



APPLIES TO ACADEMIC YEAR 2007/2008

MET 2214 Mathematics elective

Program

Bachelor of Science in Business (3. year).

Responsible for the course

Tron Foss

Department

Economics

Term

According to study plan

ECTS Credits

6

Language of instruction

Norwegian

Objective

This course is primarily for students who choose to specialize in finance or economics.

The course will also be useful for students who plan to do empirical studies involving multivariate statistics.

Prerequisites

The subjects of first year mathematics and statistics are assumed well known

Compulsory literature

Books:

Bjørnstad, Harald ... [et al.]. 2004. Matematikk for økonomi og samfunnsfag. 6. utg eller senere utgaver.. Kristiansand: Høyskoleforlaget

Ross, Sheldon M. 2007. Introduction to probability models. 9th ed.. Amsterdam : Elsevier. Kap 1, Kap 2 og utvalgte deler fra Kap 3.

Other:

Litteraturen vil bli supplert med handouts

Recommended literature

Course outline

- Probabilitydistributions
- Differentialequations
- Economic optimization
- Linear Algebra

Computer-based tools

Course structure

36 hours lectures

Evaluation

A five-hour individual written exam at the end of the course.

Evaluation code(s)

Met 22141 - Written exam, count 100% of grade in Met 2214 , Mathematics elective, 6 points

Aids at the examination

All aids permitted.

Support materials at written examinations are explained under exam information in our web-based student handbook. Please note use of calculator. <http://www.bi.no/studenthandbook>

Makeup exam

Make- up exams are arranged at next ordinary exam in this course.