



Course syllabus

Faculty of Arts and Humanities
Department of Design

4DI723 Aktionsforskning och interaktiva metoder, 7,5 högskolepoäng
Action Research and Interactive Methods, 7.5 credits

Main field of study

Design

Subject Group

Design

Level of classification

Second Level

Progression

A1F

Date of Ratification

Approved by Faculty of Arts and Humanities 2015-09-07

The course syllabus is valid from spring semester 2016

Prerequisites

The course Methodology in Project Work, 7.5 credits, and English B/English 6, or the equivalent.

Objectives

After completing the course, the student should be able to:

- describe and evaluate interactive methods in relation to an innovation project,
- plan the implementation of an interdisciplinary innovation project together with representatives from different businesses,
- communicate with representatives from different businesses, in spoken, written and visual forms,
- reflect on and assess the importance, consequences, possibilities and limitations of interactive methods, their role in society, and people's responsibility for how they are used,
- identify the need for further knowledge in design-theoretical and practical aspects,
- make assessments from ethical and sustainability perspectives.

Content

The course includes the following:

- the theory of science,
- an introduction to different traditions within interactive methodology and their applications,
- interactive methods in an innovation process,

- tools and strategies for communication,
- aspects of validity, reliability, credibility, ethics and sustainability in research processes.

Compulsory lectures, workshops and seminars are specified in the schedule.

Type of Instruction

Teaching is delivered in the form of lectures, workshops and seminars based on the perspectives of the disciplines included in the course. The course is delivered in connection with a compulsory project supported by supervisors from at least three disciplines; business, engineering and design. Some parts of the course are delivered in cooperation with project organisations. Compulsory lectures, workshops and seminars are specified in the schedule.

Examination

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

The course is examined through a project report, individual reflection reports, oral presentations and active participation in discussion seminars. The grade A is the highest grade and the grade E is the lowest grade for passing the course. The grade F means that the student's performance is assessed as failed. For students who do not pass the first examinations, retake examinations are provided in accordance with local regulations at the university.

Course Evaluation

A written course evaluation is conducted and compiled into a report, which is filed at the faculty. Results and possible measures are communicated by the person responsible for the course and presented to the students at the next course meeting or in another way decided by the person responsible for the course. Other forms of course evaluation, such as continuous evaluations or through discussions with the students, are used and encouraged to guarantee continuous quality development.

Credit Overlap

This course cannot be part of a degree in combination with another course in which the content fully or partly correspond to the content of this course: The course overlaps completely with 4DI721 Action Research and Interactive Methods.

Required Reading and Additional Study Material

Required reading

Antvik, S. & Sjöholm, H. *Project management and methods*. Lund: Studentlitteratur. The latest edition. 170 pages.

McNiff, J. & Whitehead, J. *All you need to know about action research*. London: SAGE. The latest edition. 274 pages.

Merriam, S. B. *Qualitative research: a guide to design and implementation*. San Francisco: JosseyBass. The latest edition. 304 pages.

Additional Study Material

Björk, L. A. & Räisänen, C. *Academic writing: a university writing course*. Lund: Studentlitteratur. The latest edition. 399 pages.

Chalmers, A. F. *What is this thing called science?*. Indianapolis: Hackett Pub, cop. The latest edition. 316 pages.

Hannington, B. & Martin, B. *Universal Methods of Design 100 Ways to Research Complex Problems, Develop Innovative Ideas, and Design Effective Solutions*. Rockport Publishers Inc. The latest edition. 208 pages.

van Aken, J., Berends, H. & van der Bij, H. *Problem solving in organizations*. New York: Cambridge University Press. The latest edition. 245 pages.

van Maanen, J. *Tales of the Field: On Writing Ethnography*. Chicago: University of Chicago Press. The latest edition. 216 pages.