



# University of Pretoria Yearbook 2022

## Introductory geographic information systems 283 (GGY 283)

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