

# University of Pretoria Yearbook 2019

## Air Quality Management 810 (AQM 810)

**Qualification** Postgraduate

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

**Module credits** 80.00

**Prerequisites** No prerequisites.

**Contact time** 1 seminar per week, 2 lectures per week, 2 discussion classes per week

**Language of tuition** Module is presented in English

**Department** Geography Geoinformatics and Meteorology

**Period of presentation** Year

### Module content

Meteorology: Physical laws of atmospheric flow, turbulence, fine resolution flow modelling. Atmospheric chemistry: persistent organic pollutants, aerosols, airborne particles, dispersion modelling of trace gases, measurement techniques, quality control in measurements. Toxicology and physiology of air quality, Air pollution control technology. Inspection of industrial plants.

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