COURSE DETAIL

GEOGRAPHIC INFORMATION SYSTEM IN FORESTRY

Country
Taiwan

Host Institution
National Taiwan University

Program(s)
National Taiwan University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Geography

UCEAP Course Number
150

UCEAP Course Suffix

UCEAP Official Title
GEOGRAPHIC INFORMATION SYSTEM IN FORESTRY

UCEAP Transcript Title
GIS IN FORESTRY

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

The course presents geographic information systems (GIS)-related technologies and applications. The course introduces the theory and application of the geographic information system as well as provides practice using the software. Topics: GIS profile; GIS applications; GIS data formats and integrated systems; spatial data capture and integration; database management concepts; and spatial data analysis. The course includes a term project using GIS to investigate a topic of choice. Assessment: homework (60%), term project write up (30%), and term project presentation (10%).

Language(s) of Instruction
Chinese

Host Institution Course Number
Forest5001

Host Institution Course Title
GEO-INFORMATION SYSTEM IN FORESTRY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Forestry

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