

GE CRITERIA APPROVAL FORM

Course Number and Title: BIOL 214. From Egg to Organism

Faculty Member(s) Proposing Course: Nancy Mozingo

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 214 is a biology course for non-majors that is designed to introduce students to developmental biology and some of the emerging issues associated with this field such as stem cell research, cloning and reproductive technologies. In this course, students will be introduced to scientific methods and reasoning which will enhance their ability to think clearly and logically. Students will gain experience in finding and critically examining information by reading scientific literature. The history and impact of biotechnology on humankind will be featured. Thus, this course meets the criteria for a category B2 course.

Students who successfully complete this course will be able to:

- Outline stages in the developmental of a human being
- Explain the process of cell division in both somatic and germ cells
- Describe the process by which embryonic stem cell lines are produced and their potential uses in curing disease.
- Explain how clones are produced and discuss the ethical consideration for cloning human beings
- Identify and interpret subject appropriate scientific literature