



Catalog Description:

5633-5634 introduces students to the construction and evaluation of actuarial models, with topics covered by examinations of the Society of Actuaries and the Casualty Actuarial Society.

Prerequisite:

{C- or better in 4530, 5530H, Stat 4201, or credit for 530, 531H, or Stat 420}; and {C- or better in Stat 4202 or credit for Stat 421}.

Exclusions:

Open only to actuarial science majors and to MMS students specializing in Financial Math.

Text:

Loss Models: From Data to Decisions, 4th edition, by Klugman, Panjer and Willmot, published by Wiley, ISBN: 9781118315323.

Topics List:

1. Measures of risk.
2. Characteristics of actuarial models.
3. Severity models.
4. Frequency models.
5. Aggregate loss models.