



APPLIES TO ACADEMIC YEAR 2010/2011

MET 2214 Mathematics elective

Programme

Bachelor of Science in Business (3. year).

Responsible for the course

Department

Department of Economics

Term

According to study plan

ECTS Credits

6

Language of instruction

Norwegian

Introduction

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 reading

Books:

Bjørnstad, Harald ... [et al.]. 2007. Matematikk for økonomi og samfunnsfag. 7. utg. Kristiansand : Høyskoleforlaget

Ross, Sheldon M. 2010. Introduction to probability models. 10th ed. Amsterdam : Elsevier. Kap 1, Kap 2 og utvalgte deler fra Kap 3.

Other:

Litteraturen vil bli supplert med handouts

Recommended reading

Course outline

- Probabilitydistributions
- Differentialequations
- Economic optimization
- Linear Algebra

Computer-based tools

Course structure

36 hours lectures

Examination

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

Examination code(s)

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

Examination support materials

All aids + calculator TEXAS INSTRUMENTS BA II Plus™ are allowed.

Exam aids at written examinations are explained under exam information in our web-based Student handbook. Please note use of calculator and dictionary.
<http://www.bi.edu/studenthandbook/examaids>

Re-sit examination

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

Additional information

Due to changes in our Bachelor Programmes from autumn 2009, there also will be changes in every single course.

This course will be lectured for the last time spring 2011. Then re-sit exam will be offered every term even spring 2013.