

University of Pretoria Yearbook 2025

BScHons in Geoinformatics (02240414)

Department Geography, Geoinformatics and Meteorology

Minimum duration of study 1 year

Total credits 135

NQF level 08

Admission requirements

1. Bachelor of Science in Geoinformatics degree
or
Relevant Bachelor of Science degree
2. A weighted average of at least 60% in relevant final-year modules

Note:

1. An admission examination may be required
2. Additional modules may be required in order to reach the desired level of competency

Additional requirements

Prospective students may be required to do additional modules to enable them to reach the desired level of study. Selection takes place before admission.

Curriculum: Final year

Minimum credits: 135

Fundamental credits: 10
Core credits: 110
Elective credits: 15

Additional information: Appropriate honours modules may be taken from the Faculty or from the School of Information Technology, as approved by the honours coordinator or Head of department.

Fundamental modules

[Research methods 701](#) (GIS 701) - Credits: 10.00

Core modules

[Research project 702](#) (GIS 702) - Credits: 35.00
[Spatial statistics and geodesy 704](#) (GIS 704) - Credits: 15.00
[Advanced geospatial data 705](#) (GIS 705) - Credits: 15.00
[Advanced GIS 708](#) (GIS 708) - Credits: 15.00
[Geospatial data and services 709](#) (GIS 709) - Credits: 15.00
[Advanced remote sensing 705](#) (GMA 705) - Credits: 15.00

Elective modules

[Environmental policy and communication 704](#) (ENV 704) - Credits: 15.00
[Environmental assessments 785](#) (ENV 785) - Credits: 15.00
[Geographical and environmental principles 710](#) (GGY 710) - Credits: 15.00
[Environmental change 789](#) (GGY 789) - Credits: 15.00
[Special topics 707](#) (GIS 707) - Credits: 15.00
[Applied data science 791](#) (INF 791) - Credits: 15.00
[Seasonal and climate modelling 703](#) (WKD 703) - Credits: 15.00
[Numerical modelling: applications 704](#) (WKD 704) - Credits: 15.00
[Atmospheric composition and air quality 723](#) (WKD 723) - Credits: 15.00
[Climate change 724](#) (WKD 724) - Credits: 15.00

General Academic Regulations and Student Rules

The [General Academic Regulations \(G Regulations\)](#) and [General Student Rules](#) apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations. The G Regulations are updated annually and may be amended after the publication of this information.

Regulations, degree requirements and information

The faculty regulations, information on and requirements for the degrees published here are subject to change and may be amended after the publication of this information.

University of Pretoria Programme Qualification Mix (PQM) verification project

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names, may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.