
Prerequisites. A grade of C- or above in Math 36a, or permission of the instructor. You will also need knowledge of Math 20a, Multivariable Calculus.

Exams. There will be one midterm exam and a final exam.

- Midterm Exam: Wednesday, 3/13; in class.
- Final Exam: TBD, the block assigned to our class by the registrar.

The midterm exam will be held during the usual course time and in the usual location. The final exam will be held during the registrar’s scheduled time/location for our block.

Grades. Your grade in the course will be based on the following:

1. Homework (15% of your grade)
   - Homework assignments will be collected once a week.
   - **No late homework will be accepted**, but your two lowest homework grades will be dropped.
   - We encourage you to discuss homework problems with your classmates, but you must write up your own solutions. **You may not use any solution manuals.**

2. Quizzes (15% of your grade)
   - Short quizzes will be given regularly.
   - Missed quizzes count as zeroes. However, the lowest 25% of your quiz grades will be dropped.

3. Midterm exam (30% of your grade)
4. Final exam (40% of your grade)

Calculators. You should have access to a scientific calculator (an online one is OK). Calculators are not allowed during exams or quizzes. You do not need a graphing calculator.

LATTE. All course materials for Math 36b will be available online on LATTE. Log in at [http://latte.brandeis.edu](http://latte.brandeis.edu) using your Unet username and password.

Office hours. You are encouraged to my office hours whenever you have questions about the course material. If you can’t attend office hours, don’t hesitate to ask for an appointment at another time.
Four-Credit Course (with three hours of class time each week). Success in this 4 credit hour course is based on the expectation that students will spend a minimum of 9 hours of study time per week in preparation for class (readings, papers, discussion sections, preparation for exams, etc).

Students with disabilities. If you are a student who needs academic accommodations because of a documented disability please present your letter of accommodation as soon as possible. If you have questions about documenting a disability or requesting academic accommodations you should contact Beth Rodgers-Kay in the Office of Academic Services at 63470 or at brodgers@brandeis.edu. Letters of accommodations should be presented at the start of the semester to ensure provision of accommodations. Accommodations cannot be granted retroactively.

Academic Integrity. You are expected to follow the University’s policy on academic integrity, which is distributed annually as Section 4 of the Rights and Responsibilities Handbook (see http://www.brandeis.edu/studentaffairs/srs/rr/index.html). Instances of alleged dishonesty will be forwarded to the Department of Student Development and Conduct for possible referral to the Student Judicial System. Potential sanctions include failure in the course and suspension from the University. If you have any questions about how these policies apply to your conduct in this course, please ask.

Learning Goals for Math 36b. In this course we will review common probability distributions, learn how to estimate the parameters of such distributions given collected data, learn about the null hypothesis and hypothesis testing, study data analysis, goodness-of-fit tests, simple linear regression, and ANOVA. We will also make some (limited) use of Python in the course, to help analyze real world data. This is an extremely valuable skill in and of itself.