NEW COURSES AND CANCELLATIONS

NEW COURSES

Bio 402 (Bioinformatics): This course will be an interactive workshop with lecture and in class computer activities to introduce students to the field of bioinformatics. The course will introduce students to bioinformatics tools being used in the analysis of DNA, protein, and cellular activities. Students will learn how to apply bioinformatic analyses to develop testable hypotheses for new research avenues. Prerequisite: Genetics (BIO 238), Biological Chemistry (BIO 400 or CHE 446), and Molecular Biology (BIO 420). See next page for more information on this course.

Bio 350 (Immunology): This course will focus on the comprehension, application, and synthesis of important immunology concepts. This course is an introductory course that which will examine both normal and disease states of the immune system. The course will use current and traditional research techniques in the lab to emphasize what is learned in the lecture.

Bio 256 (The Evolution of Female and Male Behavioral Preferences): This course will critically evaluate Darwin's theory of sexual selection as it applies to humans, we will examine whether many female-typical and male-typical behaviors are partly controlled by the genes. The course will first review Darwin's theory of evolution by natural selection as well as the associated theory of sexual selection, which describes the evolution of female/male mating strategies and the different types of evidence used to evaluate genetic contributions to human behavior. Sexual selection theory will be examined to determine if it adequately describes female/male differences in mating strategies, parental care, jealousy, aggression, and other behaviors. Finally the moral implications of genetic control over human behaviors will be explored. Pre-requisite: BIO 166/167

CANCELLATIONS

- Bio 336: Marine Biology
- Bio 2680: Introduction to Ethnobotany
MINING DNA WITH COMPUTERS:
Learn how to use tools that biologists are using for new discoveries in medicine and basic research

BIO402- BIOINFORMATICS
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Meeting time: TUES, 4-6:40 PM in SC2107

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NEW COURSE
LIMITED ENROLLMENT:
SIGN UP TO SAVE A SEAT IN THE CLASS!