

# University of Pretoria Yearbook 2020

## Economic geology 713 (GLY 713)

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| <b>Qualification</b>          | Postgraduate   |
| <b>Faculty</b>                | <a href="#">Faculty of Natural and Agricultural Sciences</a> |
| <b>Module credits</b>         | 20.00  |
| <b>Programmes</b>             | <a href="#">BScHons Geology</a>                              |
| <b>Prerequisites</b>          | No prerequisites.  |
| <b>Contact time</b>           | 2 lectures per week, 2 practicals per week                   |
| <b>Language of tuition</b>    | Module is presented in English                               |
| <b>Department</b>             | Geology  |
| <b>Period of presentation</b> | 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. Various short field trips to both opencast and underground mines.

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