

University of Pretoria Yearbook 2018

Air quality control 787 (CAM 787)

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| Qualification | Postgraduate |
| Faculty | Faculty of Engineering, Built Environment and Information Technology |
| Module credits | 32.00 |
| Programmes | BScHons Applied Science Environmental Technology |
| Prerequisites | No prerequisites. |
| Contact time | 32 contact hours per semester |
| Language of tuition | Module is presented in English |
| Department | Chemical Engineering |
| Period of presentation | Semester 1 or Semester 2 |

Module content

Air quality awareness and impacts of air pollutants. South African air pollution legislation. Meteorology and dispersion modelling. Measurement of air pollution – sampling and analysis. Equipment design of settling chambers and cyclones. Venturis and other wet cleaning equipment. Bag filters. Electrostatic precipitators. Incinerators, adsorption and absorption equipment.

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