human Psychological & Physiological Perspectives
	Upper Division Interdisciplinary GE

Lab Included? Yes _____ No _____

Please provide a brief explanation of how the proposed course meets each of the criteria for the selected General Education categories.

B2: This course is fundamentally about the function and management of biological systems. While topics related to geology, earth science, and chemistry are discussed in the course they are addressed in context of human- environment relationships within primarily biological systems.

Topics addressed in this category include:

- biogeochemical cycles and nutrient cycling;
- principles of ecology and evolution;
- biomes and aquatic life zones;
- function of species, communities, and ecosystems;
- preserving biological diversity;
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- principles of conservation biology;
- growth in populations;
- effects of agricultural production on the environment;
- global climate change;
- sustainable management;
- ozone depletion; and
- natural resource management.

D: Topics addressed in this category include: societies' impact on the natural environments; environmental human health issues; world food supply; perspectives on natural resource conservation and management.