

COURSE DETAIL

APPLIED GIS AND GEOINFORMATICS FOR URBAN SPATIAL ANALYSIS

Country

Denmark

Host Institution

University of Copenhagen

Program(s)

University of Copenhagen

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography Environmental Studies

UCEAP Course Number

156

UCEAP Course Suffix**UCEAP Official Title**

APPLIED GIS AND GEOINFORMATICS FOR URBAN SPATIAL ANALYSIS

UCEAP Transcript Title

GIS&GEOINFORMATICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

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 Campus

Host Institution Faculty

Science

Host Institution Degree

Master

Host Institution Department

Geoscience and Natural Resource Management

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