

COURSE DETAIL

GEOGRAPHIC INFORMATION SYSTEMS

Country

Australia

Host Institution

University of Queensland

Program(s)

University of Queensland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography Environmental Studies

UCEAP Course Number

110

UCEAP Course Suffix**UCEAP Official Title**

GEOGRAPHIC INFORMATION SYSTEMS

UCEAP Transcript Title

GEOG INFO SYSTEMS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course covers the science and technology of geographical information systems (GIS). GIS science focuses on ways to describe and represent geographical phenomena and explain geographical patterns and processes. GIS technology focuses on data modeling, databases, map visualization, and web applications. Students engage in laboratory sessions and participate in a field trip, where they have the opportunity to apply GIS to solve real-world problems.

Language(s) of Instruction

English

Host Institution Course Number

GEOM2001

Host Institution Course Title

GEOGRAPHIC INFORMATION SYSTEMS

Host Institution Campus

Queensland

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Earth and Environmental Sciences

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