

Fayetteville State University
College of Arts and Sciences
Department of Biological Sciences
BIOL 620-01, Seminar
Fall/2011

I. Locator Information:

Instructor: Dr. Erin N. White

Office Location: LS 230/Hackley
219

Course #: BIOL 620-01

Office hours: M/W 11:00 am -
12:30 pm;
2:00 pm - 3 pm; T 9:00 am -
10:30 am

Name: Seminar

Semester Credit Hours: 1

Office Phone: (910) 672-1128

Lecture: T 4:00 pm - 4:50 pm (LS 113)

Total Contact Hours: 1hr/week

Email address: ewhite@uncfsu.edu

FSU Policy on Electronic Mail: Fayetteville State University provides to each student, free of charge, an electronic mail account that is easily accessible via the Internet. The university has established email as the primary mode of communicating with enrolled students about impending deadlines, upcoming events, and other information important to student progression at the university. Students are responsible for reading their email on a regular basis to remain aware of important information disseminated by the university. The university maintains open-use computer laboratories throughout the campus that can be used to access electronic mail.

Students making inquiries via email to FSU faculty and staff about academic records, grades, bills, financial aid, and other matters of a confidential nature are required to use their FSU email account.

Rules and regulations governing the use of FSU email may be found at:
<http://www.uncfsu.edu/PDFs/EmailPolicyFinal.pdf>

II. COURSE DESCRIPTIONS:

This seminar course is designed to provide the fundamental concepts of the following major points.

- a) Review of literature
- b) To get an experience of writing review of a selected research topic
- c) The presentation of a compile review of a research topic
- d) To write a mini grant proposal based on the NIH guideline

III. DISABLED STUDENTS SERVICES:

In accordance with Section 504 of the 1973 Rehabilitation Act and the Americans with Disabilities Act (ACA) of 1990, if you have a disability or think you have a disability to please contact the Center for Personal Development in the Spaulding Building, Room 155 (1st Floor); 910-672-1203.

IV. STUDENT LEARNING OUTCOMES:

Upon completion of this course, students should be able to write a review on a research topic and will have the experience how to submit a proposal to the funding agencies.

V. GRADING SCALE:

The point system below is based on the grading system outlined in the FSU graduate catalog.

90% and above	= A
79% - 89%	= B
64% - 78%	= C
63% and below	= F

VI. TEACHING STRATEGIES:

This seminar course will be divided into two parts.

1. A research topic will be given to the students. After reviewing the literature, they will write a review and present their review.
2. A biochemical problem will be given. After reviewing the literature that related to the problem, students will submit a mini grant proposal following the NIH guideline.

VII. BIBLIOGRAPHY:

Students are encouraged to review each current issue and read appropriate articles in the following journals, also available in the C. W. Chesnut Library:

Annual Review of Biochemistry, Biochemistry, Bioessays, Cell, Journal of Cell Biology, Journal of Molecular Biology, Nature, Science, Scientific American, Trends in Biological Sciences (TIBS), Trends in Genetics (TIGS). Several online journals are also available in the library and free on the web. For free journal article listings, check <http://highwire.stanford.edu/lists/freeart.dtl>. Students are also encouraged to make full use of the internet resources, including Medline which is available through the Chesnut Library's Pubmed system or through the NIH/NLM website at www.ncbi.nlm.nih.gov.