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# University of Pretoria Yearbook 2016

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## Surveying 210 (SUR 210)

**Qualification** Undergraduate

**Faculty** [Faculty of Natural and Agricultural Sciences](#)

**Module credits** 16.00

**Programmes** [BSc Chemistry](#)

[BSc Environmental and Engineering Geology](#)

[BSc Environmental Sciences](#)

[BSc Geography](#)

[BSc Geoinformatics](#)

[BSc Meteorology](#)

[BSc Physics](#)

**Service modules** Faculty of Engineering, Built Environment and Information Technology

**Prerequisites** No prerequisites.

**Contact time** 4 practicals per week, 3 lectures per week

**Language of tuition** Double Medium

**Academic organisation** Geography, Geoinf + Meteor

**Period of presentation** Semester 1

### Module content

Adjustment and use of following instruments: Plane table, level, compass and theodolite. Elementary site surveying and levelling, tachometry. Definition of survey. Co-ordinate systems and bearing. Connections and polars. Methods of determining points. Elevation. Tachometry.

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