

InGenious - Cross Disciplinary Project

InGenious - tvärdisciplinärt utvecklingsprojekt

8 credits

Single subject course

799G52

Valid from: 2025 Autumn semester

Determined by	Main field of study	
Course and Programme Syllabus Board at the Faculty of Arts and Sciences	No main field of study	
Date determined	Course level	Progressive specialisation
2018-06-20	First cycle	G2F
Revised by	Disciplinary domain	
Chairman of the Course and Programme Syllabus Board at the Faculty of Arts and Sciences	Social sciences	
Revision date	Subject group	
2023-05-17; 2025-04-24	Other Interdisciplinary Studies	
Offered first time	Offered for the last time	
Autumn semester 2018	Autumn semester 2025	
Department	Replaced by	
Institutionen för ekonomisk och industriell utveckling	799G62	

Entry requirements

- 90 ECTS credits passed from undergraduate studies, or equivalent
- English corresponding to the level of English in Swedish upper secondary education (Engelska 6)
Exemption from Swedish

Intended learning outcomes

After completed course the student should be able to:

- in group conduct a complex cross-disciplinary project based on a real life, actual challenge
- in group develop and present a sustainable and value creating solution on a challenge
- independently formulate research questions and contribute with relevant domain knowledge and skills
- orally and in writing communicate solutions to parties with different backgrounds and domain knowledge
- account for and apply different frameworks to handle ethical and sustainability related aspects of the innovation process
- discuss and reflect on group processes and group dynamics in open innovation processes where individuals from different professions collaborate in a cross disciplinary way
- reflect on the innovation process from business-, sustainability- and ethical perspectives
- reflect over learning processes, dynamics and the own role in the group process

Course content

During the course, the students work in teams that are expected to independently develop a cross disciplinary project that meets a challenge posed by an external client (usually a company or an organisation).

The work is interdisciplinary and the framework of the challenges leaves room for interpretation, this requires that the students are inquisitive and show initiative. The opportunities and challenges that this entail are an important part of the course as well as a big part of the learning experience. Both oral and written communication is an important part of the course, both in the team as well as to external parties. One part of this communication is through organized presentations where the teams pitch to an auditorium of varying size. The pitches follow an inclining learning curve where the participants are able to develop their pitches successively in a safe environment leading up to a final pitch where the project is presented in front of a larger audience.

Teaching and working methods

This course is a cooperation between Linköping University and InGenious East Sweden. The course is organized in lectures, workshops as well as self-reliant interdisciplinary group work – as well as writing an individual reflection. Furthermore, the students are expected to conduct self-studies, both individually and in the teams.

Examination

The course is examined through hand-in group assignments, i.e. a project plan and a final individual report, active participation in seminars and pitches, as well as an individual reflection. Detailed information can be found in the course PM at Lisam.

If special circumstances prevail, and if it is possible with consideration of the nature of the compulsory component, the examiner may decide to replace the compulsory component with another equivalent component.

If the LiU coordinator for students with disabilities has granted a student the right to an adapted examination for a written examination in an examination hall, the student has the right to it.

If the coordinator has recommended for the student an adapted examination or alternative form of examination, the examiner may grant this if the examiner assesses that it is possible, based on consideration of the course objectives.

An examiner may also decide that an adapted examination or alternative form of examination if the examiner assessed that special circumstances prevail, and the examiner assesses that it is possible while maintaining the objectives of the course.

Students failing an exam covering either the entire course or part of the course twice are entitled to have a new examiner appointed for the reexamination.

Students who have passed an examination may not retake it in order to improve their grades.

Grades

Three-grade scale, U, G, VG

Other information

The course is run in collaboration with Almi East Sweden AB, whose role is to recruit companies and organizations that provide the challenges the students will take on. To regulate issues regarding rights to the results related to the students' work, both the companies/organizations and the students must sign agreements with Almi East Sweden AB. The agreements also serve as a basis for any potential negotiations regarding the purchase of the results developed by the students during the course.

Planning and implementation of a course must take its starting point in the wording of the syllabus. The course evaluation included in each course must therefore take up the question how well the course agrees with the syllabus.

The course is conducted in such a way that there are equal opportunities with regard to sex, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation and age.

If special circumstances prevail, the vice-chancellor may in a special decision specify the preconditions for temporary deviations from this course syllabus, and delegate the right to take such decisions.

About teaching and examination language

The teaching language is presented in the Overview tab for each course. The examination language relates to the teaching language as follows:

- If teaching language is "Swedish", the course as a whole could be given in Swedish, or partly, or as a whole, in English. Examination language is Swedish, but parts of the examination can be in English.
- If teaching language is "English", the course as a whole is taught in English. Examination language is English.
- If teaching language is "Swedish/English", the course as a whole will be taught in English if students without prior knowledge of the Swedish language participate. Examination language is Swedish or English depending on teaching language.