Course syllabus

Faculty of Technology

Department of Computer Science and Media Technology

4ME503 Interaktiv teknik inom digital humaniora, 7,5 högskolepoäng

4ME503 Interactive Technologies for Digital Humanities, 7.5 credits

Main field of study
Digital Humanities

Subject Group
Informatics/Computer and Systems Sciences

Level of classification
Second Level

Progression
A1N

Date of Ratification
Approved by Faculty of Technology 2020-06-22
The course syllabus is valid from spring semester 2021

Prerequisites
General entry requirements for second cycle studies and specific entry requirements: Bachelor of Arts in any discipline or equivalent degree (180 credits at least).

Objectives

After completing the course, the student should, with a high degree of independence, be able to:

- Demonstrate a good understanding of concepts involved in the design of interactive technologies scenarios to support Digital Humanities (DH) contexts.
- Identify requirements and implementation aspects to support interactive technologies scenarios to support DH contexts.
- Use and implement interactive technologies (e.g. Augmented Reality (AR), Virtual Reality (VR), interactive videos and physical objects enhanced with computational features and sensors (smart objects)) for DH scenarios
- Evaluate different solutions relying on interactive technologies to support Digital Humanities including both users´ interactions as well as technological aspects.

Content

In recent years, new forms of interactive technologies are increasingly being used for

supporting DH contexts. In this course, students will acquire knowledge and tools to design, develop and evaluate such interactive environments. The course comprises of the following topics:

- An overview of relevant concepts and contemporary approaches used for designing and implementing interactive applications to support DH
- Analysis and discussion of different DH scenarios enhanced by interactive technologies
- Mastering different tools for implementing DH scenarios
- Exploring evaluations approaches for DH scenarios enhanced by interactive technologies

Type of Instruction
Teaching consists of lectures, practical work and seminars.

Examination
The course is assessed with the grades A, B, C, D, E, Fx or F.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail (i.e. received the grade F).

The course is assessed through the presentation of mandatory assignments including technical work and scientific writing. The assignments have to be handed in before due date. The final grade is a weighted average of assessment methods.

- Assignment 1 – 1.5 credits (A-F)
- Assignment 2 - 3 credits (A-F)
- Assignment 3 – 3 credits (A-F)

Repeat examination is offered in accordance with Local regulations for courses and examination at the first and second-cycle level at Linnaeus University.

If the university has decided that a student is entitled to special pedagogical support due to a disability, the examiner has the right to give a customised exam or to have the student conduct the exam in an alternative way.

Course Evaluation
During the implementation of the course or in close conjunction with the course, a course evaluation is to be carried out. Results and analysis of the course evaluation are to be promptly presented as feedback to the students who have completed the course. Students who participate during the next course instance receive feedback at the start of the course. The course evaluation is to be carried out anonymously.

Other
Grade criteria for the A–F scale are communicated to the student through a special document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

Required Reading and Additional Study Material

- Edmond, Jennifer. (2020). Digital Technology and the Practices of Humanities

Research. Open Book Publishers. Approximately 200 pages.
- Schreibman, Susan, Siemens, Ray, & Unsworth, John. (Eds.). (2015). A New Companion to Digital Humanities (2 edition). Wiley-Blackwell. Approximately 200 pages.
- Webbased material, Linnaeus University and others; approximately 300 pages.