



# University of Pretoria Yearbook 2022

## Survival models 382 (IAS 382)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	18.00
<b>NQF Level</b>	07
<b>Programmes</b>	<a href="#">BCom (Statistics and Data Science)</a> <a href="#">BSc (Actuarial and Financial Mathematics)</a> <a href="#">BSc (Mathematical Statistics)</a>
<b>Service modules</b>	Faculty of Economic and Management Sciences
<b>Prerequisites</b>	IAS 221 60%, IAS 282 60%, WST 211, WST 221, WTW 211, WTW 218
<b>Contact time</b>	1 practical per week, 2 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Actuarial Science
<b>Period of presentation</b>	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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