



---

# University of Pretoria Yearbook 2017

---

## Geostatistics and ore reserve calculations 362 (GLY 362)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	18.00
<b>Prerequisites</b>	GLY 253, GLY 254, GLY 255, GLY 261, GLY 262, GLY 265
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Geology
<b>Period of presentation</b>	Quarter 1

### Module content

Review of classical geostatistical methods; problem evaluation; descriptive statistics, normal-, lognormal, three parameter lognormal distributions; confidence intervals; t-test. Sampling; cut-off values; grid generation and trend surface analysis. Semivariogram; error estimation; Kriging (BLUE) techniques. Ore reserve calculations.

---

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of each student to familiarise himself or herself well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.