

# COURSE DETAIL

## APPLICATIONS OF GIS

**Country**

Australia

**Host Institution**

University of Melbourne

**Program(s)**

University of Melbourne

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Geography Engineering

**UCEAP Course Number**

116

**UCEAP Course Suffix****UCEAP Official Title**

APPLICATIONS OF GIS

**UCEAP Transcript Title**

APPLICATION OF GIS

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

Geographic Information Systems (GIS) are a blend of computer mapping and database technologies used to store, manage, analyze, and display geographic data. This course offers an introduction to this technology and provides the skills and knowledge to solve everyday problems facing our built and natural environments. The course also lays the foundations for more advanced studies in the field of geomatics and spatial information systems. Application areas of GIS, and related data sets and operations, are presented. In parallel, students train in computer labs the use of GIS for data integration, analysis and mapping, inspired by the applications presented.

## Language(s) of Instruction

English

## Host Institution Course Number

GEOM20013

## Host Institution Course Title

APPLICATIONS OF GIS

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Engineering

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