

University of Pretoria Yearbook 2019

Quasi-geostrophic analysis 361 (WKD 361)

Qualification Undergraduate

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

Module credits 18.00

Programmes [BSc Meteorology](#)

[BSc Physics](#)

Prerequisites WKD 352 GS and WKD 254

Contact time 1 practical per week, 4 lectures per week

Language of tuition Module is presented in English

Department Geography Geoinformatics and Meteorology

Period of presentation Quarter 4

Module content

Tendency and Omega equations. Model of a baroclinic system. Introduction to numerical models. Application in meteorological display and analysis software. Ascending and subsiding motion in a present and future climate.

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