



# 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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