

COURSE DETAIL

ADVANCED GIS

Country

Netherlands

Host Institution

Utrecht University

Program(s)

Utrecht University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography Computer Science

UCEAP Course Number

140

UCEAP Course Suffix**UCEAP Official Title**

ADVANCED GIS

UCEAP Transcript Title

ADVANCED GIS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The prime purpose of the Advanced GIS course is to widen your knowledge and skills in the practical – foremost analytical – application of Geographical Information Systems using raster models and spatial network models. As a consequence, a substantial part of the course consists of practical assignments in which participants train their skills in GIS analysis. At the same time, start your own analytical GIS project on planning a new road in Friesland. The practical assignments are partly integrated with the project. Work together with one or two fellow students, directly applying your new skills in the project. The project is concluded with two reports on progress and outcomes (maps, charts, etc.).

Language(s) of Instruction

English

Host Institution Course Number

GEO3-3024

Host Institution Course Title

ADVANCED GIS

Host Institution Course Details

<https://osiris-student.uu.nl/onderwijscatalogus/extern/cursus>

Host Institution Campus

Utrecht University

Host Institution Faculty

Faculty of Geosciences

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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