

ACTS4304 - Construction and Evaluation of Actuarial Models

[ACTS 4304](#) Construction and Evaluation of Actuarial Models (3 semester hours) Introduction to useful frequency and severity models beyond those covered in Principles of Actuarial Models. Discussion of the steps involved in the modeling process and how to carry out these steps in solving business problems. At the end of the course the students should be able to: 1) analyze data from an application in a business context; 2) determine a suitable model including parameter values; and 3) provide measures of confidence for decisions based upon the model. This class also provides an introduction to a variety of tools for the calibration and evaluation of the models. This class covers parts of CAS Exam 4/SOA Exam C. Prerequisite: [STAT 4352](#) or instructor consent required. (3-0) T