# COURSE DETAIL

| SPATIAL ANALYSIS WITH GIS |
| --- |
| **Country**<br>United Kingdom - Scotland |
| **Host Institution**<br>University of St Andrews |
| **Program(s)**<br>University of St Andrews |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Geography |
| **UCEAP Course Number**<br>121 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>SPATIAL ANALYSIS WITH GIS |
| **UCEAP Transcript Title**<br>SPATIAL ANALYS/GIS |
| **UCEAP Quarter Units**<br>4.00 |
| **UCEAP Semester Units**<br>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 Course Details**
https://www.st-andrews.ac.uk/subjects/modules/catalogue/?code=GG3209&academic_y...

**Host Institution Campus**

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
Geography

**Course Last Reviewed**
2023-2024

Print