

**SYLLABUS**

# **Applied Macroeconomics**

## **7.5 credits N0012N**

**Nationalekonomi A, Tillämpad makroekonomi**

**Course syllabus admitted: Autumn 2023 Sp 1 - Present**

**DECISION DATE**  
**2021-02-17**

# Applied Macroeconomics 7.5 credits N0012N

## Nationalekonomi A, Tillämpad makroekonomi

### First cycle, N0012N

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG *	Nationalekonomi	Economics

### Main field of study

Economics

## 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 completed the course Introductory Macroeconomics (N0011N) 7,5 credits, or equivalent, with at least the grade Pass.

## Selection

The selection is based on 1-165 credits.

## Course Aim

The course is on a basic level, but it builds on the course Introductory Macroeconomics. The course is divided in four areas; labor market policy, economic stabilization policy, history of economic policy, and economic growth. Mostly graphical and oral presentation will be applied, but also mathematical models will be used, in order to illustrate and analyze relevant economic relations. The student's communication will be both oral and written. After the course the student's will be able to:

### **Knowledge and understanding**

- describe the specific macroeconomic conditions of the Swedish economy regarding, for example, the labor market, business cycles and economic growth
- describe the historical development of business cycles and economic growth in Sweden
- describe different economic theories related to economic growth

### **Skills and abilities**

- apply basic macroeconomic theory to analyze macroeconomic issues linked to the labor market, stabilization policy and economic growth
- analyze how economic policy affects the macroeconomic outcome of the economy
- in a group, work with and analyze various applied macroeconomic issues
- present, motivate and discuss the analyzes and solutions of various macroeconomic issues
- in a group, carry out an analysis of an applied macroeconomic problem and report it in writing

### **Judgement**

- discuss and relate to the economic policy in Sweden and its effects on e.g. economic activity, economic growth and the labor market

## Contents

The following areas are addressed:

### Labor market policy:

- Structural unemployment and application of the Beveridge curve
- NAIRU and its determinants
- Swedish unemployment and its determinants
- Gender equality in wage statistics
- Active and passive labor market policy

### Stabilization policy in practice:

- The purpose of stabilization policy
- Different economic forecasts
- Make forecasts on the economy using the AS-AD model
- Different stabilization policy approaches; rule-based or discretionary
- Criticism of active stabilization policy
- The institutional framework for stabilization policy in Sweden

### Stabilization policy during the 20th century, until today:

- Historical exchange rate regimes
- The history of stabilization policy in Sweden
- Political business cycle
- EMU, Sweden and the Euro
- Financial crises

### Economic growth:

- Growth accounting
- Neoclassical growth theory (Solow model)
- Endogenous growth theory
- Institutional theory
- Income distribution

## Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

The teaching takes the form of lectures, self-study and seminars where the students in group's discuss and present solutions to current problems related to the course areas. Prior to the lectures, the students have the opportunity to conduct individual exams (smaller preparatory tests), which mainly deal with basic concepts and problems. The purpose of the preparatory tests is to stimulate learning and prepare the student for the lectures and seminars. The theoretical lectures are supplemented with guest lectures, the purpose of which is to show how the course problems and theoretical reasoning are used practically within, for example, authorities or various organizations. In the course, a written report will also be conducted in which a current macroeconomic problem is analyzed using various macroeconomic tools and reasoning.

## Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. The course includes four compulsory seminars corresponding to 1.5 credits. At the seminars, students will orally, both in groups and individually, present, motivate and discuss solutions to economic problems related to the various areas in the course. The seminars mainly examine generic abilities such as oral presentation and collaboration in groups. At the seminars the grades U, G are given.

The course also includes a written report in a group corresponding to 1.5 credits. The report will analyze a current macroeconomic problem, which requires independent collection of data and facts relevant to the problem. The report gives the grades U, G.

The course is concluded with a written individual exam corresponding to 4.5 credits. The grades U, G, VG are given on the exam. The exam determines the final grade on the course.

## Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

## Remarks

Students must register for the courses themselves or contact ETKS educational administration, [eduetks@ltu.se](mailto:eduetks@ltu.se) not later than three days after the quarter commences. Failure to do so can result in the place being lost. This rule also applies to students with a guaranteed place.

## Overlap

The course N0012N is equal to IEN342

## Course offered by

Department of Social Sciences, Technology and Arts

## Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0002	Written report	U G#	1.5	Mandatory	A07	
0003	Written exam	U G VG *	4.5	Mandatory	A11	
0004	Seminars	U G#	1.5	Mandatory	A11	

## Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

## Last revised

by Director of Undergraduate Studies Daniel Örtqvist, Department of Social Sciences, Technology and Arts 2021-02-17

## Syllabus established

by Department of Business Administration and Social Sciences 2007-02-28