



APPLIES TO ACADEMIC YEAR 2009/2010

GRA 3154 International Perspectives on Innovation

Programme

Master of Science in Innovation and Entrepreneurship, Specialization Course

Responsible for the course

Department

Department of Innovation and Economic Organisation

Term

According to study plan

ECTS Credits

6

Language of instruction

English

Introduction

The objective of the course is to show how different perceptions on *innovation* has evolved as a result of theoretical, academic, technological, industrial, economic and political development. And how the international development has effected Norway

Learning outcome

Students will be able to:

- Comprehend theories on innovation and technological development.
- Reflect upon how different forces, such as theoretical, academic, technological, industrial, economic and political forces, affect the perception and understanding of innovation.
- Appreciate the historical development of theories of innovation, with emphasis on the traditions underpinning our understanding today.
- Acquire a general understanding of the main political dimensions related to innovation.
- Consider innovation's role and place in society.
- Understand business and companies' roles towards innovation.
- Understand the governments' roles towards innovation.
- Get a thorough understanding of the Norwegian innovation system, or Norwegian clusters.
- Contemplate on firms in relation to innovation, development and crises.
- Be able to discuss and appreciate different viewpoints and opinions on innovation and innovation policy
- To reflect in writing on the issues above.

Prerequisites

A bachelor degree qualifying for entrance to the master program in innovation and entrepreneurship.

Compulsory reading

Books:

Fagerberg, Jan, David C. Mowery and Richard R. Nelson, eds. 2005. The Oxford handbook of innovation. Oxford: Oxford University Press

Ruttan, Vernon W. 2001. Technology, growth, and development: An induced innovation perspective. New York: Oxford University Press. p 656

Servan-Schreiber, Jean-Jacques. 1968. The American challenge. London : Penguin Books

Other:

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

X. Selected articles

Recommended reading

Course outline

Wave theories

Theories on innovation and systems of innovation

"The American challenge"
The Norwegian innovation system
The Nordic model

Computer-based tools

Standard, Blackboard/homepage

Learning process and workload

36 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/Blackboard or text book.

Examination

Your course grade will be based on the following activities and weights:

20 % class work (in the form of a mix of some/ all of the following: hand in of paper, projects, and homeworks; case presentations and class participation). 80% 3 hour written final exam.

Specific information regarding student evaluation beyond the information given in the course description will be provided in class. This information may be relevant for requirements for term papers or other hand-ins, and/or where class participation can be one of several elements of the overall evaluation.

Exam code(s)

GRA 31541 accounts for 100% of the final grade in the course GRA 3154.

Examination support materials

A bilingual dictionary. Exam aids at written examinations are explained under exam information in our web-based Student handbook. Please note use of calculator and dictionary.
<http://www.bi.edu/studenthandbook/examaids>

Re-sit examination

Re-takes are only possible at the next time a course will be held. When the course evaluation has a separate exam code for each part of the evaluation it is possible to retake parts of the evaluation. Otherwise, the whole course must be re-evaluated when a student wants to retake an exam. Retake examinations entail an extra examination 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.