

University of Pretoria Yearbook 2021

Radar meteorology 707 (WKD 707)

Qualification Postgraduate

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

Module credits 12.00

NQF Level 08

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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