



University of Pretoria Yearbook 2017

Sedimentology 253 (GLY 253)

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| Qualification | Undergraduate |
| Faculty | Faculty of Natural and Agricultural Sciences |
| Module content | Introduction to sedimentology; grain studies; composition and textures of sedimentary rocks; flow dynamics and behaviour of sediment particles in transport systems; description and genesis of sedimentary structures; diagenesis; depositional environments and their deposits, modern and ancient; chemical sedimentary rocks; economic sedimentology; field data acquisition from sedimentary rocks and writing of reports; sieve analysis; Markov analysis; analysis of palaeocurrent trends; interpretation of sedimentary profiles. |
| Module credits | 12.00 |
| Programmes | BSc Engineering and Environmental Geology BSc Geology |
| Prerequisites | CMY 117, CMY 127, GLY 155, GLY 163, WTW 114/WTW 158 and PHY 114 |
| Contact time | 4 lectures per week, 2 practicals per week |
| Language of tuition | Module is presented in English |
| Academic organisation | Geology |
| Period of presentation | Quarter 3 |

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