

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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