

# University of Pretoria Yearbook 2018

## 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](#)

**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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