COURSE DETAIL

HANDS ON GIS
Country Netherlands
Host Institution Utrecht University
Program(s) Utrecht University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Geography
UCEAP Course Number 105
UCEAP Course Suffix
UCEAP Official Title HANDS ON GIS
UCEAP Transcript Title HANDS ON GIS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
In this “hands on” course the emphasis lays on working with GIS and existing spatial datasets (national and global) together with a theoretical embedding. The software used is ESRI Arc GIS desktop, PCRaster, ERDAS/IMAGINE, and Arc PAD. The course includes the following: an introduction to GIS theory, including data (types, projections), analyses (vector/raster), mapping; general software training using parts of the ESRI virtual campus courses and more specific instructions on software and data; mapping exercises with existing data; mobile GIS, outside GIS using mobile devices with GPS and ESRI Arc PAD software; guest lectures (provincial government, commercial companies); and a site visit to the map room Utrecht University library. Prerequisite knowledge for this course includes basic computer skills.

Language(s) of Instruction
English

Host Institution Course Number
GEO3-4308

Host Institution Course Title
HANDS ON GIS

Host Institution Course Details
https://osiris-student.uu.nl/onderwijscatalogus/extern/cursussen

Host Institution Campus
Utrecht University

Host Institution Faculty
Geosciences

Host Institution Degree

Host Institution Department
Human Geography and Planning

Course Last Reviewed

2024-2025

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