FORK 1003 Preparatory course for MSc in Business and Economics

Programme
Master of Science in Business and Economics, Preparatory Course - Master

Responsible for the course
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Department
Department of Economics

Term
According to study plan

ECTS Credits
0

Language of instruction
English

Introduction
The students are given a brief overview over key topics in micro, macro, and econometrics. This overview is meant to assist the students in the transfer from Bachelor-level to Master-level.

Learning outcome
BI Norwegian Business School wants to ensure that all students who want to take the Master's part of the Programme in Business and Economics have previous knowledge at the same level in mathematics, economics and method.
Consequently, this intensive preparatory course that covers topics in the set of courses including mathematics, economics and econometrics is recommended for students who have not documented this knowledge in their bachelor's degree

Prerequisites
Bachelor degree in business, economics or eq. qualifying for admission to the MSc in Business and Economics

Compulsory reading
Books:
Gärtner, Manfred. 2009. Macroeconomics. 3rd ed. FT Prentice Hall. Chapter 9 and 14
Pindyck, Robert S. and Daniel L. Rubinfeld. 2009. Microeconomics. 7th ed. Pearson Prentice Hall
Stock, James H., Mark W. Watson. 2012. Introduction to econometrics. 3rd ed. Pearson. Kapittel 1, 6, 7, 12.
Sydsæter, Knut and Peter Hammond. 2008. Essential mathematics for economic analysis. 3rd ed. Prentice Hall. Selected parts from chapters 15 and 16

Recommended reading

Course outline
The main four topics are:
- linear algebra
- econometrics (selection problem, regression analysis, instrumental variable methods),
- issues in microeconomics (examples of possible topics are: consumer theory including preferences and demand functions, theory of the firm including cost concepts and supply, market theory and market forms including duopoly, market failure, welfare theorems, externalities, natural monopolies, dead weight, main concepts of game theory)
- issues in macroeconomics (basic business cycle models, Solow growth model and macroeconomic methodology).

During the course students will be presented with assignments and exercises.

Computer-based tools
It's learning

Learning process and workload
Linear algebra (9 hours)
Time-series econometrics (12 hours)
Issues in microeconomics (12 hours)
Issues in macroeconomics (12 hours)

Examination
There is no exam in this preparartory course

Examination code(s)
Not applicable

Examination support materials
Not applicable

Re-sit examination
Not applicable

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 honor 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 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.