

University of Pretoria Yearbook 2021

Rock engineering 722 (GTX 722)

Qualification Postgraduate

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

Module credits 20.00

NQF Level 08

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

Prerequisites No prerequisites.

Contact time 2 practicals per week (4 weeks), 4 lectures per week

Language of tuition Module is presented in English

Department 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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