

Math 3B - Fall 2016: Syllabus

Noah White

Location and time

Lecture: Monday, Wednesday, Friday; 2-2:50pm, Rolfe Room 1200

Discussion: Tuesday, Thursday; 2-2:50pm

Instructor and TAs

Instructor Noah White (noah@math.ucla.edu)

Office hours MS 6304, Monday 3:30-5pm, Thursday 9-10:30am.

TA Kyung Ha (kyungha@math.ucla.edu)

Office hours TBA, Tuesday 4-5pm.

Robert Housden (rhousden@math.ucla.edu)

MS 3915B, Tuesday 3-4pm.

Dustan Levenstein (dustanl@math.ucla.edu)

MS 3965, Thursday 3-4pm.

Textbook

S. J. Schreiber, *Calculus for the Life Sciences*, Wiley.

Problem sets, homework, and quizzes

There will be a problem set assigned every week. Most of these will not be collected however it is strongly recommended that you complete it.

Every second week (as indicated in the class schedule below) a small number (typically two) questions from the problem set will be assigned as homework and collected and graded. There will be five homework assignments.

In weeks where no homework is collected a short quiz will be conducted in the discussion sessions. Questions on the quiz will be drawn from the problem set (or will be very similar to one of these questions). The lowest 2 scores out of all homeworks and quizzes will be dropped. The homework and quizzes will count for a total of 15% of your grade.

Collection of, and late homework

Homework will be collected at the start of the lecture on the due date as indicated in the class schedule below. Late homework will not be accepted. In extenuating circumstances you are able to email your homework however this must be arranged prior to the due date and time with the instructor.

Collaboration on homework

Collaboration in small groups (< 5 people) on homework is encouraged! All homework must be written up individually in your own words, i.e. you are allowed to share and discuss ideas and methods for solving the homework questions but the presentation of your solution must be your own, you may not copy someone else's solution word for word. All collaborators must be acknowledged at the top of your homework, e.g. *"For this assignment I collaborated with: Humphrey B. Bear, Blinky Bill and Ferry Boat Fred"*.

Failure to adhere to these rules for collaboration will be treated as academic dishonesty/cheating.

Exams

There will be two midterms and a final exam. The date and time of each exam and not flexible and there will be no make-up exams.

Midterm 1: 2-2:50pm Monday, 17 October, 2016

Midterm 2: 2-2:50pm Monday, 21 November, 2016

Final Exam: 3-6pm Monday, 5 December, 2016

Cheatsheets: For each exam, students may bring a cheat sheet. Each student must prepare their own handwritten cheat sheet. For the midterms, the cheat sheet may consist of one side of half a standard (A4 or letter) sheet of paper (i.e. A5 or letter folded in half lengthways). For the final, the cheat sheet may consist of one side of a standard sheet of paper. Cheatsheets that do not meet these requirements will be confiscated at the beginning of the exam.

Questions about grades

If you have a question about the grade assigned to one of your homework assignments, quizzes or exams please make the instructor aware of your query as soon as possible. Grades will only be able to be changed within 14 days of when the piece of work was handed back or in the case of exams, 14 days from the date of the exam.

Grading

Your final grade will be calculated using the maximum of the following two grading schemes.

$$15\% \text{ (best 7 quizzes/homework)} + 40\% \text{ (combined midterms)} + 45\% \text{ (final)}$$

or

$$15\% \text{ (best 7 quizzes and homework)} + 30\% \text{ (best midterm)} + 55\% \text{ (final)}$$

Class schedule

This is a tentative schedule. Apart from the dates of exams, it may change. Numbers refer to sections of the textbook.

	Dates	Monday	Tuesday	Wednesday	Thursday	Friday
0	9/19-23	No classes				<i>Intro/4.1</i>
1	9/26-30	<i>4.1</i>	Quiz 1	<i>4.2</i>	Quiz 1	<i>4.3-4.4</i>
2	10/3-7	<i>Review</i>		<i>5.1</i>		HW 1 due/ <i>5.2</i>
3	10/10-14	<i>5.2 (cont.)</i>	Quiz 2	<i>5.3</i>	Quiz 2	<i>Review</i>
4	10/17-21	Midterm 1		<i>5.4</i>		HW 2 due/ <i>5.5</i>
5	10/24-28	<i>5.6</i>	Quiz 3	<i>5.6 (cont.)</i>	Quiz 3	<i>5.8</i>
6	10/31-11/4	<i>Review</i>		<i>6.1</i>		HW 3 due/ <i>6.2</i>
7	11/7-11	<i>6.2 (cont.)</i>	Quiz 4	<i>6.3</i>	Quiz 4	Vet's day
8	11/14-18	<i>6.4</i>		<i>6.4-6.5</i>		HW 4 due/ <i>6.5</i>
9	11/21-25	Midterm 2		<i>6.6</i>	Thanksgiving	
10	11/28-12/2	HW 5 due		<i>Review</i>		<i>Review</i>