CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

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.

<table>
<thead>
<tr>
<th>Hours per</th>
<th>Benchmark</th>
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<tbody>
<tr>
<td>Unit</td>
<td>Unit Enrollment</td>
</tr>
<tr>
<td>Lecture</td>
<td>_____</td>
</tr>
<tr>
<td>Seminar</td>
<td>1</td>
</tr>
<tr>
<td>Laboratory</td>
<td>_____</td>
</tr>
<tr>
<td>Activity</td>
<td>_____</td>
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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

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.]

NEWCRSFR 9/30/02
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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