

Course No.	Course Title	Theory	Practice	Credit	Prerequisite(s)
Stat 438	Actuarial Statistical Models	3	-	3	Stat 337

Objectives

To make the students aware of the statistical principles involved in the insurance and risks.

Course Description:

- Statistical techniques used in insurance
- Life table and life insurance
- Survival distributions and failure times
- Risk theory
- Applications of statistics in insurance.
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Main text books:

Promislow, Fundamentals of Actuarial Mathematics.

Subsidiary books:

Dowd, An introduction to market risk measurement.