

COURSE DESCRIPTION

EXPLORING DESIGN PERSPECTIVES

Course title Exploring Design Perspectives	Kursustitel Udforskning af designperspektiver
Course number KF1UD--BUU	Approved 22 August 2023
Level and semester MA, 1. & 2. semester	Field of study Design for People, Planet, Play
ECTS 10	Responsible Eva Kappel
Exam form Pass/fail	Assessment Class participation The student is required to attend 75% of course lessons and participate actively in class which includes submission of two written assignments
Censor Internal	Reexam The reexam is an individual written assignment of 10-15 standard pages that covers the learning outcome of the course

COURSE DESCRIPTION

EXPLORING DESIGN PERSPECTIVES

Course objective

The aim of the course is to introduce the students to the future perspectives of the content unfolded in the Master's studies, and facilitate an exploration of the student's motivation and goals in relation to that. The student's competences from the past and the motivation of the present are mapped to create and support the aspirations within Design for People, Planet or Play in the future.

During the course, the students will work on identifying their own professional values, preferences and possible job roles in relation to their specific field or niche of design.

Finally, the course will focus on communicating the student's professional point of view, verbally, visually and in writing.

The course contains two written assignments in which the students use relevant literature to analyze and put their own professional field into perspective.

Learning outcome

At the examination, the student is expected to:

Knowledge:

- *have insight into the facets of the specialization ((Design for People, Planet or Play) and be able to reflect on their own professional point of view and potential*
- *have knowledge about selected design theories within creativity and creative processes*

Skills:

- *be able to map their own competences and build a scenario of where/how they see themselves working in the future*
- *be able to formulate a professional direction as a designer in writing, and be able to reflect on their own professional point of view and potential*

Competences:

- *be able to relate their own competences to needs and expectations from the outside world*
- *be able to use selected theories to examine their own professional point of view and put it into perspective*

COURSE DESCRIPTION

DESIGN PRACTICE & PROTOTYPING

Course title Design Practice & Prototyping	Kursustitel Designpraksis og prototyper
Course number KA1PP--BUU, KI1PP—BUU, KB1PP--BUU, KT1PP--BUU KK1PP--BUU	Approved 21.06.23
Level and semester MA, 1 st semester	Field of study Design for People, Planet & Play
ECTS 7,5	Responsible Eva Kappel
Exam form Pass/fail	Assessment Class participation. The student is required to attend 75% of course lessons and participate actively in class.
Censur Intern	Reexam The reexam is an individual oral exam. The duration of the reexam is 30 minutes, of which: 10 minutes for the student's presentation 10 minutes for questions from examiners 10 minutes for deliberation and announcement of the assessment result

COURSE DESCRIPTION

DESIGN PRACTICE & PROTOTYPING

Course objective

The course focuses on the prototype as a carrier of aesthetic and sensual aspects of design. As a designer, it is important to be aware of the prototype as a communication tool for the designer and other stakeholders.

The prototype has many different purposes and possibilities of use in a development process which calls for different designs and degrees of completion. For example, the level of skill will vary from the first quick mock-ups to the finished realisation models. Likewise, the design of the prototype will depend on the field of investigation for the specific test, e.g., material, shape, color, function, construction, scale.

In the course, the students will be introduced to the subject areas' different ways of producing and discussing prototypes and be introduced to the associated workshops.

There will be activities that support the reflection on how the individual student can best communicate their designs with the skills and competences they have available. In addition, the course will expand the students' professional repertoire within prototyping and encourage them to form a strategy for their future acquisition of skills

Learning outcomes

At the examination, the student is expected to:

Knowledge:

- *to understand the prototype as a central carrier of the communication of the aesthetic and sensory aspects of design*
- *to have an understanding that prototypes can have different purposes and possibilities of use in a development process*

Skills:

- *to be able to use relevant techniques and tools from the field*
- *to be able to develop and select techniques and tools for prototyping that are in accordance with the mediating purpose*

Competences:

- *to be able to reflect on one's repertoire of prototypes and how they can be used in the future*

Generic learning objectives

In addition to the above-mentioned course-specific learning outcomes, the student is also expected to:

- to use and communicate knowledge, skills and/or methods from the subject area (Communication Design, Accessory Design, Industrial Design, Fashion Design or Textile Design) as a lever for relevant prototypes and solutions within the design challenge

- be able to translate design experiments – regardless of the outcome – into learning and development of their own design practice

- be able to present own research and project through an oral and visual presentation, that both explains what, why and how, and contains a reflection on the process and the concrete learning along the way

- be able to argue own role as a designer in the design process

COURSE DESCRIPTION

TRANSFORMING PRACTICES

Course title Transforming Practices	Kursustitel Transformerung af praksisser
Course number PT1TP--KMU	Approved 06.06.23
Level and semester MA, 1 st semester	Field of study Design for Planet
ECTS 15	Responsible Ulla Ræbild
Exam form Oral exam	Assessment 7-point grading scale The exam will be an evaluation of the presented design product and the oral defence
Censor Internal	Extent/duration of exam an individual exam is 40 minutes a group of two students is 65 minutes a group of three students is 90 minutes a group of four students is 115 minutes
Prerequisite As a mandatory prerequisite for participation in the oral exam, students must deliver a project description within the framing of the course.	Group exam / group work The exam takes form of either an individual exam or a group exam (up to four students in a group)

COURSE DESCRIPTION

TRANSFORMING PRACTICES

Course objective

A fundamental aspect of designing is directed towards the future, as the designer anticipates the needs and potentials of tomorrow. However, when working for a sustainable future, it can be important for designers to expand the reach of this anticipatory competence and influence and/or shape the future itself.

For this purpose, the course introduces practice theory, user studies and speculative methods as approaches to engaging with and transforming practices: Practices which may include all actors, for example, practices of designing, practices of using, practices of manufacturing, etc. The focus of the course is to explore how modes of practices relate, such as the relationship between function, material, aesthetics, technology, production and use. Thereby, students build important understandings of how design develops and gains meaning in situated contexts, which is necessary when designing for the future.

Exploring past and present practices, the course addresses objects and know-how as a rich and valuable source for designers working with future practices of sustainability. Based on these explorations, students develop design proposals and unfold accordant exemplary products and/or services relating to practices furthering sustainability.

Learning outcome

At the examination, the student is expected to be able to:

Knowledge:

- *be able to describe core concepts of slow movement, practice theory, material and speculative methods*
- *be able to identify and select sources and literature within user studies that are relevant to the design project*
- *be able to discuss course literature in relation to design project*

Skills:

- *be able to analyse and visualise the development of a product or practice over time*
- *be able to plan, execute and analyse a study of use practice related to a selected user group*
- *be able to evaluate research outcomes, in terms of selected sustainability potentials, and identify a relevant context*

Competences:

- *be able to evaluate and combine individual, design disciplinary and societal motivations within a design project on transforming practices.*
- *Be able to create a novel design concept from research on past practices for a specific context using design disciplinary means for dissemination and communication*

COURSE DESCRIPTION

TRANSFORMING PRACTICES

Generic learning outcome

In addition to the above-mentioned course-specific learning outcomes, the student is also expected to:

- *to use and communicate knowledge, skills and/or methods from the subject area (Communication Design, Accessory Design, Industrial Design, Fashion Design or Textile Design) as a lever for relevant prototypes and solutions within the design challenge*
- *be able to translate design experiments – regardless of the outcome – into learning and development of their own design practice*
- *be able to present own research and project through an oral and visual presentation, that both explains what, why and how, and contains a reflection on the process and the concrete learning along the way*
- *be able to argue own role as a designer in the design process*

COURSE DESCRIPTION

DESIGN METHODOLOGY

Course title Design Methodology	Kursustitel Designmetodologi
Course number KF2MD--BUU	Approved 30.08.2020
Level and semester MA, 2 nd semester	Field of study Design for People, Planet & Play
ECTS 5	Responsible Eva Kappel
Exam form Pass/fail	Assessment Class participation. The student is required to attend 75% of course lessons and participate actively in class.
Censor Internal	Reexam The reexam is an individual written assignment of 7-10 standard pages that covers the learning outcome of the course.

COURSE DESCRIPTION

DESIGN METHODOLOGY

Course objective

The course objective is to give the students a thorough introduction to design methodology in a historic perspective and make the students able to understand and put theories, discussions and main directions in the field into perspective as well as reflect on their own practice.

Learning outcome

At the examination, the student is expected to:

Knowledge:

- *have knowledge about and be able to discuss design methodology in a historic perspective*
- *be familiar with key design methodological theories*

Skills:

- *be able to explain the concept design methodology*
- *be able to apply design methodological theories*

Competences:

- *be able to reflect on design methodology in relation to his or her own practice*

COURSE DESCRIPTION

MATERIAL NARRATIVES

Course title Material Narratives	Kursustitel Materialefortællinger
Course number PT1FM--KMU	Approved 21.06.23
Level and semester MA, 2 nd Semester	Field of study Design for Planet
ECTS 15	Responsible Ulla Ræbild
Exam form Oral exam	Assessment 7-point grading scale. The exam will be an evaluation of the presented design product and the oral defence
Censor External	Extent/duration of exam an individual exam is 40 minutes a group of two students is 65 minutes a group of three students is 90 minutes a group of four students is 115 minutes
Prerequisite As a mandatory prerequisite for participation in the oral exam, students must deliver a project description within the framing of the course.	Group exam / group work The exam takes form of either an individual exam or a group exam (up to four students in a group)

COURSE DESCRIPTION

MATERIAL NARRATIVES

Course objective

Designers work with materials as a membrane that can translate ideas and concepts in to meaning and values for users when a user interacts with a material-based design solution. In parallel, materials, as resources, take part in larger networks that inform and influence material-related considerations in design processes.

This course addresses materials from a broad and holistic perspective, to emphasise and activate the role of materials in design for sustainability. Thereby the course places the material as centre for exploration and experimentation.

The objective of the course is to strengthen understanding and awareness of the multiplicity of possible material engagements and involvements in design. This is throughout the course explored through the interconnected perspectives: Material Culture, Material Experience, Material Systems and Material Making.

In the course, students are encouraged to explore and create material narratives in analogue as well as digital formats through engagement with one or more materials or resources.

Learning outcome

At the examination, the student is expected to:

Knowledge:

- *understand relations between materials and design for sustainability*

Skills:

- *building on a disciplinary framing, execute and document material focused research and experiments within the four perspectives, Material Culture, Material Experience, Material Systems and Material Making*
- *examine and analyse outcomes of investigations and experiments and make conclusions*
- *identify and pursue design for sustainability conceptual potentials in the research outcome*

Competences:

- *argue for and formulate a design for sustainability intention for a material focused design process within a disciplinary framing*
- *develop narratives of, with and around materials for a defined purpose and context of use*
- *create a material focused design proposal based on sustainability principles within a disciplinary framing*

Generic learning outcome

In addition to the above-mentioned course-specific learning outcomes, the student is also expected to:

- *to use and communicate knowledge, skills and/or methods from the subject area (Communication Design, Accessory Design, Industrial Design, Fashion Design or Textile Design) as a lever for relevant prototypes and solutions within the design challenge*
- *be able to translate design experiments – regardless of the outcome – into learning and development of their own design practice*

COURSE DESCRIPTION

MATERIAL NARRATIVES

- *be able to present own research and project through an oral and visual presentation, that both explains what, why and how, and contains a reflection on the process and the concrete learning along the way*
- *be able to argue own role as a designer in the design process*

COURSE DESCRIPTION

EMPOWERING CHANGE

Course title Empowering Change	Kurstitel Styrkelse af forandringsprocesser
Course number KF1FP--BUE	Approved 29.06.21
Level and semester MA, 2 nd semester	Field of study Design for People, Planet & Play
ECTS 5	Responsible Eva Kappel
Exam form Pass/fail	Assessment Class participation. The student is required to attend 75% of course lessons and participate actively in class.
Censor Internal	Reexam The reexam is an individual written assignment of 7-10 standard pages that covers the learning outcome of the course.

COURSE DESCRIPTION

EMPOWERING CHANGE

Course objective

It is becoming increasingly clear that we as designers need to create first action and change rather than merely ideas, concepts and products. A significant and expanding part of work life for designers today is the ability to plan and facilitate design processes often in cross-disciplinary teams, rather than only having the capability to create products.

The process might lead to a specific idea, solution or intervention, change of existing habits and mindsets, or new ways of communicating challenges and opportunities in the world. In short, we are the “DOers” of today and tomorrow.

The course centers around process facilitation that supports entre- and intrapreneurship in start-ups and SMEs and relates to green sustainability and social inclusion agenda. It aims to give the student an understanding of the importance of not only creating ideas but also creating first actions and thus empowering change initiatives. The aim being that students will be able to understand how they might advance design problems, ideas and solutions through close collaboration with chosen companies, and through student facilitated design sprints. Process planning and facilitation is closely connected to project management. The course will touch upon project management on a smaller scale.

Through real-life scenarios the work within the course is to identify relevant challenges and take steps towards strong design solutions in co-work with exterior partners that might be realized within a near future.

Learning outcome

At the examination, the student is expected to:

Knowledge:

- *Discuss theories and approaches related to design process facilitation and design sprint including ways to approach the design facilitator role*
- *Condense how designers can create first steps towards change in organizations*
- *Identify project management tools on a smaller scale*

Skills:

- *Identify a specific design challenge and plan a framework for a design sprint*
- *Apply and train individual and collective entre- and intrapreneurial skills in collaboration with external partners*
- *Disseminate design sprint progress and outcome visually and verbally*

Competences:

- *Apply relevant methods for user and stakeholder involvement in a project that calls for green and social sustainable solutions*
- *Deliver an innovative design proposal in the form of a relevant early and rapid prototype in collaboration with a company or organisation*
- *Present progress and outcome of the design sprint within the context of a business, an organization and/or an institution*

COURSE DESCRIPTION

HOLISTIC SYSTEMS

Course title Holistic Systems	Kursustitel Helhedstænkte systemer
Course number PT1SH--KMU	Approved 06.06.23
Level and semester MA, 2 nd semester	Field of study Design for Planet
ECTS 7,5	Responsible Ulla Ræbild
Exam form Oral exam	Assessment 7-point grading scale. The exam will be an evaluation of the presented design product and the oral defence
Censor Internal	Extent/duration of exam an individual exam is 30 minutes a group of two students is 50 minutes a group of three students is 70 minutes a group of four students is 90 minutes
Prerequisite As a mandatory prerequisite for participation in the oral exam, students must deliver a project description within the framing of the course.	Group exam / group work The exam takes form of either an individual exam or a group exam (up to four students in a group)

COURSE DESCRIPTION

HOLISTIC SYSTEMS

COURSE OBJECTIVE

Central to creating sustainable impact is to work holistically with the use of resources. As design is developed and used within material, technological, economic and human systems, designers need to understand production, communication, consumption and disposal on a systems level in order to frame and develop holistic design strategies for e.g., prolonging lifespan, optimising use and managing waste.

This course introduces to and activates core strategies for holistic systems building: circular, service, and sharing systems. Furthermore, a number of key models, tools and methods for systems analysis and assessment will be introduced and applied such as The Butterfly Diagram, Business Model Canvas, life cycle mapping and stakeholder involvement.

Students will work with real company/organizational cases to analyse existing systems, explore potentials and develop new design driven sustainable systems proposals, supported by product and/or service concepts informed by design experiments.

LEARNING OUTCOME

At the examination, the student is expected to:

Knowledge:

- *be able to explain models, tools and methods for holistic systems building*
- *be able to relate course literature on strategic systems to the design project*
- *be able to discuss possible implications/effects of applying the holistic design strategies*

Skills:

- *be able to analyse a complex system in relation to a selected company/organisational setting, using models, methods and tools applied in the course*
be able to identify and frame a relevant design proposal towards systemic transformation informed by various stakeholders
- *be able to explore and address a sustainability challenge/problem through the application of holistic systems building strategies in a design project*

Competences:

- *be able to create a system design proposal that increases the overall sustainability performance within a company/organizational context*
- *be able to develop products and/or service concepts that can support the system design*
- *be able to evaluate and argue implications of implementing the systems proposal in terms of sustainable impact*

COURSE DESCRIPTION

HOLISTIC SYSTEMS

Generic learning outcome

In addition to the above-mentioned course-specific learning outcomes, the student is also expected to:

- *to use and communicate knowledge, skills and/or methods from the subject area (Communication Design, Accessory Design, Industrial Design, Fashion Design or Textile Design) as a lever for relevant prototypes and solutions within the design challenge*
- *be able to translate design experiments – regardless of the outcome – into learning and development of their own design practice*
- *be able to present own research and project through an oral and visual presentation, that both explains what, why and how, and contains a reflection on the process and the concrete learning along the way*
- *be able to argue own role as a designer in the design process*

COURSE DESCRIPTION

DEEP RESEARCH

Course title Deep Research	Kurstitel Deep Research
Course number KF2DR--BSU	Approved 31.08.2020
Level and semester MA, 3 rd semester	Field of study Design for People, Planet & Play
ECTS 10	Responsible Eva Kappel
Exam form Written assignment	Assessment Pass/fail
Censor Internal	Extent of exam An individual exam is 4-6 standard pages A group of two students is 6-9 standard pages A group of three students is 8-12 standard pages
Comments	Individual or group-based exam The maximum number of students in one group is limited to three students.

COURSE DESCRIPTION

DEEP RESEARCH

Course objective

This course focusses on conducting research through design, and the designer as producers of new knowledge.

Through the course, the students are introduced to relevant qualitative research methods, in order to activate their design skills for generating empirical data and conducting design research.

The course is about Design research as an approach to generate, collect and analyse data in a systematic, transparent and valid way. The purpose of the course is to provide the students with understanding of how to contribute with new knowledge within the field of design.

The course contains a number of interrelated elements to be conducted in an iterative design research process. E.g. fieldwork, design experiments, data analysis, literature studies, reflective writing etc.

Within this course, the students will disseminate their design research as a written assignment in a format of a short academic paper.

Learning outcome

At the examination, the student is expected to:

Knowledge:

- *position the project within design research (e.g. Research Through De-sign, Practice based research, Constructive design research)*
- *describe reasons for the chosen methods for generating and analysing empirical data*

Skills:

- *formulate, conduct and document a design-led experiment*
- *combine different methods for generating and analysing data*
- *generate data through the fieldwork and the design experiment*

Competences:

- *analyse and compare empirical data (field work and design experiments) against existing literature in order to identify findings*
- *disseminate the design research project in a written academic format*