

**The University of Iowa
College of Liberal Arts and Sciences
Department of Statistics and Actuarial Science**

22S:182 (ACTS:4280) Life Contingencies II

10:30 - 11:20AM TWThF 112 MH

Fall Semester 2011

Instructor: Dr. E.S.W. Shiu Office: 362 Schaeffer Hall Phone: 335 2580
E-mail: elias-shiu@uiowa.edu

Office Hours: 1:15 - 2:15 PM, Tuesday, Wednesday & Friday, or by appointment

Department: Statistics & Actuarial Science, 241 SH Phone: 335 2082

D.E.O.: Dr. Luke Tierney Phone: 335 0712 E-mail: luke-tierney@uiowa.edu

Prerequisites: 22S:153 or 22S:193 **and** a grade of C+ or better in 22S:181 (ACTS:3180)

This is an off-cycle course. The drop date is October 12.

This course is intended for students who want to master the Life Contingencies material in the professional examination “Actuarial Models: Life Contingencies (MLC)” given by the Society of Actuaries. The textbook is *Actuarial Mathematics*, second edition (2000 or later printing). You will find it useful to bring it to every class. The course will review Chapters 3 to 7, and cover Chapters 8, 9, 10, and parts of Chapters 11, 15, 17 and 18.

ACTEX has published *Solutions Manual for Bowers et al. Actuarial Mathematics* by K. Ostaszewski.

There will be four (4) exams. The first exam, based on the two handouts distributed earlier, will be given in class on Thursday, August 25. The dates of the other three exams are: September 16 (Friday, 6:30-8:30 PM, 40 SH), October 10 (Monday, 6:30-8:30 PM, 40 SH), and November 4 (Friday, 6:30-8:30 PM, 40 SH). Most of the exam questions will come from handouts, examples and exercises in the textbook *Actuarial Mathematics*, and old SOA exams. Old SOA exams since 2000 can be found in <http://www.soa.org/education/exam-req/syllabus-study-materials/edu-multiple-choice-exam.aspx> **You are to use an official CAS/SOA calculator.**

Tentatively, the final grade (H.W. 8% + Exams 8% + 28% + 28% + 28%) will be assigned as follows:

Undergrads F[0, 40); D-[40, 45); D[45, 50); D+[50, 55); C-[55, 60); C[60, 65);
C+[65, 70); B-[70, 75); B[75, 80); B+[80, 85); A-[85, 90); A[90, 95); A+[95, 100]

Graduate students F[0, 46); D-[46, 50.5); D[50.5, 55); D+[55, 59.5); C-[59.5, 64); C[64, 68.5);
C+[68.5, 73); B-[73, 77.5); B[77.5, 82); B+[82, 86.5); A-[86.5, 91); A[91, 95.5); A+[95.5, 100]

Note: SOA’s Exam MLC will be given on Tuesday, November 8, 8:30 AM – 11:30 AM.

Teaching Policies & Procedures: Syllabus Insert

Administrative Home

The College of Liberal Arts and Sciences is the administrative home of this course and governs matters such as the add/drop deadlines, the second-grade-only option, and other related issues. Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall, or see the CLAS [Student Academic Handbook](#).

Electronic Communication

University policy specifies that students are responsible for all official correspondences sent to their University of Iowa e-mail address (@uiowa.edu). Faculty and students should use this account for correspondences. (*Operations Manual*, [III.15.2](#). Scroll down to k.11.)

Accommodations for Disabilities

A student seeking academic accommodations should first register with Student Disability Services and then meet privately with the course instructor to make particular arrangements. See www.uiowa.edu/~sds/ for more information.

Academic Fraud

Plagiarism and any other activities when students present work that is not their own are academic fraud. Academic fraud is a serious matter and is reported to the departmental DEO and to the Associate Dean for Undergraduate Programs and Curriculum. Instructors and DEOs decide on appropriate consequences at the departmental level while the Associate Dean enforces additional consequences at the collegiate level. See the CLAS Academic Fraud section of the [Student Academic Handbook](#).

CLAS Final Examination Policies

Final exams may be offered only during finals week. No exams of any kind are allowed during the last week of classes. Students should not ask their instructor to reschedule a final exam since the College does not permit rescheduling of a final exam once the semester has begun. Questions should be addressed to the Associate Dean for Undergraduate Programs and Curriculum.

Making a Suggestion or a Complaint

Students with a suggestion or complaint should first visit the instructor, then the course supervisor, and then the departmental DEO. Complaints must be made within six months of the incident. See the CLAS [Student Academic Handbook](#).

Understanding Sexual Harassment

Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI [Comprehensive Guide on Sexual Harassment](#) for assistance, definitions, and the full University policy.

Reacting Safely to Severe Weather

In severe weather, class members should seek appropriate shelter immediately, leaving the classroom if necessary. The class will continue if possible when the event is over. For more information on Hawk Alert and the siren warning system, visit the Public Safety [web site](#).

*These CLAS policy and procedural statements have been summarized from the web pages of the [College of Liberal Arts and Sciences](#) and The University of Iowa [Operations Manual](#).