



Sveriges lantbruksuniversitet  
Swedish University of Agricultural Sciences

# SLUkurs

## Syllabus

**PFG0005 Mathematics, 7.5 credits**

## Syllabus approved

2002-06-04

## Subjects

Mathematics

## Education cycle

Third cycle

## Grading scale

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

## Language

English

## Prior knowledge

Basic knowledge in mathematics (calculus and elementary algebra) is recommended but not required.

## Objective, including learning outcomes

The aim of this course is to give basic knowledge in mathematics for PhD-students from different disciplines.

**Content**

The course will cover the following topics: analysis (functions, differentiation, integration in one and several variables), linear algebra (vectors, matrices) and differential equations.

**Requirements for examination**

Approved exercises and written examination.

**Additional information****Responsible department**

Department of Forest Economics