



University of Pretoria Yearbook 2020

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](#)

[BCom Statistics and Data Science](#)

[BIS Information Science](#)

[BIT Information Systems](#)

[BSc Geography](#)

[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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