



APPLIES TO ACADEMIC YEAR 2016/2017

## ELE 3729 Applied Microeconomics

### Programme

Elective

### Responsible for the course

Terje Synnøstvedt

### Department

Department of Economics

### Term

According to study plan

### ECTS Credits

7,5

### Language of instruction

Norwegian

### Introduction

#### Learning outcome

The main objective of this course is to give students insight into how key economic issues can be analyzed by microeconomic theory. Students will develop an understanding of why we have a public sector and how government intervention, including direct and indirect regulations, affects the economy. Students will gain insight into the purpose and elements of cost-benefit analysis and develop an understanding of the complexities associated with privatization and competition issues.

#### Acquired knowledge

After completing the course, students should be able to explain phenomena in an unregulated economy that creates an efficient use of scarce resources, including phenomena such as externalities, public goods, imperfect competition, natural monopoly and imperfect information. The students should be able to propose measures, where such phenomena exist, providing a better resource allocation. Students should be able to explain the different steps of a cost-benefit analysis, and be able to discuss the advantages and disadvantages of specific privatization and competition issues. The students should also be able to explain what is meant by competitive advantages.

#### Acquired skills

Students should be able to determine what microeconomic approach that is most relevant to investigate a specific problem. Furthermore, students should be able to analyze a problem using both verbal, graphical and mathematical presentations.

#### Reflection

The students should develop a critical sense to statements related to the society's allocation of resources and be able to assess an economic issue from different individuals / groups' interests.

#### Prerequisites

SØK 3520 Microeconomics or equivalent

#### Compulsory reading

##### Books:

Grønn, Erik. 2016. Anvendt mikroøkonomi. 3. utg. Cappelen akademisk. Utvalgte deler

#### Recommended reading

##### Course outline

- Efficiency
- Taxes and subsidies
- Market failure (externalities, public goods, imperfect competition, natural monopoly and imperfect information).
- Public sector, some facts
- Government failure
- Taxation
- Cost-benefit analysis
- Environmental Economics

- Industrial organization
- International trade
- Privatization and competition

### Computer-based tools

No specified computer-based tools are required

### Learning process and workload

The course consists of 36 lecture hours + 6 hours of plenary review of exercises.

Recommended use of hours for students:

| Activity   | Use of hours |
|--|--------------|
| Lectures   | 36           |
| Plenary review of exercises                          | 6            |
| Preliminary self-study in advance and after lecturer | 100          |
| Solving exercises                                    | 55           |
| Examination  | 3            |
| <b>Total use of hours recommended</b>                | <b>200</b>   |

### E-learning

In course delivery as online courses or evening classes, will lecturer, in collaboration with the Academic Services Network and evening studies, organize an appropriate combination of digital and class room teaching. Online students are also offered a study guide, which will help progression and overview. Total recommended amount of time for completion of the course also applies here.

### Use of hours

36 hours - Lectures

6 hours - Plenary review of exercises

3 hours - Constructing exercises

45 hours - Total

### Examination

A three hours individual written exam concludes the course.

### Examination code(s)

ELE 37291 - Written exam, counts for 100% to obtain final grade in ELE 3729, 7,5 credits.

### Examination support materials

BI approved exam calculator. Examination support materials at written examinations are explained under examination information in the student portal @bi. Please note use of calculator and dictionary in the section on support materials ([https://at.bi.no/EN/Pages/Exa\\_Hjelpemidler-til-eksamen.aspx](https://at.bi.no/EN/Pages/Exa_Hjelpemidler-til-eksamen.aspx)).

### Re-sit examination

For electives re-sit is normally offered at the next scheduled course. If an elective is discontinued or is not initiated in the semester it is offered, re-sit will be offered in the electives ordinary semester.

### Additional information