



APPLIES TO ACADEMIC YEAR 2014/2015

GRA 3152 Innovation, Sectoral Applications - RE-SIT EXAMINATION

Programme

Master of Science in Innovation and Entrepreneurship, Specialization Course

Responsible for the course

Per Ingvar Olsen

Department

Department of Innovation and Economic Organisation

Term

According to study plan

ECTS Credits

6

Language of instruction

English

Introduction

The course provides an overview of challenges and options in sustaining intrapreneurship and innovation in selected sectors of the economy. The course highlights how core economic/financial, organizational, technological and knowledge factors interplay in dynamic value creation in sector specific contexts. The course will also provide an introduction to the complex interplay between firms, industrial networks and public institutions in industrial development and innovation in selected sectors of the economy, such as telecommunication, energy, manufacturing industry, the maritime and service-sectors, tourism etc based on ongoing research at the NSM.

Learning outcome

The course will enhance the students' understanding of innovation and familiarize them with practical applications in core sectors of the economy, such as telecommunication, energy, manufacturing, maritime, tourism and various service-sectors based on ongoing research at the NSM. The course will furthermore seek to qualify the students' entrepreneurial attitudes and their abilities in evaluating entrepreneurial business opportunities and challenges across contexts representing societal, industrial and institutional diversity.

Prerequisites

A bachelor degree qualifying for entrance to the Master programme.

Compulsory reading

Books:

Malerba, Francesco, ed. 2004. Sectoral systems of innovation : concepts, issues and analyses of six major sectors in Europe. Cambridge University Press

Collection of articles:

Middtun, Atle et al. 2007. Kompedium: Innovation Sectoral Applications

Other:

During the course there may be hand-outs and other material on additional topics relevant for the course and the examination.

Recommended reading

Course outline

The course will concentrate on central innovation themes in selected sectors like telecommunication, energy, manufacturing industry, the maritime and service-sectors, tourism etc:

- Why is innovation and intrapreneurship important in selected sectors?
- Innovation as an organisational challenge in selected sectors
- Innovation as an economic challenge in selected sectors
- Strategic approaches and process models for intrapreneurship in selected sectors
- IPR and IPR strategies in selected sectors
- Commercialisation methods, ex: spin inns/ spin offs in selected sectors
- Innovation at the boundary: Industrial supplier networks as innovation arenas in selected sectors
- Corporate venturing in selected sectors

- Innovation systems and dynamic interplay between public agencies, institutions and firms in selected sectors

Case Examples

To demonstrate practical applications, the course will have invited presentations from leading Norwegian enterprises in class.

Computer-based tools

Standard, It's learning/homepage

Learning process and workload

A course of 6 ECTS credits corresponds to a workload of 160-180 hours. Divided into regular lectures and workshops including paper presentations.

Please note that while attendance is not compulsory in all courses, it is the student's own responsibility to obtain any information provided in class that is not included on the course homepage/It's learning or text book.

Examination

100% term paper. The term paper must be written individually.

Examination code(s)

GRA31521 term paper accounts for 100 % of the final grade in the course GRA 3152.

Examination support materials

Only bilingual dictionary allowed.

Examination support materials at written examinations are explained under examination information in the student portal @bi. Please note use of calculator and dictionary in the section on support materials.

Re-sit examination

The assessment in some courses is based on more than one exam code.

Where this is the case, you may retake only the assessed components of one of these exam codes.

Where this is not the case, all of the assessed components of the course must be retaken.

All retaken examinations will incur an additional fee.

Additional information

Honor Code

Academic honesty and trust are important to all of us as individuals, and represent values that are encouraged and promoted by the honor code system. This is a most significant university tradition. Students are responsible for familiarizing themselves with the ideals of the honor code system, to which the faculty are also deeply committed.

Any violation of the honor code will be dealt with in accordance with BI's procedures for cheating. These issues are a serious matter to everyone associated with the programs at BI and are at the heart of the honor code and academic integrity. If you have any questions about your responsibilities under the honor code, please ask.