

University of Pretoria Yearbook 2018

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

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 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 are used in one class

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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