

COURSE DETAIL

SPATIAL ANALYSIS WITH GIS

Country

United Kingdom - Scotland

Host Institution

University of St Andrews

Program(s)

University of St Andrews

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography

UCEAP Course Number

121

UCEAP Course Suffix**UCEAP Official Title**

SPATIAL ANALYSIS WITH GIS

UCEAP Transcript Title

SPATIAL ANALYS/GIS

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course introduces students to the basic principles of spatial analysis. Students learn how to use spatial analysis methods and fundamental spatial algorithms for a variety of applications in human and physical geography. The course is structured along the two spatial data representations, vector data, and raster data. Students learn to use Geographic Information Systems (GIS) software to perform the analysis.

Language(s) of Instruction

English

Host Institution Course Number

GG3209

Host Institution Course Title

SPATIAL ANALYSIS WITH GIS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Geography

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