

Third-cycle education course: Introduction to Industrial Economics and Organization, 7,5hp

Purpose

The course aims at providing the participants with an understanding of Industrial Economics and Organization (IEM – in Scandinavia IEM is used for industrial engineering and management) as an academic subject compared to other, similar academic subjects. The course also aims at developing the PhD-candidates' understanding of IEM PhD-programs in Sweden (and possibly Scandinavia, depending on the participants) and prepare him/her for life in Academia by bringing up aspects such as the structure of Higher Education locally and nationally, the academic practices of writing and publishing, and how to give and take feedback on academic work.

Target group

PhD-candidates in IEM and adjacent academic fields (eg Business Studies).

15-20 students. The course is open for students from outside MDH. *For information and for applying for the course please contact Madéline Westerberg: madelene.westerberg@mdh.se*

It will be possible to participate remotely via zoom, but it is recommended to attend at least one day IRL.

Learning objectives

After the course, the PhD-student shall be able to:

1. describe the purpose, structure and formal requirements of the PhD-education in Industrial Economics and Management at the university where the PhD-student is accepted; describe Industrial Economics and

Management as an academic subject in relation to other, adjacent academic subjects;

2. describe Industrial Economics and Management as an academic subject, also in relation to other, adjacent, academic subjects;
3. describe the academic system locally and nationally;
4. critically review, value and constructively comment on an academic text within the field of Industrial Economics and Management; in writing and orally;
5. formulate a researchable research question within the field of Industrial Economics and Management;
6. discuss and exemplify how research in Industrial Economics and Management is performed.

Language

The course will be given in English.

Teaching team, course responsible and examiner

The teaching team will consist of staff from MDH and guest lecturers.

Course responsible and examiner: Lucia Crevani from MDH

Learning activities

The learning activities are concentrated to five days according to the following:

April 28: Introduction/IEM-PhD-programs

Preparations for day 1:

- Read the study plan of the PhD-program at your university
- Read regulations and guidelines for PhD studies at your university

Day 1-activities:

- 11.00 - 12.00 Introduction of the course and the participants
- 13.00 – 14.30 Meeting with people having a leading role at the university in relation to PhD studies (Vice-dean, head of research, PhD students representative, LKA, etc)
- 15.00 – 16.30 Group workshop on IEM-PhD-programs

April 29: IEM as an academic subject

Preparations for day 2:

- Reading TBA

Day 2-activities:

- 9.30 – 11.30 Sessions (Mats Engwall as chairman of SCAIEM about IEM as an academic subject, Giulia Nardelli, DTU on the interaction between Industrial economics and management and other disciplines at a technical university, NN On business administration as an academic subject)
- 11.30 – 12.15 Panel discussion
- 13.15 – 14.15 Session (winners of the SCAIEM thesis award about their relation to the field and their experiences)
- 14.30 – 15.00 Discussion with the winners

May 4: The context of the AcademicPreparations for day 3:

- TBA (UKÄ documents, report on the role of the university, article on life in academia)

Day 3-activities:

- 10-11 Session with Anders Söderholm, general director UKÄ, about academia in Sweden
- 11-12 Session with Thomas Wahl, dean EST, MDH, about the role of the university in society
- 13-14 Session with Örjan Danielsson, FoS, MDH, on research funding and evaluation
- 14-15 Session with NN, on the practice of academic work
- 14-15.30 seminar on how does the academic system locally and nationally enable and constrain research possibilities? How does this affect my work?
- Individual task - Why am I an academic, and why do I engage in scholarly research? What are my personal ambitions and what is the broader purpose of my research subject?

May 5: Academic workPreparations for day 4:

- Literature TBA

Day 4-activities:

- Session with Marianne Ekman, KTH, on how to be a discussant/opponent.
- Session with Lena Johansson Westholm, MDH, on research ethics
- Session with Anna Sannö, Research Strategy Manager at Volvo Construction Equipment, on coproduction
- Session with Ulf Andersson, MDH, on academic publishing
- Session with Viviane Sergi, UQAM, Canada, on how to perform a review

May 6: Academic work contd.Preparations for day 5:

- Write a draft of the individual, reflective paper “Industrial Economics and Management as an academic subject – history and contemporary practice”
- Read at least 5 IEM articles and search for information on research projects etc on university websites

Day 5-activities:

- Prepare to be the discussant on someone else’s paper
- Prepare a written review on someone else’s paper
- Seminar where each PhD-candidate is the discussant on someone else’s paper
- Group workshop – what is a research problem? What is a theoretical contribution?

Examination

The learning objectives in the course are examined through five elements:

- Active participation in group workshop Day 1 – 0,5hp (Pass/Fail)
- Active participation in group workshop Day 3 – 0,5hp (Pass/Fail)
- Individual reflective paper “Industrial Economics and Management as an academic subject – history and contemporary practice” – 3,5hp (Pass/Fail)
- Written review – 1,5hp (Pass/Fail)
- Perform the role of discussant Day 5 – 1,5hp (Pass/Fail)

All examination elements must be passed in order to receive a “Pass” on the course.

Reading

- TBA

Overview constructive alignment

Learning objective	Learning activity	Examination	Reading
1. describe the purpose, structure and formal requirements of the PhD-education in Industrial Economics and Management at the university where the PhD-student is accepted;	<p>(DAY 1: IEM and the university)</p> <p>Individual reading of the study plan of IEM at home department.</p> <p>Prepare and participate in group workshop.</p> <p>Meeting with people having a leading role at the university in relation to PhD studies</p>	<p>Active participation in group workshop: discussion about the study plans and university regulations, and their implications for the PhD students’ work and process. Discuss similarities and differences between IEM-programs if PhD students from different universities participate.</p>	<p>The study plan of IEM at the home department. Other documents at the university affecting the PhD students’ process.</p>

<p>2. describe Industrial Economics and Management as an academic subject, also in relation to other, adjacent, academic subjects</p>	<p>(DAY 2: IEM as an Academic subject)</p> <ul style="list-style-type: none"> • Session 1: the history and contemporary situation of Industrial Economics and Management as an academic subject (Mats Engwall) • Session 2: interaction between Industrial economics and management and other disciplines at a technical university (Giulia Nardelli, DTU, Danmark) • Session 3: the history and contemporary situation of business administration as an academic subject (Johan Alvehus, Lund?) • Panel discussion • Session 4: presentations and discussion with the two ScAIEM doctoral thesis award winners 	<p>Individual reflective paper "Industrial Economics and Management as an academic subject – history and contemporary practice"</p>	<p>TBD</p>	<p>5 (6)</p>
<p>3. describe the academic system locally and nationally.</p>	<p>(DAY 3: The context of the Academic)</p> <ul style="list-style-type: none"> • Session with Anders Söderholm, general director UKÄ, on the academic systems in Sweden • Session with Thomas Wahl, dean of EST, on the role of the university in society • Session with Örjan Danielsson on research evaluation and funding • Session with Johann Packendorff on the practice of academic work 	<p>Group workshop: how does the academic system locally and nationally enable and constrain research possibilities? How does this affect my work?</p>	<p>TBA</p>	
<p>4. critically review, value and constructively comment on an academic text within the field of Industrial Economics and</p>	<p>(DAY 4: Academic work)</p> <ul style="list-style-type: none"> • Session with Marianne Ekman on how to be a discussant/opponent. • Session with Lena on research ethics 	<ul style="list-style-type: none"> • Perform a review of an article. • Prepare for and perform the discussion of 	<p>TBA</p>	

<p>Management; in writing and orally;</p>	<ul style="list-style-type: none"> • Session with Anna Sannö on coproduction • Session with Ulf Andersson on academic publishing • Session with Viviane Sergi on how to perform a review. 	<p>another PhD student's reflection paper on day 5</p>	<p>6 (6)</p>
<p>5. formulate a researchable research question within the field of Industrial Economics and Management;</p>	<p>(DAY 5: Academic work contd.)</p> <ul style="list-style-type: none"> • Group discussion on research questions in the subject 	<p>Individual reflective paper "Industrial Economics and Management as an academic subject – history and contemporary practice"</p>	<p>TBA At least 5 articles by IEM-scholars (own choice)</p>
<p>6. discuss and exemplify how research in Industrial Economics and Management is performed.</p>	<p>(DAY 5: Academic work contd.)</p> <p>Individual course work :</p> <ul style="list-style-type: none"> • (before the day) gather information about the research in IEM across the Scandinavian countries (look at research projects, researchers etc) by browsing university/project web pages, reading articles by IEM-researchers • reading drafts other participant's paper <p>Seminar on drafts of the individual reflective paper with peer-feedback</p>	<p>Individual reflective paper "Industrial Economics and Management as an academic subject – history and contemporary practice"</p>	<p>At least 5 articles by IEM-scholars (own choice)</p>