



Course syllabus

Faculty of Arts and Humanities

Department of Design

4DI722 Innovationer för global påverkan, 22,5 högskolepoäng

Innovation for Global Impact, 22.5 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 2015-09-14

The course syllabus is valid from spring semester 2016

Prerequisites

General entry requirements for studies at the second level and specific entry requirements: 90 credits in the main field of Business Administration (including a Degree Project of at least 15 credits), 15 credits at the second level (within the programme), and English B/English 6 or the equivalent.

Objectives

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

- analyse and describe an organisation from a system perspective, in speech and writing as well as visually or in another artistic way,
- identify needs for innovation from a global perspective,
- create and develop proposals for innovation concepts from a global perspective,
- plan for the implementation of innovation concepts,
- reflect on the consequences of an innovation in societal and social contexts,
- explain and discuss the importance of examples in a development project,
- discuss how the introduction of formal systems may eventually limit the field of view in a professional skill.

Content

The course includes the following:

- perspectives on creativity, innovation and entrepreneurship,
- analysis of businesses from a system perspective,
- classical and contemporary innovation concepts,
- applied innovation methods,
- internationalisation and globalisation from the perspective of sustainability.

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- humans, intersectionality, innovation and globalisation,
- leadership for innovation processes,
- historical, theoretical perspectives from classics such as Descartes, Leibniz and Diderot to understand the basics of practical epistemology,
- an introduction to the concepts of “Dreams of the precise language” and “Rhythm in work”,
- an introduction to the concepts of the Turing machine, the Turing paradox and Turing’s man.

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 also includes projects with supervisors from all participating disciplines. 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 project reports, oral presentations, discussion seminars and a visualised artefact. The course is examined with the grades A, B, C, D, E, Fx or F: 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 information on how grades on individual assignments are translated into a final grade in the entire course, see the document “Principer för betygsrapportering, jnr: ELNU 2011/160”. For students who do not pass their 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.

Credit Overlap

The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course: The course overlaps with 4DI720 Innovation for Global Impact, 22.5 credits.

Required Reading and Additional Study Material

Required reading

Braungart, M. & McDonough, W. *Cradle to Cradle; Remaking the way we make things*. Random House UK. The latest edition. 192 p.

Burns, P. *Corporate Entrepreneurship*. Palgrave Macmillan. The latest edition. 528 p.

Chesbrough, H., Vanhaverbeke, W. & West, J. *Open Innovation Researching a New Paradigm*. Oxford. The latest edition. 400 p.

Chick, A. & Micklethwaite, P. *Design for Sustainable Change – How Design and Designers Can Drive the Sustainability Agenda*. AVA Publishing SA. The latest edition. 184 p.

Gramatchikova, A. (2014) *Design Thinking in the Organizational Context*. Akademiker Verlag. Saarbrücken. ISBN: 9783639492316. 152 p.

Hayes, J. *The Theory and Practice of Change Management*. Palgrave Macmillan. The latest edition. 521 p.

Motovama, Y. *Global Companies. Local Innovations: Why the Engineering Aspects*

of Innovation Making Require Co-location. Ashgate Economic Geography, Ashgate Pub Co. The latest edition. 163 p.

Moulaert, F., MacCallum, D., Mehmood, A. & Hamdouch, A. *The International Handbook On Social Innovation Collective Action, Social Learning and Transdisciplinary Research*. Elgar online. E-book. The latest edition. 528 p.

Normann, R. *Reframing Business: When the Map Changes the Landscape*. Wiley. The latest edition. 356 p.

Polaine, A., Lavrans, L. & Reason, B. *Service Design – From Insight to Implementation*. Rosenfeld Media. The latest edition. 216 p.

Porter, M. *Competitor and Industry analysis*. Harvard Business Review. E-book. The latest edition. 432 p.

Radjou, N., Prabhu, J. & Ahuja, S. *Jugaad Innovation: Think Frugal, Be Flexible, Generate Breakthrough Growth*. Jossey-Bass. The latest edition. 288 p.

Thackara, J. *In the Bubble Designing in a Complex World*. MIT Press. The latest edition. 336 p.

Trott, P. *Innovation Management and New Product Development*. Prentice Hall. The latest edition. 648 p.

von Hippel, E. *The sources of innovation*. Oxford University Press. E-book. The latest edition. 232 p.

Walker, S. *Sustainable by design: explorations in theory and practice*. E-book. The latest edition. 244 p.

Research articles. Ca 500 pages.

Additional study material

Ashby, M. F., Shercliff, H. & Cebon, D. *Materials: Engineering, Science, Processing & Design*. BUTTERWORTH – HEINEMANN. The latest edition. 672 p.

Göranzon, B. (2009). *The Practical Intellect*. Santerus Academic Press. ISBN: 9789173350068. 160 p.

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 p.

Lidwell, W., Holden, K. & Butler, J. *Universal Principles of Design*. Rockport Publishers Inc. The latest edition. 214 p.