



APPLIES TO ACADEMIC YEAR 2008/2009

## GRA 3151 Theories of Innovation

### Program

Master in Innovation and Entrepreneurship, Specialization Course

### Responsible for the course

Heidi Wiig Aslesen

### Department

Department of Innovation and Economic Organisation

### Term

According to study plan

### ECTS Credits

6

### Language of instruction

English

This course will give an introduction to the understanding of the concept of innovation at the micro, meso and macro level by introducing theories conceptualizing and problematizing the term.

### Learning outcome

This course provides the students with knowledge of the concepts and principles in innovation theory and research. The course focuses on how innovation is influenced by a variety of factors, whether related to economic, social, territorial or other relationships. The objective will be for the students to gain an understanding of the different aspects of innovation and its relationship with economic growth and welfare, as well as with people, firms, industries and regions. The course will moreover include several of the themes addressed in more depth in other courses of the programme and as such, have a synthesizing role for the programme as a whole.

### Prerequisites

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

### Compulsory literature

#### Books:

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

#### Other:

Selected articles

### Recommended literature

#### Course outline

- \* Processes of innovation at the firm level; from static to dynamic models; absorptive capacity; types of innovation; measuring problems.
- \* Innovation as interactive learning
- \* Network and process perspectives on innovation
- \* Systems of innovation; national, regional and sectoral innovation systems
- \* Role of innovation at the macrolevel; MNC's and innovation.

### Computer-based tools

Standard, Blackboard/homepage

### Course structure

The course will be carried out through lectures and working seminars and excursions. The lectures will be carried out with the expectation of high degree of student involvement through group work, presentations and discussions.

### Evaluation

The evaluation process is composed of 3 elements:

- 1) The student's participation in the classroom through presentations and discussions (20%)
- 2) A mid term paper (20%), written individually.
- 3) A term paper delivery (60%), written in groups of max 3 students.

**Evaluation code(s)**

GRA31511 accounts for 100 % of the final grade in the course GRA3151

**Aids at the examination**

Paper: All

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>

**Makeup exam**

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.

**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 academy integrity. If you have any questions about your responsibilities under the honor code, please ask.