

GE CRITERIA APPROVAL FORM

Course Number and Title: BIOL 170 Life Science for Multiple Subject Teachers

Faculty Member(s) Proposing Course: Ching-Hua Wang

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
	D: Social Perspectives
	E: Human Psychological & Physiological Perspectives
	Upper Division Interdisciplinary GE

Lab Included? Yes ___X___ No _____

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

BIOL 170 is a valuable introduction to the principles and concepts that form the foundation of living systems. This course is specifically tailored to meet the needs of prospective Elementary School teachers and covers a broad spectrum of topics including introduction to scientific inquiry, physiology, cell biology, genetics, evolution and ecology. It presents scientific knowledge in a historical perspective and demonstrate the importance of science to the development of civilizations. The course uses the scientific method to study the origin, diversity and evolution of life, and builds skills in critical thinking.

Students who successfully complete this course will be able to:

- describe levels of organization and related functions in plants and animals
- identify the characteristics and basic needs of living organisms and ecosystems
- explain the processes of growth and development in individuals and populations
- design and critically assess the scientific investigations they perform
- evaluate student progress using guided inquiries
- demonstrate critical thinking skills

Hence we feel that this course meets each of the criteria in GE category B.