



Faculty of Health, Science and Technology
Environmental and Energy Systems

Syllabus

Green entrepreneurship

Course Code:	EMAD31
Course Title:	Green entrepreneurship <i>Grönt entreprenörskap</i>
Credits:	7.5
Degree Level:	Master's level
Progressive Specialisation:	Second cycle, has only first-cycle course/s as entry requirements (A1N)

Major Field of Study:
MEI (Environmental and Energy Systems)

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2023-09-11, and is valid from the Autumn semester 2024 at Karlstad University.

Prerequisites

Registered for 180 ECTS credits in a Master programme in Engineering with 100 ECTS credits completed, or registered for 180 ECTS credits in Science and Technology with 100 ECTS credits completed, and upper secondary level Swedish 3 or Swedish as a second language 3 plus English 6, or equivalent

Learning Outcomes

Upon completion of the course, students should be able to:

1. define and use concepts in entrepreneurship and innovation,
2. evaluate an idea for entrepreneurial activity in terms of both economic profitability and effective use of natural resources,
3. critically and systematically analyse, assess, and discuss how entrepreneurship can be applied from a bioeconomic perspective, and
4. outline a new business opportunity in a business plan, presented in English, orally and in

writing.

Content

In this course, students discuss and develop business plans for new innovations with the forest as a resource. The course enables students from different technology and science backgrounds to collaborate in the development of a business plan from a bioeconomic perspective.

Students use a model to develop the business plan. One example of a model is Canvas, where the process is described in several steps: customer segment, value proposition, customer relations, distribution, key partners, key resources, costs, and revenue.

One of the course components is the participation of regional start-ups in the bioeconomic sector in connection with guest lectures and company visits.

The course is based on teaching sessions where students are active and responsible for their own learning.

Reading List

See separate document.

Examination

Assessment is based on a written exam, a business plan written in accordance with instructions, and an oral presentation in the form of a pitch.

If students have a decision from Karlstad University entitling them to Targeted Study Support due to a documented disability, the examiner has the right to give such students an adapted examination or to examine them in a different manner.

Grades

One of the grades 5 (Pass with Distinction), 4 (Pass with Some Distinction), 3 (Pass), or U (Fail) is awarded in the examination of the course.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

The local regulations for studies at the Bachelor and Master levels at Karlstad University stipulate the obligations and rights of students and staff.