



Programme syllabus

Faculty of Arts and Humanities

Innovation genom ekonomi, teknik och design - inriktning design, masterprogram, 120 högskolepoäng

Innovation through Business, Engineering and Design - specialisation design, Master Programme, 120 credits

Level

Second Level

Date of Ratification

Approved by Faculty of Arts and Humanities 2015-12-07

Revised 2021-06-07

The programme syllabus is valid from autumn semester 2022

Prerequisites

General entry requirements for second-cycle studies and specific entry requirements:

- 90 credits within the main field of study, design (including an independent project of at least 15 credits) or the equivalent
- English B/English 6 or the equivalent
- A passed portfolio

Description of Programme

The purpose of the programme is to enable students with a degree in economics, technology or design to together develop their ability to initiate, lead and promote innovation processes focusing on sustainable solutions to a diversity of problems. The student gains advanced knowledge within their own main field of study, at the same time as there is collaboration and exchange with the other subjects. In the programme, the student also develops their knowledge of research and investigation methods used in the relevant subjects.

The overall pedagogical approach taken in the programme is to perform innovation processes through interdisciplinary collaborative projects. Students from different faculties and with different academic backgrounds work together with the aim of learning to identify problems from different perspectives and develop solutions requiring different kinds of knowledge and skills.

In the programme, the students gain knowledge and skills regarding the innovation concept, innovation processes, project work and project management, product development, and business and system development, in collaboration with businesses

and organisations. As a result, the students get a key role in the creation of future societies, and come into direct contact with professional work within their subject field.

Three faculties participate in the programme: the Faculty of Technology, the School of Business and Economics, and the Faculty of Arts and Humanities. Consequently, this syllabus is one of three syllabi making up the programme.

Objectives

Central qualitative targets according to the Higher Education Ordinance

Knowledge and understanding For a Degree of Master of Fine Arts (120 credits) the student shall

- demonstrate knowledge and understanding in the main field of study, including both broad knowledge of the field and a considerable degree of specialised knowledge in areas of the field as well as specialised insight into current research and development work, and
- demonstrate familiarity with methods and processes for dealing with complex phenomena, issues and situations in the field.

Competence and skills For a Degree of Master of Fine Arts (120 credits) the student shall

- demonstrate the ability to formulate new issues autonomously and creatively and contribute to the formation of knowledge, solve more advanced problems, develop new forms of personal expression as well as to reflect critically on his or her artistic approach and that of others in the main field of study
- demonstrate the ability to create and execute his or her own ideas with his or her own personal expression, to identify, formulate and solve artistic and creative problems autonomously and also to plan and undertake advanced artistic tasks using appropriate methods within predetermined time frames
- demonstrate the ability both nationally and internationally to clearly present and discuss his or her works and artistic issues in speech, writing or in other ways and in dialogue with different audiences, and
- demonstrate the competence and knowledge required to work autonomously in a professional capacity.

Judgement and approach For a Degree of Master of Fine Arts (120 credits) the student shall

- demonstrate the ability to make assessments in the main field of study informed by relevant artistic, social and ethical issues
- demonstrate insight into the role of art in society, and
- demonstrate the ability to identify the need for further knowledge and take responsibility for his or her ongoing learning.

Programme-specific objectives

For a degree of Master (120 credits) the student shall

- demonstrate knowledge and an interdisciplinary understanding of all the main fields of study covered by the programme.
- be able to lead and participate in interdisciplinary projects.

Content

Programme overview

The programme is hosted by the Faculty of Arts and Humanities, and is carried out in collaboration with the School of Business and Economics and the Faculty of Technology. The programme comprises 90 credits of compulsory courses, and 30 credits of courses of the student's own choice, within the main field of study.

There are three programme coordinators for the programme – one from each faculty. The programme coordinators have the overall responsibility for the coordination and coherence of the programme, for continuous quality development, and for the development of courses and the programme as a whole. They have a continuous dialogue with the teachers on the programme, and they coordinate collaboration with businesses and organisations nationally as well as internationally.

The programme starts out from the realisation that resources are limited, and that we need to find ways to meet people's needs without risking future generations. The complexity within human societies puts high demands on our ability to understand what needs people have in different parts of the world. At the same time, sustainable development requires a critical approach to how people, businesses and organisations intend to meet these needs. An interdisciplinary innovation process opens up for different perspectives in the process, and results in a holistic view of problems as well as solutions, from a local as well as a global point of view. Through this programme, the students will be able to participate in the innovation process together with different clients, and together identify problems and find sustainable solutions. As a result, the students develop their interdisciplinary insight and understanding – something that is further enhanced by the programme's reflective course components. The students' own future knowledge and research development is also stimulated.

The first term:

The first term comprises two courses: *Local Innovation* and *Innovation Methods and Tools*.

The course *Local Innovation* is project based and provides knowledge and understanding of innovation and the innovation process in theory and practice. The students conduct innovation projects through an interdisciplinary process, in which each competence plays an active role. The course is divided into modules, and the students learn to work and collaborate in all parts of the innovation process, from the different subjects' perspectives. In addition to this, the course also deals with professional skill and the importance of teamwork in the realisation of innovation processes.

The course *Innovation Methods and Tools* gives an overview of scientific and artistic methods, and complements the project course in that the student gets to reflect upon and evaluate the methods that are used to create knowledge or solutions, how these methods are used, and how obtained information is analysed.

The second term:

The second term includes two courses: *Global Innovation* and *Innovation Processes and Research Methods*.

The course *Global Innovation* discusses academic aspects of, as well as professional practice within the three main fields of study. The course is project based and focuses on identifying and formulating complex problems from a system perspective, realising an innovation process in collaboration with businesses or organisations, and formulating strategies for implementation of ideas through interdisciplinary work. The course also discusses professional skill in depth.

The course *Innovation Processes and Research Methods* links scientific and artistic methods with research. The course also discusses the process involved in working with projects in depth.

The third term:

In the third term students specialise in the field of design, studying courses of their own choice, corresponding to the objectives of the programme. The courses are chosen in consultation with the programme coordinator and may also include exchange studies equivalent to 30 credits within the main field of study.

The fourth term:

In the fourth term the student conducts a degree project, in which they may collaborate across disciplines.

Courses in the programme

Year 1

Local Innovation, 22.5 credits, level A1N (compulsory)*

Innovation Methods and Tools, 7.5 credits, level A1F (compulsory)*

Global Innovation, 22.5 credits, level A1F (compulsory)*

Innovation Processes and Research Methods, 7.5 credits, level A1F (compulsory)*

Year 2

Courses of the student's own choice, within the main field of study, 30 credits, level A or G (chosen in consultation with the programme coordinator)*

Independent project, 30 credits, level A2E (compulsory)*

*Courses within the main field of study

Societal relevance

In the programme, the student conducts a project in collaboration with businesses and organisations. The student is also given further opportunities to contribute to society in different ways.

Internationalisation

Exchange studies within the programme's main field of study may take place in the third term of the programme. Exchange studies are planned in consultation with the programme coordinator. The student is invited to choose from the full range of agreements that Linnaeus University has with foreign institutions of higher education. The fourth term's independent project can also be conducted partly abroad.

Programme perspectives

In the programme, questions of sustainable development, gender and diversity are continuously brought up and discussed.

The concept of sustainability is defined as one including environmental, financial, social, ethical and cultural aspects as well as aspects to do with the safety and wellbeing of mankind. At the core of the programme is the development of theoretical knowledge for the analysis of innovations, and on upon the student's core disciplines in relation to

societal needs and how societies have defined and dealt with said needs. Development work within the programme shall focus on people's involvement, knowledge and understanding. The students practise their ability to critically review possibilities and limitations, in order to promote the development of an equal and sustainable society. This work shall be supported by the methods used in the program.

Through collaboration with both national and international businesses and organisations, knowledge and understanding is promoted from a local as well as a global perspective. The international perspective is furthermore strengthened when students from many different countries participate in the programme.

Quality Development

Continuous evaluation and improvement of the programme is performed by means of, among other things, course evaluations that are summarised in writing and fed back to the students. The students participate actively in the follow-up and development of the programme through the programme council. The results of the evaluations are used in the work with quality development. The programme coordinators are responsible for evaluating the relevance of the programme, in dialogue with collaborating businesses and organisations. The Faculty of Arts and Humanities has a quality system for the follow-up and development of programmes. An education council prepares programme syllabi and other aspects concerning quality, such as the right to award degrees and the range of programmes offered, before the Faculty Board makes the final decisions. Revised and new syllabi are prepared in syllabus committees, before the head of department or the dean makes the final decision about ratification. Every year the range of courses and programmes offered is evaluated in accordance with the faculty's plan for systematic quality work.

Degree Certificate

After completing their studies in accordance with the requirements stated in the Qualification Ordinance in the Higher Education Ordinance and in Linnaeus University's local Qualification Ordinance, the student may apply for a degree. Students who have completed this master programme, 120 credits, may obtain the following degree:

Master of Fine Arts (120 credits) with specialisation in Innovation through Business, Engineering and Design. (Main field of study: Design)

The degree certificate is bilingual (Swedish/English). The degree certificate will be accompanied by a Diploma Supplement (English).

Other Information

The programme includes components such as study visits, laboratory work and field work. This may entail certain costs for the student. The programme furthermore requires certain digital equipment.