

# University of Pretoria Yearbook 2021

## Informatics 214 (INF 214)

**Qualification** Undergraduate

**Faculty** [Faculty of Economic and Management Sciences](#)

**Module credits** 14.00

**NQF Level** 06

**Programmes** [BCom](#)

[BCom Informatics Information Systems](#)

[BCom Statistics and Data Science](#)

[BIS Information Science](#)

[BIT Information Systems](#)

[BSc Geography and Environmental Science](#)

[BSc Geoinformatics](#)

**Service modules** Faculty of Engineering, Built Environment and Information Technology  
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** Module is presented in English

**Department** 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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