

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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