

University of Pretoria Yearbook 2022

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 (5 weeks), 4 lectures per week (5 weeks)
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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