



University of Pretoria Yearbook 2021

Hydrogeological modelling 718 (GTX 718)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	20.00
NQF Level	08
Programmes	BScHons Engineering and Environmental Geology Hydrogeology
Prerequisites	No prerequisites.
Contact time	2 practicals per week (3 weeks), 4 lectures per week
Language of tuition	Module is presented in English
Department	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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