



University of Pretoria Yearbook 2016

Igneous petrology and geochemistry 711 (GLY 711)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module content	Interpretation and application of advanced petrogenetic tools: the Rb/Sr and Sm/Ndisotopic systems, quantitative interpretation of binary and ternary phase diagrams, assimilation-fractional crystallisation – partial melting. Abundance of elements in the crust, crust-forming models. Hydrous geochemistry. Recognition of geochemical anomalies. Analytical methods and the treatment of geochemical data.
Module credits	12.00
Programmes	BScHons Geology
Prerequisites	No prerequisites.
Contact time	2 practicals per week, 2 lectures per week
Language of tuition	English
Academic organisation	Geology
Period of presentation	Year

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