

# MA290B: Calculus for the Life Sciences

Fall 2008

**Required Textbook:** *Calculus for the Life Sciences*, by Marvin L. Bittinger, Neal Brand, & John Quintanilla, 2006.

**Prerequisite:** Consent of the undergraduate advisor.

**Course description:** This course provides a solid, practical, working knowledge of calculus and its applications to various scientific and technical fields. It will prepare students for further study in life sciences and other disciplines.

**Calculator:** A calculator with logarithm and exponential functions is required for homework, but no calculator will be permitted for quizzes or tests.

**Homework:** Homework will be collected weekly. No late homework will be accepted except with special permission. The lowest two homework scores will be dropped. Each written assignment must be on 8 1/2x11 paper, and stapled with your name appearing on each page. It is important to be as neat, succinct and accurate as possible in your presentation of each problem. The grade for each assignment will be based on completeness and accuracy.

**Quizzes:** There will be bimonthly quizzes on Friday. No quiz on the week of midterm exams. The lowest quiz score will be dropped.

**Midterm exams:** There will be 3 exams. The tentative schedule is:

Exam 1: In-class, Wednesday, September 24<sup>th</sup>

Exam 2: Evening 6:30-7:30pm, RHPH 172, Thursday, October 23<sup>rd</sup>

Exam 3: In-class, Friday, November 21<sup>th</sup>

**Final exam:** The final exam will be a comprehensive, 2 hours multiple choice test. It will be scheduled during the regular final examination period.

**Grading:** The grades will be determined as follows:

Homework/Quiz	100 pts.
3 midterm exam	300 pts
Final exam	200 pts
-----	
Total:	600pts

**Make-Up Policies for Exams/Quizzes:** It is very important that you take all examinations at the scheduled times. Alternative exams/quizzes will be scheduled only for those with university approved excuses and appropriate documentation. **Please contact me as soon as possible if you have a known conflict.**

**Students with Disabilities:**

Students who have been certified by the Office of the Dean of Students-Adaptive Programs as eligible for academic adjustments should go to MATH 242 with a copy with their certification letter and request an Information Sheet for this semester, that explains how to proceed this semester to get these adjustments made in Mathematics courses. This should be done during the first week of classes. Only students who have been certified by the ODOS-Adaptive programs and who have requested ODOS to send their certification letter to their instructor are eligible for academic adjustments. Students who are currently undergoing an evaluation process to determine whether they are eligible for academic adjustments, are encouraged to find out now what procedures they will have to follow when they are certified, by requesting the above mentioned Information Sheet from MATH 242. Large print versions of the Information Sheet are available in MATH 242 upon request.