

University of Pretoria Yearbook 2022

Geographic information systems introduction 221 (GIS 221)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	12.00
NQF Level	06
Programmes	BEd (Intermediate Phase Teaching)
	BEd (Senior Phase and Further Education and Training Teaching)
	BA
	BA (Languages)
	BPolSci (International Studies)
	BSocSci (Heritage and Cultural Tourism)
	BSc (Chemistry)
	BSc (Ecology)
	BSc (Engineering and Environmental Geology)
	BSc (Entomology)
	BSc (Genetics)
	BSc (Geology)
	BSc (Plant Science)
	BSc (Zoology)
	BScAgric (Agricultural Economics and Agribusiness Management)
Prerequisites	Prohibited combination GGY 283
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 2

Module content

Note: Enrolment is limited. Preference will be given based on choice of majors. Students should enquire at the department if they wish to register for the module, but are unable to do so.

*GIS 221 does not lead to admission to any module at 300 level.

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 teaches students to use GIS as a tool. Examples used throughout the course are drawn from South African case studies.

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