

University of Pretoria Yearbook 2017

Hydrogeological modelling 718 (GTX 718)

Qualification Postgraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 15.00

Programmes [BScHons Engineering and Environmental Geology Hydrogeology](#)

Prerequisites GTX 725

Contact time 2 practicals per week, 2 lectures per week

Language of tuition Module is presented in English

Academic organisation Geology

Period of presentation 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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