



AH2003 Macroeconomics 7.5 credits

Makroekonomi

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for AH2003 valid from Autumn 2007

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Specific prerequisites

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The objective of the course is to provide the students with theories and methods for analysing macroeconomic growth, including endogenous economic growth related to human capital, R&D and innovation. The students should also learn how to model, analyze and forecast the development of aggregate variables in both static and dynamic frameworks.

Learning outcome

- The ability to seek relevant macroeconomic models for specific problems.
- Skills to analyze and characterize long-term growth of countries on the basis of macroeconomic time series.

Course contents

- Technical Progress and Production Function
- Sources of Productivity Growth
- Productivity Growth at the Firm Level and at the Aggregate Level
- Basic Research, Public Goods and Externalities
- Efficiency and innovation
- Competition, Monopoly and Technical Change.

Course literature

Charles I Jones; Introduction to Economic Growth, second edition

Additional papers and materials will be delivered by the course administration.

Examination

- INL1 - Term Paper, 1.5 credits, grading scale: A, B, C, D, E, FX, F
- TEN1 - Examination, 6.0 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

Term paper, written exam.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.