

Course Syllabus

Web Design 7.5 Credits, First Cycle

Learning Outcomes

Knowledge and Understanding

Upon completion of the course, the students will be able to:

- explain the rendering process of HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets)
- demonstrate an understanding of the CSS cascade
- identify examples of how value conversion in CSS affects responsive web design
- demonstrate an understanding of accessibility perspectives in web design

Skills and Abilities

Upon completion of the course, the students will be able to:

- use a selection of HTML elements to structure information on a website
- apply CSS techniques to design responsive web components for a website
- use common tools and working methods in web development work

Course Content

The course covers basic HTML and CSS, such as elements, attributes, nesting, document layout, sectioning, linking, declarations, properties, values, and order of priority when applying CSS (the so called cascade). Furthermore, the role of HTML and CSS in web development is mapped as are the overall factors that are decisive for websites to be responsive, scalable, and optimised.

The course also covers CSS techniques for responsive web design and how the rendering process affects to construct websites.

Assessment

- Assignments
- Project

Grades

The grading scale used for the final course grade is U–G.

Grades are reported as follows:

- Assignments (accessibility) - 0.5 Credits | U–G
- Assignments (HTML and semantics) - 1 Credit | U–G
- Assignments (layout techniques with CSS) - 1.5 Credits | U–G
- Assignments (rendering process and cascade) - 1.5 Credits | U–G
- Project - 3 Credits | U–G

Prerequisites

General entry requirements

Other Information

This course cannot be counted towards the same degree along with courses that have equivalent content.

If the student has received a decision/recommendation granting study support from Dalarna University because of a disability, then the examiner has the right to offer an alternative examination arrangement. The examiner takes into account the objectives in the course syllabus when deciding whether the examination can be adapted in accordance with the decision/recommendation.

Subject:

Information Systems

This course can be included in the following main field(s) of study:

1. Information Systems

Progression Indicator within (each) main field of study:

1. G1N

Approved:

Approved 29 November 2022
Valid from 29 November 2022