



Course syllabus

Globalisering och innovation Globalization and Innovation

INNN10, 7,5 credits, A (Second Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED I

Date of Decision: 2023-04-14

General Information

Elective for: I4-ai

Language of instruction: The course will be given in English

Aim

The overall aim of the course is for students to acquire a basic understanding of how firms in a variety of sectors develop and implement innovation strategies in the context of global competition. General objectives are for students to grasp why profiting from R&D and knowledge assets available globally has become a central theme in strategic thinking. More specific objectives are for students to become familiar with several strategic mechanisms and processes in a variety of sectors, including vertical disintegration (outsourcing and networking), the appropriation and use of knowledge from global sources, the role of innovation systems etc. Practical objectives are for students to use basic concepts to discuss strategic options in the globalization of innovation and to apply the main lessons of the course in problem-oriented empirical research.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

have a critical comprehension of:

- why innovation has become a central element of strategic management
- how an organisation can acquire, develop and exploit knowledge required for innovation at a global scale

- of the various roles that different organisations and institutions have in global innovation networks
- of the role that vertical (dis)integration plays for innovation-based competitiveness

Competences and skills

For a passing grade the student must

- be able to apply basic concepts discussed in the course to discuss strategic management decisions in international firms
- be able to summarize the course's main topics and demonstrate in group-based presentations how knowledge acquired in the course can be used in problem-based real-world questions

Judgement and approach

For a passing grade the student must

- • have the ability to independently analyze the globalization of innovation processes

Contents

The course provides a basic understanding of how different technological and innovation strategies are formed in global competition. It will concentrate primarily on outlining the changing geographic patterns of innovation, the integration of business networks at regional and global levels, and how they are changing in response to ongoing processes of globalization.

Examination details

Grading scale: TH - (U,3,4,5) - (Fail, Three, Four, Five)

Assessment: Assessment takes place through a written exam (70% of final grade) and group exercises (30% of final grade). Participation in group exercises is mandatory. If a student cannot attend a group exercise, a supplementary assignment may be required. Parts: 2.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Parts

Code: 0112. **Name:** Written Examination.

Credits: 5. **Grading scale:** TH. **Assessment:** 5: awarded if you have clearly met all the objective, displaying deep knowledge of the base content, original and creative thinking, perhaps going beyond the established practice; 4: awarded when all objectives have been met very well and effectively; 3: awarded when the objectives have been addressed satisfactorily, or where the evidence is strong for some objectives, weaker but acceptable in others. **Contents:** A written exam. **Further information:** A re-examination possibility will only be offered to students that have not received a passing grade.

Code: 0212. **Name:** Group Exercises.

Credits: 2,5. **Grading scale:** TH. **Assessment:** 5: awarded if you have clearly met all the objective, displaying deep knowledge of the base content, original and creative thinking, perhaps going beyond the established practice; 4: awarded when all objectives have been met very well and effectively; 3: awarded when the objectives have been addressed satisfactorily, or where the evidence is strong for some objectives, weaker but acceptable in others. **Further information:** A re-examination possibility will only be offered to students that have not received a passing grade.

Admission

Assumed prior knowledge: MIO012/MIOA12/MIOA01/MIOA15 Managerial Economics and MIO022/MIOF20 Strategic management. At least three years

approved full time education at university level (or a Bachelor degree).

The number of participants is limited to: No

The course overlaps following course/s: INN005

Reading list

- Articles.

Contact and other information

Course coordinator: Torben Schubert, torben.schubert@circle.lu.se