

# University of Pretoria Yearbook 2021

## Geographic information systems introduction 221 (GIS 221)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	12.00
<b>NQF Level</b>	06
<b>Programmes</b>	<a href="#">BEd Intermediate Phase Teaching</a>
	<a href="#">BEd Senior Phase and Further Education and Training Teaching</a>
	<a href="#">BA</a>
	<a href="#">BA Languages</a>
	<a href="#">BPolSci International Studies</a>
	<a href="#">BSocSci Heritage and Cultural Tourism</a>
	<a href="#">BSc Chemistry</a>
	<a href="#">BSc Ecology</a>
	<a href="#">BSc Engineering and Environmental Geology</a>
	<a href="#">BSc Entomology</a>
	<a href="#">BSc Genetics</a>
	<a href="#">BSc Geology</a>
	<a href="#">BSc Plant Science</a>
	<a href="#">BSc Zoology</a>
<b>Prerequisites</b>	Prohibited combination GGY 283
<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 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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The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.