

University of Pretoria Yearbook 2018

Radar meteorology 707 (WKD 707)

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| Qualification | Postgraduate |
| Faculty | Faculty of Natural and Agricultural Sciences |
| Module credits | 12.00 |
| Programmes | BScHons Meteorology |
| Prerequisites | No prerequisites. |
| Contact time | 1 discussion class per week, 1 lecture per week |
| Language of tuition | Module is presented in English |
| Department | Geography Geoinformatics and Meteorology |
| Period of presentation | Semester 1 or Semester 2 |

Module content

Basic principles and characteristics of the weather radar. The influence of the atmosphere on the propagation of electro-magnetic waves. Weather radar equation. The influence of attenuation on observations. The measurement of precipitation with a radar. Doppler Radar. Convective storm analysis with radar.

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