

# 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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