



PimaCommunityCollege

INDEPENDENT RESEARCH

CRN: 31560 - BIO295 Summer 2003 (5/20 to 7/25) Time: TBA Location: TBA

Instructor: Dr. Ann Christensen **E-mail:** ann.christensen@pima.edu

Web site: <http://wc.pima.edu/~abn/>

Course Information

Prerequisite: One semester of a college-level biology, chemistry, math and admissions in to Arizona Biology Network program.

Textbook: The supervisor will probably suggest readings to familiarize the student with the research project.

Course Description: Experience in scientific laboratory or field research. Students present a poster presentation and submit a final scientific paper. Specific content to be determined by student and instructor.

Course Objectives: (1) To conduct independent biological laboratory or field research. (2) To demonstrate proper laboratory or field techniques in the research area selected. (3) To demonstrate accuracy and appropriate data collecting skills in research. (4) To write a scientific research paper based on data obtained during the research project.

Instructional Delivery: Students are expected to work 40 hours per week in the laboratory and on associated projects in the library. They may also spend part of these 40 hours in class, for one additional course that applies to their major.

Class Policies and Grading

Research Paper and Presentation: Students will submit a poster in PowerPoint and a final paper on their research experience. The format of the paper will be that which is typical for refereed journals in the discipline they have been studying. It is suggested that the supervisor review the paper before it is submitted for grading. The paper is due at a date to be determined by the instructor and the student at the time of registration for the course and should be submitted at the Division of Math, Science and Technology. The supervisor will complete a short form to evaluate the student and the course.

Lab Safety: Students are expected to comply with regulations pertaining to lab safety.

Grading System: 90 -100% = A, 80 - 89% = B, 70 - 79% = c, 60 - 69% = D, < 60% = F, incomplete = I.

Incomplete (I): If, for a reason that is acceptable to the instructor, the final paper is not turned in, incomplete "I" will be the grade until the class is completed. If it is not completed within a year, the grade will be changed to an "F". College policy does not permit substitution of incomplete grade for substandard performance.

Department/College Policies

ADA Statement: Pima Community College strives to comply with the provisions of the Americans with Disabilities Act and Section 504 of the Rehabilitation Act. Students with disabilities who require special accommodations must notify the instructor of this need or directly contact the Disabled Student Resources Office on your campus at the beginning of the semester. Accommodations can not be made without verification of need.