

## GE CRITERIA APPROVAL FORM

Course Number and Title:

BIOL 213. Sex, Germs and Diseases (3)

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
x	E: Human Psychological & Physiological Perspectives
	Upper Division Interdisciplinary GE

Lab Included? Yes \_\_\_\_\_ No X

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

BIOL 213 provides an introduction to biology of sexually transmitted diseases and their impact on society. It covers reproductive system, factors in the spread of diseases, biology and pathogenesis of infectious agents and sexually transmitted diseases caused by bacteria, viruses, fungi and protozoa. Topics also include impact of current biotechnology in relation to vaccine development, treatment and improved diagnostics of these diseases as well as challenges of these diseases to economy, public health system, individuals, and society at large. This is a lower-division course for students who are interested in this topic.

Students who successfully complete this course will be able to:

1. Describe the reproductive system of humans
2. Define factors in the spread of infectious diseases
3. Explain biology and pathogenesis of infectious agents that cause sexually transmitted diseases
4. Describe current biotechnology in relation to vaccine development, treatment and improved diagnostics of these diseases
5. Identify challenges of epidemics of sexually transmitted diseases to economy, public health system, individuals, and society at large

Hence we feel that this course meets each of the criteria in GE categories B2 and E.