

# University of Pretoria Yearbook 2017

## Structural geology 254 (GLY 254)

**Qualification** Undergraduate

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

**Module credits** 12.00

**Programmes** [BEng Mining Engineering](#)

[BEng Mining Engineering](#)

[BEng Mining Engineering ENGAGE](#)

**Service modules** Faculty of Engineering, Built Environment and Information Technology

**Prerequisites** GLY 151, GLY 161, WTW 114/WTW 158 and FSK 116/FSK 176

**Language of tuition** Module is presented in English

**Academic organisation** Geology

**Period of presentation** Quarter 2

### Module content

Integrated theoretical and practical course dealing with the principles of rock deformation and analysis of deformed rocks. Stress, strain and rheology, joints, experimental rock deformation, fault systems and Anderson's theory of faulting. Folds and interference folding, tectonic fabrics, shear zones, progressive deformation. Stereographic projection and structural analysis.

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