



**LUND**  
UNIVERSITY

School of Economics and Management

## **NEKA51, Economics: Microeconomic Theory with Applications, 11 credits**

*Nationalekonomi: Mikroekonomisk teori med tillämpningar, 11 högskolepoäng*  
First Cycle / Grundnivå

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### **Details of approval**

The syllabus was approved by The Board of the Department of Economics on 2011-06-07 to be valid from 2011-06-07, autumn semester 2011.

### **General Information**

This is an online introductory course in economics. The course is optional within a number of undergraduate programs at Lund University.

*Language of instruction:* Swedish  
Teaching is in Swedish.

*Main field of studies*

Economics

*Depth of study relative to the degree requirements*

G1N, First cycle, has only upper-secondary level entry requirements

### **Learning outcomes**

#### **Knowledge and understanding**

Students shall be able to:

- use basic microeconomic models,
- give an account of the main questions and problems within economics,
- explain how prices are determined and resources are allocated in a market economy with different levels of competition,
- discuss the long-term effects of economic changes by taking behavioural changes and changing equilibrium prices into account,
- give an account of the Swedish public sector, its scope and dimensions,
- generalise their knowledge to economic problems that have not been treated during the course.

## Competence and skills

Students shall have the ability to independently:

- decide what microeconomic model is applicable to a given problem,
- analyse free market processes,
- understand and analyse the role of government in the economy,
- place microeconomic theory in a scientific context,
- give an account of and discuss their microeconomic abilities.

## Judgement and approach

Students shall develop the ability to pursue further studies in the subject. Students shall have the ability to analyse economic questions with a high degree of independence. Students shall also adopt a critical and scientific approach.

## Course content

The course starts with a short introduction to the central questions within economics followed by a presentation of the necessary institutions in a free market economy. The pricing problem is developed within a model of supply and demand. This model acts as a starting point for a deeper analysis of consumer and producer behaviour. Choice and decision making is analysed using preferences and utility functions. On the supply side, three alternative market structures are studied: perfect competition, monopolistic competition, and monopoly. The role of the government is analysed from three different perspectives: welfare economics, where the government corrects market failures; public choice, where the government is run by utility maximising politicians and bureaucrats; and new institutional economics, with a focus on owners' rights and transaction costs.

No specific gender perspective is adopted in this course.

## Course design

1. Teaching: The course is an internet based course for distance learning and does not consist of any traditional tuition. Tuition takes place through the internet.

## Assessment

1. Examination: Written exams take place at the end of the course. There will be further opportunities for examination close to this date. In addition, there are home assignments and interned based teste. Other forms of examination can be included to a limited extent.

2. Limitations on the number of examination opportunities: –

The University views plagiarism very seriously, and will take disciplinary action against students for any kind of attempted malpractice in connection with examinations and assessments. Plagiarism is considered to be a very serious academic offence. The penalty that may be imposed for this, and other unfair practices in examinations or

assessments, includes suspension from the University for a specified period.

*Subcourses that are part of this course can be found in an appendix at the end of this document.*

## **Grades**

Marking scale: Fail, E, D, C, B, A.

1. Grading: The official grading scale is A, B, C, D, E and Fail.
2. Weighting grades for different parts of the course: –
3. Grading scales for different parts of the course: –

## **Entry requirements**

General and courses corresponding to the following Swedish Upper Secondary School Programs: English 6, Mathematics 3b/3c and Social Studies 1b/1a1+1a2.

## **Further information**

1. Transitional regulations: This course replaces NEKB11 "Microeconomic Theory with Applications".
2. Limitations in the period of validity: –
3. Limitations: This course cannot be included in the same degree as either of the courses NEKB11 "Microeconomic Theory with Applications", NEK103 "Microeconomic Theory with Applications", the sub-course "Microeconomic Theory with Applications" in NEKA11 "Economics: Level 1" or the sub-course "Microeconomic Theory with Applications" in NEKA12 "Economics: Level 1".
4. Similar courses: The course has the same content as the sub-course "Microeconomic Theory with Applications" in NEKA12 "Economics: Level 1".
5. Limitations in renewed examination: –

## Subcourses in NEKA51, Economics: Microeconomic Theory with Applications

Applies from H11

1101 Microeconomic Theory with Applications, 11,0 hp  
Grading scale: Fail, E, D, C, B, A