Instructor: Courtney Davis. I can be reached by email at davis@math.utah.edu or at my office in LCB 306. My office hours are Monday 10:30-11:30 and Thurs 2-3 but you can always email me or make an appointment for other times.

Lab TA: Elisha Hughes. She can be reached by email at hughes@math.utah.edu or at her office in JWB 306.

Textbook: *Modeling the Dynamics of Life* by Frederick R. Adler (Second Edition)

Course: This course is designed to teach you some basics of (autonomous) differential equations, probability, and statistics while targeting the material and examples to information necessary to life sciences. The course will cover chapters 5-8. You are expected to read each section that is covered.

Exams: Four exams (50 minutes) will be given, plus a final comprehensive exam. (See the last page of this syllabus for the dates.) The lowest exam grade will be dropped, but it is highly advisable that you take all exams. Since an exam grade is dropped, no make-up exams will be given except in extraordinary circumstances. (You must provide verifiable and convincing evidence that you have a significant illness or serious family crisis that prevents you from attending. Also, advanced warning of such an absence must be given if possible.)

Labs: Math is best learned through practice, and there is a great emphasis in this course on doing problems – through the labs and the homework assignments. Information pertaining to the labs and lab write-ups will be given during the lab sections. Your lowest lab grade will be dropped, but it is highly recommended that you complete all labs. There will be no labs the week of an exam.

Homework: A few homework problems will be given for each section but it is highly recommended that you complete more problems than those assigned until you sufficiently understand the material. Homework will be due every Monday, unless you are told otherwise in class. (Sufficient prior notice will always be given.) The homework should be turned in during class whenever possible. However, homework turned in by 4 pm to my office (LCB 306) on the day it is due will not be counted as late. Homework turned in after 4 pm will be subject to the 10% late penalty. 10% will be deducted from your grade for each day the assignment is late. Homework more than one week late will not be accepted. Your lowest two homework grades will be dropped, but it is highly recommended that you do every assignment. (Please note: the 4 pm deadline will be strictly adhered to this semester!)

Final Exam: The final exam will be comprehensive. It will take place on Tuesday, May 1 from 8:00-10:00 a.m.

Grading Policy: The grade will be based on the following:

3 Exams: 15% each (45% total) (4 exams will be given, with the lowest dropped.)
Final Exam: 20%
Labs: 20%
Homework: 15%

Cheating: Just don’t do it. Students suspected of cheating during exams may be asked to change seats during the exam. Students caught cheating will at minimum receive a zero for the assignment, and further action may be taken if necessary.
ADA Statement: The Americans with Disabilities Act requires that reasonable accommodations be provided for students with physical, cognitive, systemic learning, and psychiatric disabilities. Students need to contact the instructor at the beginning of the semester to discuss any such accommodations that they may require for this course.

Withdrawals: The last day to withdraw from a class is March 2.

Tutoring: The Rushing Math Center offers free drop-in tutoring, a computer lab, and study areas for undergraduates. The Rushing Student Center is adjacent to the LCB and JWB (on the first floor of each). The hours for the fall semester are 8 am - 8 pm Monday thru Thursday and 8 am – 6 pm on Friday. If you would like additional tutoring, the ASUU Tutoring Center, 330 SSB, offers inexpensive private tutoring ($6 an hour). A list of private tutors is also available from the math department office or the desk in the tutoring center.

A Final Note: The best way to learn math is to practice it. If you have trouble with any of the concepts or the problems, talk to me, talk to the lab TA, or go to the tutoring center. Since ideas will build on each other throughout the semester, it is best to seek help as soon as possible.

Important Dates:
- Mon 1/8: Classes start
- Mon 1/15: No class (MLK Day)
- Fri 2/2: Exam 1
- Mon 2/19: No class (Presidents’ Day)
- Fri 2/23: Exam 2
- Fri 3/16: Exam 3
- Mon 3/19 – Fri 3/23: No class (Spring Break)
- Fri 4/13: Exam 4
- Wed 4/25: Last day of class
- Tues 5/1: Final Exam, 8:00-10:00 am