

ACTS6304 - Principles of Short Term Actuarial Mathematics I

[ACTS 6304](#) Principles of Short Term Actuarial Mathematics I (3 semester credit hours) The purpose of this class is to develop the students' knowledge of the severity, frequency and aggregate risk models and the application of those models to property and casualty insurance and other financial risks. Coverage modifications, risk measures and construction and selection of parametric models using the maximum likelihood estimator (MLE) technique will be discussed. This class covers parts of SOA Exams FAM and ASTAM; CAS Exams MAS I, MAS II and 5. Prerequisites: [STAT 5352](#) and instructor consent required. (3-0) Y