

University of Pretoria Yearbook 2020

MSc Applied Geoinformatics (Coursework) (02250417)

Minimum duration of study 2 years

Total credits 180

NQF level 09

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Programme information

A minimum of 180 credits is required to obtain the MSc (Applied Geoinformatics) Coursework degree, made up of coursework (110 credits) and a research component (90 credits).

Other programme-specific information

Candidates are required to familiarise themselves with the General Regulations regarding the maximum period of registration and other requirements for master's degrees.

Promotion to next study year

As long as progress is satisfactory, renewal of the registration of a master's student will be accepted for the second year of the study. Registration for a third and subsequent years will only take place when the Student Administration of the Faculty receives a written motivation that is supported by the head of department and Postgraduate Studies Committee.

Pass with distinction

The MSc degree is conferred with distinction to candidates who obtain a final average mark of at least 75%, with a minimum of 65% in each module, and a mark of at least 75% for the mini-dissertation.

Curriculum: Year 1

Total credits required: 180

First year credits: 110

Elective modules - special note:

Select two of the electives listed in the fixed curriculum OR take modules of a least 30 credits offered as part of ONE of the coursework master's programmes in the Faculty of Natural and Agricultural Sciences, Faculty of Engineering, Built Environment and IT or the Faculty of Economic and Management Sciences. In this instance, the prerequisites of the repective modules selected must be met and permission from the relevant HOD is required.

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Core modules

[Introduction to GIS 800](#) (GIS 800) - Credits: 15.00

[Advanced GIS 801](#) (GIS 801) - Credits: 15.00

[Introduction to remote sensing 802](#) (GIS 802) - Credits: 15.00

[Advanced remote sensing 803](#) (GIS 803) - Credits: 15.00

Elective modules

[Introduction to geospatial programming and databases 804](#) (GIS 804) - Credits: 15.00

[Advanced geospatial programming and databases 805](#) (GIS 805) - Credits: 15.00

[Special topics in geoinformatics 806](#) (GIS 806) - Credits: 15.00

Curriculum: Final year

Total credits: 180

Final year Core credits: 90

Core modules

Mini-dissertation: [Applied Geoinformatics 891](#) (GIS 891) - Credits: 90.00

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.