

# University of Pretoria Yearbook 2016

## Rock engineering 722 (GTX 722)

**Qualification** Postgraduate

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

**Module credits** 15.00

**Programmes** [BScHons Option: Engineering Geology](#)  
[BScHons Option: Hydrogeology](#)

**Prerequisites** GLY 364 or TDH

**Contact time** 2 practicals per week (3 weeks), 2 lectures per week for 3 weeks

**Language of tuition** English

**Academic organisation** Geology

**Period of presentation** Year

### Module content

Mapping, description (core logging and discontinuity surveys) and classification of rock masses; engineering properties of rock masses including deformability, shear strength of discontinuities, in situ strength and permeability of rock masses; effects, theoretical derivation and practical measurements of in situ stresses.

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