



---

# University of Pretoria Yearbook 2016

---

## Actuarial mathematics 211 (IAS 211)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	12.00
<b>Programmes</b>	<a href="#">BCom Statistics</a> <a href="#">BSc Actuarial and Financial Mathematics</a> <a href="#">BSc Applied Mathematics</a> <a href="#">BSc Mathematical Statistics</a> <a href="#">BSc Mathematics</a>
<b>Service modules</b>	Faculty of Economic and Management Sciences
<b>Prerequisites</b>	WTW 114, WTW 128, WTW 126, WTW 123, WST 111, WST 121
<b>Contact time</b>	1 practical per week, 3 lectures per week
<b>Language of tuition</b>	Both Afr and Eng
<b>Academic organisation</b>	Actuarial Science
<b>Period of presentation</b>	Semester 1

### Module content

Accumulation functions, interest, time value of money, compounding periods, cash flow models, equations of value, annuities certain, continuous time application, life tables, derivation of contingent probabilities from life tables, contingent payments, loan schedules, performance measurement, valuation of fixed interest securities..

---

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.