Financial mathematics 282 (IAS 282)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	12.00
Programmes	BCom Statistics
	BSc Actuarial and Financial Mathematics
	BSc Mathematical Statistics
Service modules	Faculty of Economic and Management Sciences
Prerequisites	IAS 211
Contact time	3 lectures per week, 1 practical per week
Language of tuition	Module is presented in English
Department	Actuarial Science
Period of presentation	Semester 2

Module content

Principles of actuarial modelling, cash-flow models, the time value of money, interest rates, discounting and accumulating, level annuities, deferred and increasing annuities, equations of value, loan schedules, project appraisal, elementary compound interest problems, term structure of interest rates.

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