DEPARTMENT: Biostatistics and Bioinformatics
COURSE NUMBER: 501L     SECTION NUMBER: 001     SEMESTER: Winter
CREDIT HOURS: 1
COURSE TITLE: Statistical Methods I Lab

INSTRUCTOR NAME: Vary By Year

COORDINATOR CONTACT INFORMATION
EMAIL: pweiss2@sph.emory.edu
PHONE: (404) 712-9641
SCHOOL ADDRESS OR MAILBOX LOCATION: GCR 308
OFFICE HOURS: Instructor Office Hours Vary by Year

BRIEF COURSE DESCRIPTION
A continuation of the BIOS 500 Lab. Students learn SAS programming for the statistical methods covered in BIOS 501.

LIST SCHOOL LEVEL, DEPARTMENT, AND/ OR PROGRAM COMPETENCIES
(School, Department)
Use analytic reasoning and quantitative methods to address questions in public health and population-based research
Develop the capacity for lifelong learning in public health

ACADEMIC HONOR CODE
The RSPH requires that all material submitted by a student in fulfilling his or her academic course of study must be the original work of the student.
LIST LEARNING OBJECTIVES ASSOCIATED WITH THE COMPETENCIES

Students in the lab component for BIOS 501 will apply the statistical methods covered in the lecture directly to real datasets using SAS. Modeling strategies and data management / SAS programming will be covered in more depth in this session, with particular focus on modeling methods and preparing data for SAS modeling procedures (indicator variables, data cleaning, outlier detection, etc.).

EVALUATION

Evaluation of students is based on weekly homework assignments. Grades are assigned based on a straight scale.