



# ME1310 Economics for I 6.0 credits

## Nationalekonomi för I

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

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

## Establishment

Course syllabus for ME1310 valid from Autumn 2019

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

ME1314 Introduction to industrial management completed

## Language of instruction

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

## Intended learning outcomes

This introductory course teaches the fundamentals of microeconomics and macroeconomics for students with a technical background. After completing the course you will be able to:

1. Account for and use concepts, models and theories within the microeconomic field.
2. Account for and use concepts, models and theories within the macroeconomic field.
3. Analyze real microeconomic problems, compile and report the results in writing/orally.
4. Analyze real macroeconomic problems, compile and report the results in writing/orally.

## Course contents

- Assumptions and models within economics.
- What determines prices? The interplay between supply and demand.
- Elasticity: price sensitivity of supply and demand.
- Government, taxes and efficiency.
- Externalities and environmental policy.
- Production, technology and costs.
- Perfect competition and monopoly.
- GDP and national accounts.
- Unemployment and inflation.
- Economic growth and business cycles.
- Aggregated supply and demand.
- IS/LM-model.
- Fiscal and monetary policy.

## Examination

- SEM2 - Seminar, 1.0 credits, grading scale: P, F
- SEM3 - Seminar, 1.0 credits, grading scale: P, F
- TEN3 - Exam, 2.0 credits, grading scale: A, B, C, D, E, FX, F
- TEN4 - Exam, 2.0 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.

## 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.