

COURSE DETAIL

DIGITAL ARCHAEOLOGY: VIRTUAL REALITY IN ARCHAEOLOGY

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Archaeology

UCEAP Course Number

174

UCEAP Course Suffix**UCEAP Official Title**

DIGITAL ARCHAEOLOGY: VIRTUAL REALITY IN ARCHAEOLOGY

UCEAP Transcript Title

DIGITAL ARCHAEOLOGY

UCEAP Quarter Units

12.00

UCEAP Semester Units

8.00

Course Description

This course provides a solid basis for the use of new digital techniques to investigate, document, compose, and present archaeological sites in all its various facets. The course provides knowledge of how to create and manage different types of two-dimensional and three-dimensional data, combining technology and theory for the development of real case studies. Emphasis is on knowledge to build high-resolution 3D models from micro to macro scale, and combine techniques and instruments such as: 2D/3D photogrammetry, laser scanners (flight time and triangulation), CAD, 3D modelling, etc. During the course, laboratories are available to participants.

Language(s) of Instruction

English

Host Institution Course Number

ARKN10

Host Institution Course Title

DIGITAL ARCHAEOLOGY: VIRTUAL REALITY IN ARCHAEOLOGY

Host Institution Campus

Humanities and Theology

Host Institution Faculty

Host Institution Degree

Host Institution Department

Archaeology and Ancient History

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