Linnæus University

Course syllabus

Faculty of Technology
Department of Media Technology

4ME501 Programmering för Digital Humaniora, 15 högskolepoäng
Programming for Digital Humanities, 15 credits

Main field of study
Media Technology

Subject Group
Media Production

Level of classification
Second Level

Progression
A1N

Date of Ratification
Approved by Faculty of Technology 2017-03-06
The course syllabus is valid from autumn semester 2017

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:

- demonstrate a good understanding of the different methods associated with basic programming
- be able to explain the concepts and methods that allow programming to be used as a powerful tool of expression in the humanities and the arts.
- be able to explain how different programming techniques can be used to analyze and interpret subject matter in new ways.

Content
Course content:

- Basic programming concepts
- Programming language structure: theoretical and practical aspects
- Algorithms and problem solving
- Managing different data types; Interaction and Visualization
- Apply different programming techniques to solve relevant problems within the field of humanities.

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 a written examination and presentation of mandatory assignments. The assignments have to be handed in before due date. The final grade is a weighted average of assessment methods.

Course Evaluation

During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

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

Montfort, Nick. (Latest edition). Exploratory programming for the arts and humanities. Cambridge, MA: MIT Press. 328 pages

Web-based material, Linnaeus University and others; Approximately 400 pages