

# 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 Course Details****Host Institution Campus**

Queensland

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

Earth and Environmental Sciences

**Course Last Reviewed**

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