

University of Pretoria Yearbook 2021

Introductory geographic information systems 283 (GGY 283)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	14.00
NQF Level	06
Programmes	BIT Information Systems
	BSc Information and Knowledge Systems
	BSc Chemistry
	BSc Geography and Environmental Science
	BSc Geoinformatics
	BSc Geology
	BSc Meteorology
Service modules	Faculty of Engineering, Built Environment and Information Technology
	Faculty of Education
	Faculty of Humanities
Prerequisites	GMC 110
Contact time	1 practical per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Geography Geoinformatics and Meteorology
Period of presentation	Semester 1

Module content

Introduction to Geographic Information Systems (GIS), theoretical concepts and applications of GIS. The focus will be on the GIS process of data input, data analysis, data output and associated technologies. This module provides the foundations for more advanced GIS and Geoinformatics topics. Practical assessments and a mini-project make use of South African and African examples and foster learning and application of concepts aligned to the UN Sustainable Development Goals.

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