FORK 1003 Preparatory course for MSc in Business and Economics

Program
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

Learning outcome
BI Norwegian School of Management 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 **mandatory** 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 literature
Books:
Gärtner, Manfred. 2006. Macroeconomics. 2nd ed. Harlow : FT Prentice Hall. Chapter 9 and 14
Pindyck, Robert S. and Daniel L. Rubinfeld. 2009. Microeconomics. 7th ed. Upper Saddle River, N.J. : Pearson Prentice Hall. Chapter 12 and 13
Studenmund, A.H. 2006. Using econometrics : a practical guide. 5th ed. Boston, Mass. : Pearson Education. Chapter 9, 10 and 12
Sydsæter, Knut and Peter Hammond. 2008. Essential mathematics for economic analysis. 3rd ed. Harlow : Prentice Hall. Selected parts from chapters 15 and 16

Recommended literature

Course outline
The main four topics are:
• linear algebra
• time-series econometrics (serial correlation
• heteroskedasticity and time-series models),
• issues in microeconomics (monopolistic competition and oligopoly with game theory applications)
• issues in macroeconomics (growth models, fiscal policy and government debt).

During the course students will be presented with compulsory assignments and exercises.
Participation is **mandatory** and students are expected to attend all classes they have been registered for. Attendance will be checked during the course. In the case of an illness or other legal absence studentes are asked to contact the administration.

Computer-based tools
Blackboard

Course structure
Linear algebra (9 hours)
Time-series econometrics (12 hours)
Issues in microeconomics (12 hours)
Issues in macroeconomics (12 hours)

Evaluation
There is no exam in this preparartory course, but there will be a set of mandatory assignments.

Evaluation code(s)
Not applicable

Aids at the examination
Not applicable

Makeup exam
Not applicable

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.