

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 Course Details**Host Institution Campus****Host Institution Faculty****Host Institution Degree****Host Institution Department**

Engineering

Course Last Reviewed

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