DRE 4010 Advanced Microeconomics

Programme
Finance and Economics

Responsible for the course
Christian Riis

Department
Department of Economics

Term
According to study plan

ECTS Credits
6

Language of instruction
English

Introduction
The aim of the course is to give the students an understanding of graduate microeconomic theory at a level expected among Ph.D students in economics, finance and related disciplines.
Course structure:
The course will we taught in three intensive modules. Each module consists of 2*5 hours (2 days and 5 hours per day).

Students are required to participate in class – both in discussions and by presenting models/material from the reading lists.

Learning outcome
After taking this course, students are expected to be able to solve standard microeconomic optimization problems using rigorous solution techniques, and to understand the main concepts used in advanced microeconomics.

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
Books:
Mas-Colell, Andreu, Michael D. Whinston and Jerry R. Green. 1995. Microeconomic theory. Oxford University Press

Other:
A collection of articles

Recommended reading

Course outline
Outline

Module 1: Individual decision making and choice under uncertainty

Module 2: General equilbirium, uncertainty and dynamic modelling

Module 3: Contract theory and mechanism design

Computer-based tools

Learning process and workload
Workload (6 ECTS)
Lectures 30 hours
Specified learning activities (including reading) 75 hours
Autonomous student learning (including exam preparation) 75 hours
Total 180 hours

Examination
3 hour written exam.
Pass/fail

Examination code(s)
DRE40103

Examination support materials
BI-approved exam calculator only

BI-approved exam calculator: TEXAS INSTRUMENTS BA II PlusTM.
Instruction manuals can only be used at examinations where "all exam aids" are allowed. In cases where a BI-approved calculator is allowed, only one – 1- such calculator can be brought to the examination premises. In addition one simple calculator can be brought.

Re-sit examination
Next time the course is offered

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.