

University of Pretoria Yearbook 2019

Geology for engineering 256 (GLY 256)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	16.00
Programmes	BEng Civil Engineering BEng Civil Engineering Engage BEng Mining Engineering BEng Mining Engineering Engage
Prerequisites	Only for BEng Mining Engineering and BEng Civil Engineering students.
Contact time	1 practical per week, 4 lectures per week
Language of tuition	Module is presented in English
Department	Geology
Period of presentation	Semester 1

Module content

This module is given to Mining and Civil Engineering students, focused on the practical application of basic geological principles to engineering problems. The course covers basic rock identification, principles of stratigraphy and landscape formation, and engineering applications of geology such as mining, slope stability, and civil applications. Practicals cover geological maps and profiles, as well as basic rock identification.

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