

SYLLABUS - STA 4183
THEORY OF INTEREST

Term: Fall, 2017

Professor: Dr. David Groggel

Graduate Assistant: David Lindberg

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Tuesdays and Thursdays, 12:00- 1:30p.m. Monday & Wednesday 1:00 - 4:00 p.m.
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Text: The Theory of Interest, 3rd Edition
By Stephen G. Kellison

Link to solutions manual for text:

http://highered.mheducation.com/sites/0073382442/information_center_view0/solutions_manual.html

Homework: Homework problems will be assigned and some will be collected. The final point total on homework will be scaled to a maximum of 100 points toward the final grade (there will be more than 100 points total on all the homework) after dropping your lowest homework score. Homework is designed to help the student understand the material and prepare for the exams. Homework should be submitted in class on the day it is due (earlier also acceptable) Homework is submitted as a hard copy, it is not submitted on Canvas.

Exams: There will be 4 exams. Each exam will be given in class and will be worth 75 points. Make-up exams will be given only when prior permission is obtained to miss the exam given in class.

Exam 1: Tuesday September 19
Exam 3: Tuesday November 14

Exam 2: Tuesday October 17
Exam 4: Tuesday December 5

Grading: The final grade will be based on the total number of points earned out of 400. The following grading scale will be used.

368 -400	A	320-327	B-
360-367	A-	312-319	C+
352 - 359	B+	280-311	C
328 - 351	B	240 -279	D
		Below 240	E

Calculators: The Texas Instruments calculator BA II Plus is recommended for this course. Other financial calculators are possible for use if approved. You may also use a scientific calculator as long as it is not programmable. Each student is responsible for having their own individual calculator(s) in operational condition for the exams. No programmable calculators or cell phones or smart watches may be used or visible during exams.

Purpose of the Course: To cover appropriate topics as preparation for the Society of Actuaries FM Exam

You need to be:

- Serious about the material on the SOA FM exam
- Able to memorize formulas (NO FORMULA SHEETS FOR EXAMS)
- The type of person who enjoys math word problems
- Someone who is not frustrated by notation
- Able to work many exercises in order to know the material well and prepare for the exams
- Able to handle timed examinations
- Able to handle the course's RAPID PACE necessary to cover the FM exam material

Preparing for the SOA FM Exam: We will cover the essential topics for the exam in this class.

To properly prepare you must practice by taking old exam questions and study problems beyond what we cover in this class.

ACTEX and ASM publish study materials and practice exam questions. Taking these practice exams is an important part of your preparation for the FM exam. See, for example, www.actuarialbookstore.com. Some students have also found the software and materials published by coachingactuaries to be very helpful.

The syllabus of the FM exam given by the SOA has changed as of June 2017.

This class will follow the syllabus for this new version of the exam.

This class is required for the actuarial science minor. It can also be used as an elective class for the statistics major or minor, but only if your catalog year is earlier than Fall 2015.

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Information on current UF grading policies for assigning grade points may be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at

<https://evaluations.ufl.edu/results/>