SYLLABUS

Basic Mathematics for programmes in business and economics 3 credits M0025M

Grundläggande matematik för ekonomstudier

Course syllabus admitted: Autumn 2007 Sp 1 - Spring 2009 Sp 4
DECISION
The syllabus is valid from Autumn 2007.

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Basic Mathematics for programmes in business and economics 3 credits M0025M

Grundläggande matematik för ekonomstudier

First cycle, M0025M

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G#		Mathematics

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and General admittance requirements

Selection

The selection is based on final school grades or Swedish Scholastic Aptitude Test.

Examiner

Robert Lundqvist

Course Aim

The intention is to:
* practice on concepts, skills and mathematical methods relevant to studies in business and economics
* become better acquainted with mathematical methods and concepts of particular relevance to studies in business and economics

Contents

Topics covered are algebra, inequalities, linear equations, simultaneous linear equations, functions (exponential functions and others), logarithms, differentiation and sums. Other topics regarded as especially relevant to the actual diploma are also covered: some examples are indices, discounted cash flows. Some statistical methods are also covered.

Realization

The basic assumption is that since mathematical skills often are forgotten, repetition is beneficial almost regardless of previous knowledge. The intention is therefore to provide an opportunity to work in one\'s own speed with the different areas. Through answering web-based question sets covering different topics, the student should get the possibility to practice and also to see what areas need further study.

The question sets are organized to provide prompt feedback. All questions in a given set should be answered correctly to pass the course. Each set can be repeated several times if needed, a period during which the student also can get support from the teacher.

The goal is that these question sets should make it possible for the student to practice in a flexible and comfortable setting.

Examination

All questions in a set must be correctly answered. All sets should be dealt with in this way.

Overlap

The course M0025M is equal to MAM275

Literature. Valid from Autumn 2007 Sp 1

*Gymnasieskolans böcker i matematik
*Månsson, J. (2006), Grundläggande matematik för samhällsvetare och ekonomer, Studentlitteratur.
*Blomqvist, L., Klefsjö, B. & Söderström, U. (1986), Grundläggande matematik för ekonomstudier.

Course offered by

Department of Mathematics

Items/credits

Number	Type	Credits	Grade
0001	Quiz	3	U G#

Syllabus established

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