

University of Pretoria Yearbook 2022

Informatics 214 (INF 214)

Qualification Undergraduate

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

Module credits 14.00

NQF Level 06

Programmes [BCom \(Informatics\) Information Systems](#)

[BCom \(Statistics and Data Science\)](#)

[BCom](#)

[BIS \(Information Science\)](#)

[BIT \(Information Systems\)](#)

[BSc \(Geoinformatics\)](#)

[BSc \(Meteorology\)](#)

[BSc \(Geography and Environmental Science\)](#)

[BScAgric \(Agricultural Economics and Agribusiness Management\)](#)

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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of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations.