

# Spring 2019 MATH 136 Syllabus — Ruiwen Shu

## INSTRUCTOR:

Ruiwen Shu

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More information will be available at my website <https://shuruiwen.com/teaching/>

LECTURE: TuTh 11:00am-12:15pm, Room: ARM 0135. Discussion sections are on WF and the time and location depend on your section number.

TEXTBOOK: Mathematics for the life sciences, by Erin N. Bodine, Suzanne Lenhart & Louis J. Gross

NO GRADED HOMEWORK: You are suggested to do the textbook exercises, some of which have answers in the textbook.

TESTS and QUIZZES: There will be 2 one-hour midterm exams: see the schedule below. The final examination will cover the whole course. There will be two quizzes on weeks 3, 5, 7, 9, 11, 13 (12 quizzes in total).

GRAPHING CALCULATORS: Graphing calculators are an integral part of the course, but are not allowed on midterms, quizzes, or the final examination. The preferred types are TI-83, TI-84, TI-85, TI-86, and TI-89.

HONOR CODE: The UMD Code of Academic Integrity is administered by the Student Honor Council. The Code sets standards for academic integrity. You will be asked to write and sign the following honor pledge on each quiz and exam unless exempted by your instructor: "I pledge on my honor that I have not given or received any unauthorized assistance on this quiz/examination." Note that copying solutions from other sources is plagiarism.

GRADES: Letter grades are determined based on your total points, which includes

Higher midterm	200
Lower midterm	100
Top 10 quizzes	$10 * 10 = 100$
Final exam	300
TOTAL possible points	700

THERE ARE NO MAKEUPS FOR QUIZZES. MAKEUPS FOR EXAMS COULD BE ARRANGED IN THE PRESENCE OF LEGITIMATE REASONS.

The letter grades are determined as follows: all students in this lecture are ranked by the total points, and the letter grades are determined by your percentage: about first 1/3 are A, second 1/3 are B, third 1/3 are C, and only a few F will be given to those who are far below others.

FINAL EXAMINATION: Thursday, May 16, 1:30-3:30pm

Tentative schedule:

Weeks	Tuesdays	Thursdays
1	01/29: 15.1, 15.2	01/31: 15.2, 16.1
2	02/05: 16.2, 16.3	02/07: 17.1~17.5
quiz	02/12: 17.6, 18.1, 18.2	02/14: 18.3~18.6
4	02/19: 19.1~19.3	02/21: 19.4~19.5
quiz	02/26: 28.1~28.2	02/28: 28.3
6	03/05: review	03/07: <b>midterm 1</b>
quiz	03/12: 20.1, 20.2	03/14: 20.4
spring break		
8	03/26: 20.5	03/28: 21.1~21.3
quiz	04/02: 22.1	04/04: 22.2
10	04/09: 22.3-22.4	04/11: 22.5
quiz	04/16: 23.1	04/18: 23.2
12	04/23: review	04/25: <b>midterm 2</b>
quiz	04/30: 25.1, 25.2	05/02: 25.2, 25.3
14	05/07: 26.1	05/09: 27.1~27.3
15	05/14: review	

MATLAB sections in the textbook are not included in this course.

Midterm 1 includes Chapters 15, 16, 17, 18, 19, 28.

Midterm 2 includes Chapters 20, 21, 22, 23 (except 20.3).

Final exam includes Chapters 15, 16, 17, 18, 19, 28, 20, 21, 22, 23, 25, 26, 27 (except 20.3).