

University of Pretoria Yearbook 2019

Groundwater 366 (GLY 366)

Qualification Undergraduate

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

Module credits 18.00

Programmes [BSc Engineering and Environmental Geology](#)

[BSc Geology](#)

[BSc Physics](#)

Prerequisites Three of the second-year modules: GLY 255, GLY 261, GLY 262, GLY 253

Contact time 2 practicals per week, 4 lectures per week

Language of tuition Module is presented in English

Department Geology

Period of presentation Quarter 2

Module content

Origin and classification of groundwater; classification of aquifers; groundwater movement; equations for groundwater flow into boreholes; the La Place equation and solutions for pump tests; execution and interpretation of pump tests; contaminant transport; low temperature aqueous geochemistry; groundwater exploration and management.

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