

University of Pretoria Yearbook 2021

Survival models 382 (IAS 382)

Qualification Undergraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 18.00

NQF Level 07

Programmes [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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