

# University of Pretoria Yearbook 2016

## Hydrogeological modelling 718 (GTX 718)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	15.00
<b>Programmes</b>	<a href="#">BScHons Option: Hydrogeology</a>
<b>Prerequisites</b>	GTX 725
<b>Contact time</b>	2 practicals per week, 2 lectures per week
<b>Language of tuition</b>	English
<b>Academic organisation</b>	Geology
<b>Period of presentation</b>	Year

### Module content

Finite-difference methods; numerical solution of the flow and transport equations; spatial and temporal discretisation, stability criteria; development of conceptual models; introduction to PMWIN/Modflow.

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