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# University of Pretoria Yearbook 2017

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## Structural geology 365 (GLY 365)

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| <b>Qualification</b>          | Undergraduate   |
| <b>Faculty</b>                | <a href="#">Faculty of Natural and Agricultural Sciences</a>  |
| <b>Module content</b>         | 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 zone, prograssive deformation. Stereographic projection and structural analysis. |
| <b>Module credits</b>         | 18.00   |
| <b>Programmes</b>             | <a href="#">BSc Engineering and Environmental Geology</a><br><a href="#">BSc Geology</a>  |
| <b>Prerequisites</b>          | Three of the second-year modules: GLY 255, GLY 261, GLY 262, GLY 253; special exemption is given to 4th-year Mining Engineering students who have completed their required 1st-year Geology modules   |
| <b>Contact time</b>           | 4 lectures per week, 2 practicals per week  |
| <b>Language of tuition</b>    | Module is presented in English  |
| <b>Academic organisation</b>  | Geology   |
| <b>Period of presentation</b> | Quarter 1   |

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