Summer 2014 Biomedical Science Internship BIO 442-C
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PLEASE CHECK YOUR MC EMAIL FREQUENTLY

General Course Information:

Credit: 1 hour
Time: TBA
Prerequisite: Permission of mentor, coordinator, advisor, and department chair.
Purpose: This course is intended for students performing research and other duties at facilities or institutions that will not be granting transfer credit for the research experience.

Catalog Course Description:

BIO 442 - Special Topics: Credits, 1 sem. hr. *Prerequisite(s): three semesters of biology and instructor's consent.* Lecture/Lab/Field/Meeting: One hour per week of integrated lecture, laboratory, and field experience. Selected topics in field biology or natural history.

Rationale for Course:

The mission of the College stipulates that courses should be provided to help live balanced, satisfying and meaningful lives. A requisite to the preceding is an understanding of basic biological functions and this includes biology at the molecular and cellular levels. This course explores the world of biomedical science. It is hoped that students who complete this course and a degree in the biological sciences will ultimately utilize their skills, talents and abilities in service to God and humanity as teachers, professors, physicians, dentists, researchers, and other biological-related professions. This course clearly meets the core curriculum requirement that students study and learn about the natural world.

Topics covered:

The course may include a combination of scientific readings, laboratory experiments, observational skills, and technical skills in a biomedical setting.

Learning Objectives:

Biomedical techniques will be utilized to facilitate the students' understanding of biological structure and function. At the completion of the course, the student will be able to understand common biomedical techniques and understand the basis of procedures relative to the design and nature of the internship.

Methods of Instruction:

Methods of instruction may include, but are not limited to experimental design, outside readings, solving research-based problems, laboratory methods, and other activities deemed appropriate by the mentor.

Academic Integrity Statement:

Mississippi College students should display academic integrity in all situations. Honesty is expected from all students at all times. Dishonesty, such as cheating, plagiarism, and falsifying information, is a serious offense and is subject to severe penalty. Adherence to the Mississippi College "Honesty Policy" (Mississippi College Undergraduate Bulletin) will be followed.

Attendance and Grading Policies:

Semester hour credit for research experiences are based on the number of clock hours spent doing research during the semester in which credit is awarded. Therefore, attendance directly affects the number of clock hours and your grade. This course requires a minimum of 53 clock hours for 1 semester hour credit.

Tentative Class Schedule and Textbooks Required:

Class schedule varies according to needs of mentor. The mentor will provide materials.

Grading:
A letter stating the student has satisfactorily completed at least 53 hours of internship letter must be received by the coordinator by July 28, 2014 at 5 PM. The number of clock hours completed will be multiplied by a factor of 1.887 to determine the final grade.
Undergraduate Grading Scale: 90-100% = A, 80-89% = B, 70-79% = C, 60-69% = D, and <60% = F.
Examples:

35 clock hours completed: 35(1.887) = 66; Final Grade = D
53 clock hours completed: 50(1.887) = 100; Final Grade = A

Special accommodations at Student Counseling Services:
In order for a student to receive disability accommodations under Section 504 of the Americans with Disabilities Act, he or she must schedule an individual meeting with the Director of Student Counseling Services immediately upon recognition of their disability (if their disability is known they must come in before the semester begins or make an appointment immediately upon receipt of their syllabi for the new semester). The student must bring with them written documentation from a medical physician and/or licensed clinician that verifies their disability. If the student has received prior accommodations, they must bring written documentation of those accommodations (example Individualized Education Plan from the school system). Documentation must be current (within 3 years). The student must meet with SCS face-to face and attend two (2) additional follow up meetings (one mid semester before or after midterm examinations and the last one at the end of the semester). Please note that the student may also schedule additional meetings as needed for support through SCS as they work with their professor throughout the semester. Note: Students must come in each semester to complete their Individualized Accommodation Plan (example: MC student completes fall semester IAP plan and even if student is a continuing student for the spring semester they must come in again to complete their spring semester IAP plan). Student Counseling Services is located in Alumni Hall Room #4 or they may be contacted via email at: mbryant@mc.edu or rward@mc.edu or by phone at 601-925-7791.

Important college dates:
May 26, Monday - Memorial Day Holiday: Offices Closed; No Day or Night Classes
May 26, Monday, 2:00 pm: Residence Halls Open
May 27, Tuesday: Day and Evening Classes Begin
May 29, Thursday: Last Day to Drop with a 100% Tuition Only Refund, Register or Add 10 Week Course
June 4, Wednesday - 6:00 pm: Writing Proficiency Exam
June 6, Friday: Priority Deadline for ALL Degree Applications for August 2014 Graduation
June 20, Friday: LAST DAY TO DROP 10-WEEK COURSE
June 20, Friday: Participation Deadline for ALL Degree Applications for August 2014 Graduation
July 4, Friday, Independence Day Holiday: Offices Closed, No Day or Night Classes
July 31, Thursday: Last Day of 10-Week Classes and Final Exams for 10 Week Session Classes

Important Facts:

- Correspondence with the coordinator will be through MC email. **The coordinator may provide updates, clarifications, or schedule changes to the syllabus if needed through MC email. Students are responsible for following instructions received in this manner, so check your MC email regularly**.
- Positions are not guaranteed. It is the student's responsibility to secure a position with a mentor prior to registering for credit.
- Students cannot receive credit for work done during a previous semester or for work that will be completed in a future semester.
- Credit will not be given for work completed until verification of satisfactory completion is received from the student's mentor (or a representative of the mentor).
- Required documentation of your research experience is due at the completion of the semester by **5 PM on July 28, 2014**.