

University of Pretoria Yearbook 2017

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

Academic organisation Geography, Geoinf + Meteor

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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