**Catalog Description:**
This course sequence introduces students to the mathematical theory of contingencies. Includes material from examinations by the Society of Actuaries and the Casualty Actuarial Society.

**Prerequisite:**
C- or better in 3618 and C- or better in 4530, 5530H, or Stat 4201; or credit for 530, 531H, or Stat 420; or permission of department.

**Exclusions:**
Open only to actuarial science majors.

**Text:**

**Topics List:**
1. Survival distributions.
2. Individual risk models.
3. Life tables.
4. Topics from life insurance.
5. Life annuities.