# COURSE DETAIL

| APPLIED GIS AND GEOINFORMATICS FOR URBAN SPATIAL ANALYSIS |
| --- |
| **Country**<br>Denmark |
| **Host Institution**<br>University of Copenhagen |
| **Program(s)**<br>University of Copenhagen |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Geography Environmental Studies |
| **UCEAP Course Number**<br>156 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>APPLIED GIS AND GEOINFORMATICS FOR URBAN SPATIAL ANALYSIS |
| **UCEAP Transcript Title**<br>GIS&GEOINFORMATICS |
| **UCEAP Quarter Units**<br>6.00 |
| **UCEAP Semester Units**<br>4.00 |

**Course Description**

This course focus on advanced spatial analysis using GIS/Geoinformatics and Remote Sensing. It provides an understanding of the relevant theories and methodologies necessary to select appropriate strategies within the broad context of urban and regional geography. The course discusses the theoretical background and tries out the practical implementation in a number of practical exercises. Topics include GIS and Geoinformatics for urban applications, high resolution remote sensing, spatial analysis, spatial optimization, spatial statistics, and general knowledge of Geodata.

**Language(s) of Instruction**
English

**Host Institution Course Number**
NGEK10002U

**Host Institution Course Title**
APPLIED GIS AND GEOINFORMATICS FOR URBAN SPATIAL ANALYSIS

**Host Institution Course Details**
https://kurser.ku.dk/course/ngek10002u/2024-2025

**Host Institution Campus**

**Host Institution Faculty**
Science

**Host Institution Degree**
Master

**Host Institution Department**
Geoscience and Natural Resource Management

**Course Last Reviewed**
2024-2025

Print