

# University of Pretoria Yearbook 2021

## Advanced geospatial programming and databases 805 (GIS 805)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	15.00
<b>NQF Level</b>	09
<b>Programmes</b>	<a href="#">MSc Applied Geoinformatics (Coursework)</a>
<b>Prerequisites</b>	GIS 804
<b>Contact time</b>	28 contact hours
<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

Programming specifically for applications with geospatial information, including scripting, web services and smartphone app development. Database management systems with application to geospatial information, e.g. object-relational databases, array databases, graph databases and NoSQL databases.

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.