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# University of Pretoria Yearbook 2025

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## BScHons in Geography in Geography and Environmental Science (02240416)

**Department** Geography, Geoinformatics and Meteorology

**Minimum duration of study** 1 year

**Total credits** 135

**NQF level** 08

### Admission requirements

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

Note: An admission examination may be required

### Transitional measures

Students who failed GIS 708 in 2021, may take GMA 705 as an alternative as from 2022.

## Curriculum: Final year

### Minimum credits: 135

Fundamental credits: 15  
Core credits: 105  
Elective credits: 15

**Additional information:** Students must choose one of the two geoinformatics modules, GIS 708 or GMA 705, as a core module. They may choose the other one as an elective module.

### Fundamental modules

[Geographical and environmental principles 710](#) (GGY 710) - Credits: 15.00

### Core modules

[Environmental assessments 785](#) (ENV 785) - Credits: 15.00  
[Research project 702](#) (GGY 702) - Credits: 35.00  
[Applied geomorphology 718](#) (GGY 718) - Credits: 15.00  
[Research methods 721](#) (GGY 721) - Credits: 10.00  
[Environmental change 789](#) (GGY 789) - Credits: 15.00  
[Advanced GIS 708](#) (GIS 708) - Credits: 15.00  
[Advanced remote sensing 705](#) (GMA 705) - Credits: 15.00

### Elective modules

[Statistics for biological sciences 780](#) (BME 780) - Credits: 15.00  
[Natural woodland and forests: Ecology and management 700](#) (BOT 700) - Credits: 15.00  
[Basis in environmental health 772](#) (EHM 772) - Credits: 5.00  
[Introduction to environmental and occupational health 775](#) (EOH 775) - Credits: 10.00  
[Selected theme 701](#) (GGY 701) - Credits: 15.00  
[Urban geography 780](#) (GGY 780) - Credits: 15.00  
[Advanced geospatial data 705](#) (GIS 705) - Credits: 15.00  
[Special topics 707](#) (GIS 707) - 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  
[Seasonal and climate modelling 703](#) (WKD 703) - Credits: 15.00  
[Numerical modelling: applications 704](#) (WKD 704) - Credits: 15.00  
[Radar and mesoscale meteorology 721](#) (WKD 721) - 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.