

NEW COURSE PROPOSAL

PROGRAM AREA BIOLOGY

- 1. Catalog Description of the Course.** *[Include the course prefix, number, full title, and units. Provide a course narrative including prerequisites and corequisites. If any of the following apply, include in the description: Repeatability (May be repeated to a maximum of ___ units); time distribution (Lecture ___ hours, laboratory ___ hours); non-traditional grading system (Graded CR/NC, ABC/NC). Follow accepted catalog format.]*

BIOL 600 TEAM PROJECT (4)

Prerequisites: Program approval

In this course, students will work individually and in teams to analyze, research, discuss and report on subjects relevant to the biotechnology industry.

- 2. Mode of Instruction.**

	Units	Hours per Unit	Benchmark Enrollment
Lecture	_____	_____	_____
Seminar	_____	_____	_____
Laboratory	_____	_____	_____
Activity	<u>4</u>	<u>3</u>	<u>15</u>

- 3. Justification and Learning Objectives for the Course.** (Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements) *[Use as much space as necessary]*

BIOL 600 is a required course for students in the Professional Master of Science Degree Program in Bioinformatics.

Students who successfully complete this course will be able to:

- Work in cross-disciplinary teams to solve problems of interest to the biotechnology industry
- Identify topic appropriate research materials
- Synthesize information from a variety of sources
- Report on chosen topic in written and oral form

- 4. Is this a General Education Course** YES NO

If Yes, indicate GE category:

A (English Language, Communication, Critical Thinking)	
B (Life Sciences)	
C (Fine Arts, Literature, Languages & Cultures)	
D (Social Perspectives)	
E (Human Psychological and Physiological Perspectives)	

- 5. Course Content in Outline Form.** *[Be as brief as possible, but use as much space as necessary]*

Course content will be designed by students in consultation with faculty members and will vary from semester to semester.

- 6. References.** *[Provide 3 - 5 references on which this course is based and/or support it.]*

References will be selected by students in consultation with faculty members and will vary from semester to semester.

7. List Faculty Qualified to Teach This Course.

Biology Faculty

8. Frequency.

a. Projected semesters to be offered: Fall _____ Spring ____x____ Summer _____

9. New Resources Required.

- a. Computer (data processing), audio visual, broadcasting needs, other equipment
- b. Library needs
- c. Facility/space needs

10. Consultation.

Attach consultation sheet from all program areas, Library, and others (if necessary)

11. If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

____Nancy Mozingo____31 October 2003_____
Proposer of Course Date