

University of Pretoria Yearbook 2017

Remote sensing 320 (GMA 320)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	22.00
Programmes	BSc Environmental Sciences BSc Geography BSc Geoinformatics BSc Geology BSc Meteorology
Prerequisites	GMA 220
Contact time	2 lectures per week, 1 practical per week
Language of tuition	Module is presented in English
Academic organisation	Geography, Geoinf + Meteor
Period of presentation	Semester 2

Module content

This module aims to provide students with a working knowledge and skills to learn methods and techniques for collecting, processing and analysing remotely sensed data. Throughout the module, emphasis will be placed on image processing, image analysis, image classification, remote sensing and applications of remote sensing in geographical analysis and environmental monitoring. The module is composed of lectures, readings, laboratory exercises and research tasks. A project or assignments of at least 64 notional hours.

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