



APPLIES TO ACADEMIC YEAR 2012/2013

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

Erling Røed Larsen, Jon H Fiva

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. 2012. Microeconomics. 8th 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)

Econometrics (12 hours)

Issues in microeconomics (12 hours)

Issues in macroeconomics (12 hours)

Examination

There is no exam in this preparatory 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.