



---

# University of Pretoria Yearbook 2020

---

## Fundamentals of weather forecasting 366 (WKD 366)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	36.00
<b>Programmes</b>	<a href="#">BSc Meteorology</a> <a href="#">BSc Physics</a>
<b>Prerequisites</b>	WKD 155, WKD 261, WKD 254 (students should simultaneously be enrolled for WKD 361)
<b>Contact time</b>	1 practical per week, 4 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Geography Geoinformatics and Meteorology
<b>Period of presentation</b>	Semester 2

### Module content

Integration of information to describe the current state of the atmosphere and to predict a future state of the atmosphere. Weather forecasting techniques. Applications of remote sensing in weather forecasting. Aerological diagrams and codes. Weather forecasting software and application to numerical weather prediction. Climate change and synoptic circulation.

---

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of each student to familiarise himself or herself well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.