

University of Pretoria Yearbook 2020

Survival models 382 (IAS 382)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	18.00
Programmes	BCom Statistics BCom Statistics and Data Science BSc Actuarial and Financial Mathematics BSc Mathematical Statistics
Service modules	Faculty of Economic and Management Sciences
Prerequisites	IAS 221 60%, IAS 282 60%, WST 211, WST 221, WTW 211, WTW 218
Contact time	1 practical per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Actuarial Science
Period of presentation	Semester 1

Module content

Survival models and the life table, estimating the lifetime distribution, proportional hazard models, the binomial and Poisson models, exposed to risk, graduation and statistical tests, methods of graduation.

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