

Anoka-Ramsey Community College

BIOL 2299: Independent Study

A. COURSE DESCRIPTION

Credits: 1,2,3,4

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Prerequisites: One biology course successfully completed with a grade of C or better and permission of the instructor

Designed to offer students the opportunity to do extensive reading or research on a specific topic in biology.

B. COURSE EFFECTIVE DATES: 06/01/1998 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Specific biological topic to be determined by instructor in consultation with the student
2. Scientific literacy:
 - a. Searching databases
 - b. Identification and retrieval of scientific literature
 - c. Critical evaluation of scientific literature
 - d. Preparation of oral and written works in professional scientific format

D. LEARNING OUTCOMES (General)

1. Propose and design a research project in a specific topic of biology
2. Search, read, and analyze the scientific literature addressing the project's biological topic/question of interest
3. Extract, synthesize, and discuss the most relevant scientific data on the project's biological field
4. Compare and contrast conflicting scientific data reported in the literature
5. Report, orally and in written form, the research/reading findings and literature analysis

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

Total classroom hours per week: Dependent on credit value; to be determined by instructor