

University of Pretoria Yearbook 2020

Hydrogeological modelling 718 (GTX 718)

Qualification Postgraduate

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

Module credits 20.00

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.

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.