

University of Pretoria Yearbook 2016

Quasi-geostrophic analysis 361 (WKD 361)

Qualification Undergraduate

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

Module credits 18.00

Programmes [BSc Applied Mathematics](#)

[BSc Chemistry](#)

[BSc Environmental and Engineering Geology](#)

[BSc Environmental Sciences](#)

[BSc Geography](#)

[BSc Geoinformatics](#)

[BSc Geology](#)

[BSc Mathematical Statistics](#)

[BSc Mathematics](#)

[BSc Meteorology](#)

[BSc Physics](#)

Prerequisites WKD 352 GS and WKD 254

Contact time 4 lectures per week, 1 practical per week

Language of tuition English

Academic organisation Geography, Geoinf + Meteor

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.

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