

## University of Pretoria Yearbook 2017

## Economic geology 713 (GLY 713)

| Qualification          | Postgraduate                                 |
|------------------------|--|
| Faculty                | Faculty of Natural and Agricultural Sciences |
| Module credits         | 16.00  |
| Programmes             | BScHons Geology                              |
| Prerequisites          | No prerequisites.                            |
| Contact time           | 2 practicals per week, 2 lectures per week   |
| Language of tuition    | Module is presented in English               |
| Academic organisation  | Geology                                      |
| Period of presentation | Year   |

## Module content

Basic remote sensing methods and their applications to geology; basic geophysical and geochemical exploration techniques; exploration target generation - philosophies and methods; professional geological practice; the SAMREC and similar codes; geologists in the business environment; case studies. Practical component (runs parallel to theory above) encompasses ore-microscopy; ore mineral identification; ore textures; analysis of ore assemblages; instrumental techniques applied to ores.

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