

## **Third-cycle education course: Introduction to Industrial Economics and Organization, 7,5hp – Västerås, Sweden**

### **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).

10-15 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](mailto:madelene.westerberg@mdh.se)*

It will be possible to participate remotely via zoom.

### **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**

##### Day 1-activities:

- Introduction of the course and the participants
- 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)
- Group workshop on IEM-PhD-programs

#### **April 29: IEM as an academic subject**

##### Day 2-activities:

- IEM as academic subject 1 - presentations and discussion with Mats Engwall, professor at KTH and chairman of SCAIEM and Giulia Nardelli, associate professor at DTU (Danmark)
- IEM as academic subject 2 - presentations and discussion with the 2 winners of the SCAIEM thesis award, Kajsa Ahlgren Ode and Lotta Lind, who will talk of their work and their process as PhD students

**May 4: The context of the Academic**Day 3-activities:

- Session with Anders Söderholm, general director UKÄ, about academia in Sweden
- Session with Thomas Wahl, dean EST, MDH, about the role of the university in society
- Session with Örjan Danielsson, FoS (Research support unit), MDH, on research funding and evaluation
- virtual seminar in padlet

**May 5: Academic work**Day 4-activities:

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

**To be scheduled by the PhD students:**

- self-organized seminar of 3-4 people based on the book "How to Keep your Doctorate on Track"
- self-organized seminar for providing feedback to each others on the papers

**Examination**

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

- INL 1 IEM as a subject– 3,5hp (Pass/Fail) consists of:
  - Assignment in padlet before day 2
  - Reflection paper 2 “Industrial Economics and Management as an academic subject – history and contemporary practice”
- INL 2 reviewing and discussing - 1,5hp (Pass/Fail) consists of:
  - review of another PhD student's draft, the notes on how you have prepared it, notes on the feedback on the other's discussions
- INL 3 the academic system and academic life – 2,5hp (Pass/Fail) consists of:
  - assignment group workshop on IEM-PhD-programs day 1
  - assignment in padlet day 3
  - Reflection paper 1
  - Documentation from the group discussion on the book "How to Keep your Doctorate on Track"

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