

University of Pretoria Yearbook 2017

Pensions 700 (PNS 700)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	40.00
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Academic organisation	Actuarial Science
Period of presentation	Year

Module content

Providers of pension and related benefits. Needs of beneficiaries and sponsors. State sponsored vs. private sector sponsors. Presentation and reporting of benefits and contributions. Professional guidance. General and detailed benefit design, risk and uncertainty in pension funds. Methods of financing, pension fund investment and investment matching. The actuarial control cycle in the pension fund industry. Asset valuation, asset-liability modelling. Funding methods. Valuation, valuation data, basis assumption setting and analysis of experience. Discontinuance, options and guarantees, pension fund risk benefits.

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