



APPLIES TO ACADEMIC YEAR 2014/2015

DRE 5015 Current Research in Innovation and Industrial Dynamics

Programme

Responsible for the course

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Department

Department of Innovation and Economic Organisation

Term

According to study plan

ECTS Credits

6

Language of instruction

English

Introduction

Please note that this course will be revised before it is offered again

This course presents and discusses selected topics within current research in innovation and industrial dynamics. It aims at exploring new perspectives, research methods and theories offered in recent research publications that challenge our understanding of innovation processes, structures and/or functions, and it aims at addressing these to the particular research fields in which course participants are engaged. Through a combination of lectures, analysis, presentations, discussions and writings, students will be trained in the different roles typically performed in scientific discourse and process work.

The course focuses on major research interests within the faculty and the phd student group and aims at supporting the on-going research projects in terms of focused empirical, theoretical and methodological readings, presentations and discussions.

The course will train participants in screening current research frontiers in the selected fields of research, challenging new scientific contributions and exploring their possible contributions to their own research efforts.

Learning outcome

Knowledge:

The students shall acquire theoretical, methodological and historical knowledge on selected topics in the research frontier within current research in innovation and industrial dynamics. The course will give an in depth understanding of major theories within the field of current research on innovation processes and industrial dynamics, both from Europe and the USA. Both strengths and shortcomings within the different approaches will be discussed and analyzed.

Skills:

The students acquire the skills necessary to position their work and frame their own thesis-work in relation to the various schools of thought, as well as various methods and theoretical approaches. Students will learn to carefully select research literature that appear particularly interesting to their own research challenges, and to analyze, present and discuss their potential use in detail.

Reflection:

The students will also obtain ability to critical theoretical and methodological reflection and even reflect upon ethical dilemmas connected with current research.

Prerequisites

Admission to a PhD Programme is a general requirement for participation in PhD courses at BI Norwegian Business School.

External candidates are kindly asked to attach confirmation of admission to a PhD programme when signing up for a course with the doctoral administration. Candidates can be allowed to sit in on courses by approval of the courseleader. Sitting in on courses does not permit registration for courses, handing in exams or gaining credits for the course. Course certificates or conformation letters will not be issued for sitting in on courses.

Compulsory reading

Other:

Literature: A selection of approximately 20 articles & book chapters.

Recommended reading

Course outline

The course will be organized into two modules organised as 2 three days seminars:

Module 1: Early in the semester (3 days): The innovation journey, presentation of research on innovation in services. Presentation of ideas for paper as well as discussion of paper proposal which should be focused on discussing elements from the course in relation to their individual doctoral research project. .

Module 2: 3 months after course start: (3 days): Lectures and phd student seminar where students present their drafts for the course paper.

Computer-based tools

Not applicable

Learning process and workload

The first seminar takes place early in the semester and introduces the students to the course, its objectives, content, methods and participant responsibilities. Moreover, lectures by the professors teaching will present current research topics within the field of service innovation.

The students will then work individually through a period of 2 1/2 months preparing for the following seminar, where they present their papers. The papers are reviewed by fellow students and discussed in plenary sessions.

Topics covered:

Schumpeterian and neo-schumpeterian perspectives on innovation in services

Services: growth, characteristics, innovation

Innovations in the financial sector

Public sector innovations

Innovations in tourism

Innovation systems and innovation in services

Innovation and infrastructure systems

Innovations, productivity and knowledge in services

Entrepreneurship in services

Workload:

Lectures and seminars 30 hours

Reading and seminar preparations 100 hours

Writing of course paper 45 hours

Total 175 hours

Examination

An individual academic paper of about 20 pages is required in addition to active participation in the seminars. The paper should be original work, and be written specifically for this course. Each student will be asked to give a presentation of their course paper in progress, and to serve as opponent discussant for other students.

The grade is pass/fail and process evaluation will be used.

Examination code(s)

DRE 50151 accounts for 100% of the grade

Examination support materials

Not applicable

Re-sit examination

RRe-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.

Additional information

Honour Code

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

Any violation of the honour 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 honour code, please ask.