

BIostatISTICS (STAT 2023) SYLLABUS, Fall 2013

IT IS YOUR RESPONSIBILITY TO READ THIS SYLLABUS

COURSE: STAT 2023 (Biostatistics)

TEXTBOOK: An Introduction to Biostatistics, Glover & Mitchell, 2nd Edition

PREREQUISITE: MATH 2554 (Calculus I)

***COREQUISITE:** STAT 2023 – Lab Component (L001 – L006)

INSTRUCTOR: Samantha Robinson, SCEN 325

EMAIL ADDRESS: sewrob@uark.edu

OFFICE HOURS: TBA

LAB INSTRUCTOR: Michael Tinker, SCEN 415

EMAIL ADDRESS: mtinker@uark.edu

COURSE DESCRIPTION:

This course is an introductory course in biostatistics emphasizing methods for collecting, graphing, examining, and interpreting data. The components of the course (lecture and lab) will provide both the theoretical framework for and the analytical tools for performing data analysis. Special emphasis will be placed upon using available statistical methods for both exploratory and confirmatory data analysis.

CLASS STRUCTURE & LAB COMPONENT:

Class will meet for lecture for 50 minutes three days each week (MWF) and meet for a lab component one day each week (T or Th). You are expected to attend and participate in every class lecture and lab for the entire allotted time period. Homework will be periodically assigned in lecture and should be used to monitor individual progress and prepare for exams. If you must miss a lecture class, it is **your** responsibility to check for any information that you may have missed.

Lab sessions will be held in SCEN 320 one day each week. SAS software will be utilized. This software is available on the computers in SCEN 320, on all of the computers in the general access labs, and through vLab. Your lab instructor will provide a separate 'syllabus' for the lab component of this course describing how you will be evaluated. The lab instructor may have various assignments (homeworks and/or quizzes) in class and/or outside of class that will count toward your overall grade in this course (STAT 2023). If you miss a graded activity, it cannot be made up. In addition, if you must miss a class, it is **your** responsibility to check for any information that you may have missed including (but not limited to): announcements, due dates for course work, and information regarding anything that your lab instructor may have assigned. Please contact the lab instructor for this information and/or refer to the lab syllabus.

GRADING:

The grade for this course will be based upon the results of two (2) closed-book in class exams, one comprehensive final exam, and a single grade for the lab component of the course.

Exams will be announced at least one week prior to the examination day. These exams **may** also include a paper-based or take-home exam portion in addition to the in class exam.

Exam Dates:

Tentatively, Exam 1 will be Monday, September 30 and Exam 2 will be Monday, November 18. The final exam **will be** on Saturday, December 14 from 10:15am – 12:15am (**no exceptions**).

Make-up Exam Policy:

There will be **no** individual make-up exams! Make-up exams will only be given at the end of the semester. In addition, you may only make-up one (1) exam and **only** if you can provide written justification for the missed exam. If you miss one of the first two exams, you will be allowed to take a comprehensive makeup on dead day. Taking a make-up exam at the end of the semester will be more difficult than taking the regularly scheduled exam.

The final grade is based on the following percentage scale:

A = 90 – 100%; B = 80 – 89%; C = 70 – 79%; D = 60 – 69%; F = 0 – 59%

ACADEMIC HONESTY POLICY:

“As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail.”

“Each University of Arkansas student is required to be familiar with and abide by the University’s ‘Academic Integrity Policy’ which may be found at <http://provost.uark.edu/>. Students with questions about how these policies apply to a particular course or assignment should immediately contact their instructor.”

ACCOMODATIONS:

Under University policy and federal and state law, students with documented disabilities are entitled to reasonable accommodations to ensure the student has an equal opportunity to perform in class. If any member of the class has such a disability and needs special academic accommodations, please report to Center for Educational Access (CEA). Reasonable accommodations may be arranged after CEA has verified your disability. You must submit your paperwork to your instructor as soon as possible. This must be done before you take an online quiz/exam. Do not hesitate to contact your instructor if any assistance is needed in this process.

INCLEMENT WEATHER POLICY:

In the event of inclement weather the instructor will make every effort to hold class. If you feel that your situation for attending class is too risky, then contact your instructor or lab instructor by email, if possible. If the university is officially closed, then class is canceled. Your instructor will notify you of any changes or class cancellations via email.

NOTE: WE RESERVE THE RIGHT TO MAKE CHANGES TO THE SYLLABUS DURING THE SEMESTER. IF CHANGES ARE MADE, YOU WILL BE NOTIFIED OF THE CHANGES IN CLASS OR CHANGES WILL BE SENT TO YOUR UNIVERSITY EMAIL ADDRESS. IT IS YOUR RESPONSIBILITY TO CHECK YOUR **UNIVERSITY** EMAIL REGULARLY.