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# University of Pretoria Yearbook 2022

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## 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.

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