

# ENVIRONMENTAL & GEOGRAPHICAL SCIENCE



SCAN ME



Environmental & Geographical Science at UCT is an interdisciplinary major with a focus on human-environment relations. It is an applied discipline with a focus on a range of skills associated with both the natural and social sciences. The student is offered a sound theoretical and practical training in subjects that foster an integrated approach to the study of the complex relationship between society and the environment.

The Department is committed to improving knowledge, understanding and management of the interactions between humans and their social, biological and physical life-support systems. The aim is to enhance or encourage the values conducive to the sustainability of these systems in the future. The Department has a broad and interdisciplinary research portfolio. Focus areas include atmospheric science, climate-change science, environmental change and sustainability, land degradation, integrated environmental management, disaster risk science, water resources, urban issues, social theory, discourses of development, food security and remote sensing and Geographic Information System (GIS).

## WHO WOULD BE INTERESTED IN THIS MAJOR?

The discipline is especially attractive to students who wish to learn about the connections and relationships that characterise the environment and society interface.

## WHAT COURSES WILL YOU TAKE?

The compulsory courses listed below must be included in your selection of courses for a major in Environmental & Geographical Science as part of the BSc or BA degree.

## FACULTY OF SCIENCE

### 1ST YEAR LEVEL COURSES

- Geography, Development & Environment
- Introduction to Earth & Environmental Sciences (or equivalent)
- Mathematics 1004 (BSc only)
- Statistics 1000 (BSc only)

### 2ND YEAR LEVEL COURSES

- The Physical Environment
- Society and Space

### 3RD YEAR LEVEL COURSES

#### Two of

- Atmospheric Science
- Anthropocene Environments in Perspective
- Sustainability & the Environment
- Geographic Thought

### CAREER OPPORTUNITIES FOR GRADUATES

Studying in the field of environmental and geographical science may lead to career opportunities in a wide range of fields including among others environmental management, environmental impact assessment, GIS, urban and regional planning, disaster risk management, research in physical and human geography including climatology, education, community development, sustainability science and tourism.

### MINIMUM ADMISSION AND SUBJECT REQUIREMENTS

FPS of 550 (but admission only guaranteed at FPS above 660)

Mathematics 70% & Physical Science 60% or Life Sciences 60%.

NBT in Mathematics, AL & QL to be written