

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 601 SEMINAR IN BIOTECHNOLOGY AND BIOINFORMATICS (1)

Discussion of up-to-date research and development findings with guest speakers, visiting scientists and industry professionals.

- 2. Mode of Instruction.**

	Units	Hours per Unit	Benchmark Enrollment
Lecture	_____	_____	_____
Seminar	<u>1</u>	<u>1</u>	<u>15</u>
Laboratory	_____	_____	_____
Activity	_____	_____	_____

- 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 601 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:

- Discuss up-to-date issues in the biotechnology field
- Formulate cogent questions related to biotechnology research
- Identify emerging fields of study in biotechnology

- 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 designed 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