

University of Pretoria Yearbook 2016

Informatics 214 (INF 214)

Qualification	Undergraduate
Faculty	Faculty of Economic and Management Sciences
Module credits	14.00
Programmes	BCom Economic and Management Sc BCom Informatics: Information Systems BCom Statistics BEd Senior Phase and Further Education and Training Teaching BIS Information Science BIT Information Technology BSc Information Technology Information and Knowledge Systems BSc(Computer Science) Computer Science BSc Actuarial and Financial Mathematics BSc Applied Mathematics BSc Chemistry 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 practicals per week, 2 lectures per week
Language of tuition	Both Afr and Eng
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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