

University of Pretoria Yearbook 2019

Contaminant transport 719 (GTX 719)

Qualification Postgraduate

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

Module credits 15.00

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

Prerequisites GTX 715 or permission from the HOD.

Contact time 2 lectures per week, 2 practicals per week

Language of tuition Module is presented in English

Department Geology

Period of presentation Year

Module content

Theory of contaminant transport in porous and fractured aquifers, determination of transport parameters, boundary conditions, analytical solutions of 1-, 2- and 3-dimensional transport equations for porous aquifers, analytical solutions for fractured aquifers.

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