



# University of Pretoria Yearbook 2017

## Informatics 214 (INF 214)

**Qualification** Undergraduate

**Faculty** Faculty of Economic and Management Sciences

**Module credits** 14.00

**Programmes** BCom

BCom Informatics Information Systems

BCom Statistics

BEd Senior Phase and Further Education and Training Teaching

BIS Information Science

BIT Information Technology

BSc Actuarial and Financial Mathematics

BSc Applied Mathematics

BSc Geography

BSc Geoinformatics

BSc Mathematical Statistics

BSc Mathematics

**Service modules** Faculty of Engineering, Built Environment and Information Technology  
Faculty of Education

Faculty of Natural and Agricultural Sciences

**Prerequisites** AIM 101 or AIM 111 and AIM 121

**Contact time** 2 lectures per week, 2 practicals per week

**Language of tuition** Afrikaans and English is used in one class

**Academic organisation** Informatics

**Period of presentation** Semester 1

### Module content

Database design: the relational model, structured query language (SQL), entity relationship modelling, normalisation, database development life cycle; practical introduction to database design. Databases: advanced entity relationship modelling and normalisation, object-oriented databases, database development life cycle, advanced practical database design.



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