



University of Pretoria Yearbook 2022

Geographic information systems 310 (GIS 310)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	22.00
NQF Level	07
Programmes	BIT (Information Systems) BSc (Information and Knowledge Systems) BSc (Geoinformatics) BSc (Meteorology) BSc (Chemistry) BSc (Geography and Environmental Science) BSc (Geology)
Service modules	Faculty of Engineering, Built Environment and Information Technology
Prerequisites	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 1

Module content

Advanced theory and practice of Geographic Information Systems; GIS applications; design and implementation of GIS applications. A project or assignments of at least 64 notional hours. Diverse South African examples will be used to expose the students to various data sources, geospatial analyses, and data representation to support the UN Sustainable Development Goals.

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