MET 2214 Mathematics elective

Program
Bachelor of Science in Business (3. year)., Bachelor of Science in Marketing (3. year)

Responsible for the course
Tron Foss

Department
Economics

Term
According to study plan

ECTS Credits
6

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:
Bjørnestad, Harald ... [et al.].. 2004. Matematikk for økonomi og samfunnsfag. 6. utg eller senere utgaver.. Kristiansand: Høyskoleforlaget
Ross, Sheldon M.. 2003. Introduction to probability models.. 8th ed.. Amsterdam: Academic Press. Kap 1, Kap 2 og utvalgte deler fra Kap 3.

Other:
Litteraturen vil bli suplert 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

Makeup exam
Make- up exams are arranged whenever there is an ordinary exam in this course