



## GRADUATE SCHOOL

### **GM0420 Innovation and Structural Transformation, 7.5 credits**

Innovation och strukturomvandlingar, 7,5 högskolepoäng

*Second Cycle*

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#### **Confirmation**

This course syllabus was confirmed by Graduate School on 2018-04-27 and was last revised on 2018-10-10 to be valid from 2019-01-21, spring semester of 2019.

*Field of education:* Social Sciences 100%

*Department:* Graduate School

#### **Position in the educational system**

The course Innovation and Structural Transformations is a course within the Master of Science programmes at the Graduate School, School of Business, Economics and Law, University of Gothenburg.

*Main field of studies*

Innovation and Industrial Management

*Specialization*

A1N, Second cycle, has only first-cycle course/s as entry requirements

#### **Entry requirements**

To be eligible for the course Innovation and Structural Transformation, the participant must fulfill the entrance qualifications for the Master of Science programme in Innovation and Industrial Management or the Master of Science programme in Knowledge-Based Entrepreneurship. For programme specific entrance requirements, see programme syllabus.

#### **Learning outcomes**

On successful completion of the course the student will be able to:

*Knowledge and understanding*

1. Explain and critically discuss theories of the relation between innovation and economic and industrial development.
2. Summarize and explain selected major trends shaping structural transformation, and analyze these by applying relevant theoretical concepts and management tools from innovation management and related perspectives.

*Competence and skills*

3. Identify and analyze key challenges related to predicting the future state of the economy and industries, including challenges for innovation management.

*Judgement and approach*

4. Evaluate and reflect upon the challenges of selected major trends, and how these might influence business development, including the practice of innovation management, for specific industries.

**Course content**

This course aims at putting innovations and the innovating firm in a social and economic context, focusing on explaining the interaction between actor and structure, and the implications for the development of innovations and firms' competitive advantage. As such, the course content will provide the students with a thorough understanding of technological, industrial and economic change, and the opportunities and challenges posed by an increasingly dynamic business context.

The course includes both theoretical understanding and explanations of technological and industrial change, and selected major trends shaping such structural transformation. This may include topics such as globalization, demographic changes, different types of transformative technologies, and the shift towards a sustainable economy.

In addition, the course will emphasize the innovating firm's, or entrepreneur's, perspective on economic and industrial change, focusing on the actor's challenges and opportunities related to innovation and structural transformation.

**Form of teaching**

The teaching is based on lectures, workshops and group work.

*Language of instruction:* English

**Assessment**

Learning outcome 1-4 are assessed through individual written assignments.

Individual take-home assignments shall be written individually, cooperation in formulating text, tables, figures etc. is not allowed. Participation in workshops is compulsory. Valid absence from compulsory elements of the course may be substituted with alternative assignments.

If a student, who has failed the same examined component twice, wishes to change examiner before the next examination, a written application shall be sent to the department responsible for the course and shall be granted unless there are special reasons to the contrary (Chapter 6, Section 22 of Higher Education Ordinance).

In cases where a course has been discontinued or has undergone major changes, the student shall normally be guaranteed at least three examination occasions (including the ordinary examination) during a period of at least one year from the last time the course was given.

The number of examinations is limited to five.

**Grades**

The grading scale comprises: Excellent (A), Very good (B), Good (C), Satisfactory (D), Sufficient (E) and Fail (F).

In order to pass the course, the student must receive pass on all learning outcomes.

**Course evaluation**

The course will be evaluated upon completion. The results of and possible changes to the course will be shared with students who participated in the evaluation and students who are starting the course.