



COURSE SYLLABUS

Introduction to Design Ecologies

Introduktion till Design Ecologies

30,0 Credits

30,0 Högskolepoäng

Code: MDE106

Finalized by: Prefekt, 2022-05-04

Valid from Autumn semester 2022 (2022-08-29)

Level within study regulation: Second cycle

Subject group: DE1 Design

Disciplinary domain: DE Design 100%

Division into course components

Modul 1: Common ground, 6 hp

Modul 2: Introduction to Design Ecoliteracy, 6 hp

Modul 3: Explorations, 10,5 hp

Modul 4: Intentions, 7,5 hp

Main course content

Module 1: Common ground, 6 credits

The students are introduced to Konstfack's facilities, workshops, machines, as well as techniques for model making and prototyping. Initially in this module, students show skills they already possess. Following that, several introductions are held, where the student is given the possibility to work with machines in the workshops, independently and through tutoring. At the end of the module students share things they made and skills they acquired.

Module 2: Introduction to Design Ecoliteracy, 6 credits

This module is based on seminars, readings, lectures, and assignments framed for practices of ecoliterate design on artistic grounds. The student is introduced to principles that provide insight into processes and relations within eco systems that affect the design process in practise and ethically. Ecological principles are introduced, as well as psychological, social, and environmental aspects of ecoliteracy and design on artistic grounds.

Module 3: Explorations, 10.5 credits

Through the design of physical artefacts, the student explores different perspectives using principles of ecoliteracy. Carrying out experiments and prototyping, the student critically reflects, through formgiving, on aspects that influence the production, usage, and discard of things.

Module 4: Intentions, 7,5 credits

Using principles of ecoliteracy, the student defines an issue / perspective, and makes an articulated proposition in relation to this. Through reflections of power, consequences and effects, the student creates a situated design proposal.

Intended learning outcomes

Module 1: Common ground, 6 credits

After completing this module, the student shall:

- demonstrate the ability to create and execute their own ideas with their own personal expression,
- demonstrate the ability to communicate, by making and formgiving, two-dimensional and physical three-dimensional artefacts,
- show ability to work with different machines in workshops in an independent, safe, and efficient way.

Module 2: Introduction to Design Ecoliteracy, 6 credits

After completing this module, the student shall:

- show ability to analyse, and critically reflect on design's role and consequences and explore design's potential as a participatory force in societal and ecological processes in a socially and ecologically aware manner,
- demonstrate knowledge and understanding of design as well as insight into current research and development work,
- demonstrate the ability to make assessments toward humans and other-than-humans in the field of design, informed by artistic, social, and ethical issues,
- demonstrate the ability to identify the need for further knowledge.

Module 3: Explorations, 10,5 credits

After completing this module, the student shall:

- demonstrate the ability to create and execute their own ideas, identify, formulate, and solve artistic and creative problems autonomously within predetermined timeframes,
- demonstrate ability to propose possibilities for sustainable development through design-driven explorations,

- show basic ability to formulate and shape design proposals in relation to different contexts and/or situations,
- demonstrate a basic ability to communicate, by making and formgiving, issues through the expression of two-dimensional and physical three-dimensional artefacts.

Module 4: Intentions, 7,5 credits

After completing this module, the student shall:

- demonstrate ability to propose possibilities for sustainable development through design-driven explorations,
- show ability to formulate and shape design proposals from a holistic perspective, in relation to different contexts, situations and actors,
- demonstrate the ability to communicate, by making and formgiving, complex issues through the expression of two-dimensional and physical three-dimensional artefacts.

Entry requirements

Bachelor's degree worth 180 credits in design, or equivalent knowledge in the area. In addition, the student is required to have an approved grade in English 6 or English B, or equivalent knowledge.

Grading scale

The course uses the grading scale Fail (U) or Pass (G).

Forms of examination

Written, oral and visual (including physical models or prototypes) presentations. Tutoring and joint discussions. Presentations in all parts of the course.

The examiner is responsible for providing the grading criteria for the examination, and for these to be published on the intranet.

Students who receive the grade Fail (underkänd) in an examination are entitled to take a further five

tests as long as the course is given, in order to achieve the grade Pass (godkänd). Students who fail an examination twice by an examiner are entitled to request that another examiner is appointed to decide grades for the test. A request should be made to the Head of Department.

Reading list and other study material

Reading lists are presented in the module descriptions.

Additional information

The department is responsible for other essential information, such as detailed teaching methods and grading criteria, to be available for students before the start of the course.

This course may not be credited towards a degree together with similar courses taken and passed, where the content is completely or partly the same as the content of this course.

Students may request that examination according to this syllabus is conducted no more than twice during one two-year period after it has expired.

The course is a mandatory part of the master program Design Ecologies.

To be registered on the second year of the program, the student is required to have at least 45 credits from the first year.

The course is taught in English.