

# COURSE DETAIL

## INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS

**Country**

Ireland

**Host Institution**

University of Galway

**Program(s)**

University of Galway

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Geography

**UCEAP Course Number**

106

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

INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS

**UCEAP Transcript Title**

GEOG INFO SYSTEM

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

**Course Description**

This course covers the basic concepts and applications of a geographic information system (GIS). The topics of GIS data concept, data modeling, attribute management, data input, and analysis are explained. Students gain general knowledge of a GIS and acquire the basic techniques of GIS software to independently produce professional maps and carry out spatial queries and basic GIS analyses.

**Language(s) of Instruction**

English

**Host Institution Course Number**

TI2102

**Host Institution Course Title**

INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS

**Host Institution Campus**

National University of Ireland, Galway

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

Geography

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