



FME3559 Research Value: From Insight to Impact 3.0 credits

Värdeskapande forskning: Från kunskap till genomslag

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

The official course syllabus is valid from the spring semester 2026 as decided by the Faculty Board: dnr HS-2025-0013. Decision date: 2026-01-29

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Accepted for doctoral studies

Intended learning outcomes

After having completed the course, participants should have abilities to:

- Map their research practice, identifying strengths, gaps, and opportunities.
- Analyze the value of their research across personal, societal, and commercialisation business dimensions.
- Apply key tools from innovation and impact thinking to understand intellectual assets and value creation.

- Design a tailored roadmap to amplify the impact of their research.
- Communicate research to a broader audience and effectively frame the innovation potential and practical value of your research, for example in project applications.
- Engage critically with expert feedback to refine their impact strategies.

Course contents

This transdisciplinary PhD course equips researchers with the tools, frameworks, and reflective practices to understand and articulate the value of their research. Moving from personal research motivations to societal needs and business opportunities, the course enables participants to frame their research for broader audiences, identify multiple forms of value, and build a strategic roadmap toward meaningful impact. Participants will work with expert mentors, apply innovation and impact methods, and produce a personalized value-driven research roadmap.

Examination

- PRO1 - Project assignment, 2.0 credits, grading scale: P, F
- PRO2 - Project work, 1.0 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability. The examiner may apply another examination format when re-examining individual students. If the course is discontinued, students may request to be examined during the following two academic years.

Participants will be assessed individually through three short assignments based on the objectives of the course (with pass/fail). Each of the assignments will be presented to the big plenum (except the post assignment). We assess the quality of the individual findings and their participation in groups identifying, assessing and communicating synergies between the individual research field and their peer contextual areas. A digital hand in will contribute to an emerging knowledge database. Presence in all plenary sessions is a prerequisite to receive the course diploma.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.