



BIOL 199 - Independent Studies in Biology Course Outline

Approval Date: 12/12/2012

Effective Date: 08/11/2013

SECTION A

Unique ID Number CCC000440476

Discipline(s)

Division Science and Engineering

Subject Area Biology

Subject Code BIOL

Course Number 199

Course Title Independent Studies in Biology

TOP Code/SAM Code 0401.00 - Biology, General / E - Non-Occupational

Rationale for adding this course to the curriculum Change grading to P/NP and units to variable, prerequisites, no repeats

Units 1 – 3

Cross List N/A

Typical Course Weeks

Total Instructional Hours

Contact Hours

Lecture 0.00
to 0.00

Lab 54.00
to 162.00

Activity 0.00
to 0.00

Work Experience 0.00
to 0.00

Outside of Class Hours 0.00
to 0.00

Total Contact Hours 0.00
to 0.00

Total Student Hours 0.00
to 0.00

Open Entry/Open Exit No

Maximum Enrollment

Grading Option P/NP Only

Distance Education Mode of Instruction

SECTION B

General Education Information:

SECTION C

Course Description

Repeatability May be repeated 0 times

Catalog Description Study in an area of biology of special interest to the student. May include advanced studies and projects begun in other biology courses or biological studies not normally included in formal course work.

Schedule Description

SECTION D

Condition on Enrollment

1a. Prerequisite(s)

- Submission of a written proposal to be reviewed and approved by two regular biology faculty members.

1b. Corequisite(s): *None*

1c. Recommended: *None*

1d. Limitation on Enrollment: *None*

SECTION E

Course Outline Information

1. Student Learning Outcomes:

2. Course Objectives: Upon completion of this course, the student will be able to:

- A. Develop interest in an area by selecting and investigating a specific biological topic.
- B. Demonstrate knowledge gained about the selected topic and/or technical skill by consultation with the instructor.
- C.

3. Course Content

- A. Dependent on individual student interest and approved written proposal. For example:
 - a. Research paper on pollution problems within the Napa Valley.
 - b. Collection and identification of species within an ecological system (Bumpy Camp).
 - c. Development of Technical skills to prepare microscope slides.
 - d. Design and execution of relevant experiment or series of experiments demonstrating scientific method.
 - e. Prepare research paper of seminar on a physiological topic (specific disease or nutritional requirement).
 - f.

4. Methods of Instruction:

5. Methods of Evaluation: Describe the general types of evaluations for this course and provide at least two, specific examples.

Additional assessment information:

1. Demonstration of satisfactory work to be presented at weekly instructor-student consultation-depending on the selected topic.
2. Demonstration of completed study (or expected progress in study) at the end of the quarter.

P/NP Only

6. Assignments: State the general types of assignments for this course under the following categories and provide at least two specific examples for each section.

A. Reading Assignments

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B. Writing Assignments

Students will read the assigned texts, library materials, and scientific literature as assigned and agreed upon in the contract.

Students will write reports or take a written exam to complete the project as agreed upon in the specific contract.

C. Other Assignments

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7. Required Materials

A. EXAMPLES of typical college-level textbooks (for degree-applicable courses) or other print materials.

B. Other required materials/supplies.