Opasraportti


ECONOMICS

Details.

Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

721208P: Additional Courses in Economics, Basic Level, 0 op
721002A: Additional Courses in Economics, Intermediate Level, 0 op
721247A: Analysis of Competition, 5 op
721226A: Basic Econometrics, 5 op
721245A: Development Economics, 5 op
721339S: Econometric Analysis, 6 op
721343A: Economics and Management of Intellectual Property, 5 op
721672S: Economics of Network Industries, 6 op
721248A: Environmental Economics, 5 op
721334S: Environmental and Resource Economics, 6 op
721241A: Field Project, 5 op
721342S: Game Theory, 6 op
721313P: History of Economic Thought, 5 op
721333S: Industrial Organization, 6 op
721650P: Information Goods, 5 op
721384S: Interest and Exchange Rate Markets, 6 op
721215A: Intermediate Macroeconomics, 5 op
721216A: Intermediate Microeconomics, 5 op
721317S: International Economics, 6 op
721242A: Labour Economics, 5 op
721310S: Macroeconomic Analysis, 6 op
721330S: Master's Thesis, Economics, 30 op
721220A: Mathematical Economics, 5 op
721320S: Microeconomic Analysis, 6 op
721341S: Political Economics, 6 op
721210P: Principles of Economics, 5 op
721236P: Principles of Environmental Economics, 5 op
721218P: Principles of International Economics, 5 op
721217P: Public Sector Economics, 5 op
721249A: Resource Economics, 5 op
721230A: Seminar in Economics, 10 op
721336S: Special Issue, 6 op
721115P: Theory of Money, Banking and Monetary Policy, 5 op
721237P: Urban and Regional Economics and Policy, 5 op
Opintojaksojen kuvaukset

Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

721208P: Additional Courses in Economics, Basic Level, 0 op

Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Voidaan suorittaa useasti: Kyllä

ECTS Credits:
0 credits
Timing:
Free
Assessment methods and criteria:
Depends on the course. Courses in other Finnish or foreign universities can also be included.
Person responsible:
The Professors of Economics

721002A: Additional Courses in Economics, Intermediate Level, 0 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Voidaan suorittaa useasti: Kyllä

ECTS Credits:
5 credits
Timing:
Free
Assessment methods and criteria:
Depends on the course. Courses in other Finnish or foreign universities can also be included.
Person responsible:
The Professors of Economics

721247A: Analysis of Competition, 5 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Maria Kopsakangas-Savolainen
Opintokohteen kielet: Finnish
ECTS Credits: 5 credits
Timing: Period D
Contents:
Functioning of imperfect competition, monopoly, oligopoly (Cournot and Bertrand), cartel, price discrimination,
product differentiation, principles of game theory, strategic behavior, innovations and research and development.
Learning activities and teaching methods:
Lectures and independent reading of the textbooks
Recommended or required reading:
Assessment methods and criteria:
Literature examination
Person responsible:
Maria Kopsakangas-Savolainen, Ph.D. (Econ.&Bus.Adm.)

**721226A: Basic Econometrics, 5 op**

Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Pakola, Jukka Tero Johannes
Opintokohteen kielet: Finnish
Voidaan suorittaa useasti: Kyllä

ECTS Credits: 5 credits
Timing: Period D
Contents:
The main focus of this course is on the analysis of different linear and time series models.
Learning activities and teaching methods:
30 hours of lectures, 24 hours of exercises and independent reading of the textbooks
Recommended or required reading:
other material announced during the lectures
Assessment methods and criteria:
Lectures and a literature examination
Person responsible:
Artti Juutinen, D.Sc. (econ)

**721245A: Development Economics, 5 op**

Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Puhakka Mikko
Opintokohteen kielet: Finnish
Voidaan suorittaa useasti: Kyllä

ECTS Credits: 5 credits
Timing: Periods A-B
Contents:
Topics include uneven distribution of wealth between nations, poverty, population growth, immigration, impact of economic policy on economical development.

**Learning activities and teaching methods:**
Independent reading of the textbook.

**Recommended or required reading:**

**Assessment methods and criteria:**
Literature examination.

**Person responsible:**
Prof. Mikko Puhakka

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**721339S: Econometric Analysis, 6 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuysikkö:** Faculty of Economics and Business Administration

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Rahiala Markku

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**
6 credits

**Timing:**
Periods A-B

**Contents:**
Model diagnostics concerning linear and non-linear regression models, instrumental estimation, simultaneous-equation models, general testing principles, vector autoregressive models.

**Learning activities and teaching methods:**
37 hours of lectures, 27 hours of exercises with PCGIVE- and PCFIML- programmes and independent reading of the textbooks. The lecture notes are available on the home pages of the lecturer.

**Recommended or required reading:**

**Assessment methods and criteria:**
Lectures and/or literature examination

**Person responsible:**
Markku Rahiala, Professor in Econometrics

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**721343A: Economics and Management of Intellectual Property, 5 op**

**Voimassaolo:** 01.08.2007 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuysikkö:** Faculty of Economics and Business Administration

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Tuomas Takalo

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

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**721672S: Economics of Network Industries, 6 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course
We take a game theoretic approach to study dynamics of company structure, strategic decision-making and market development in network industries. We also focus on the effects of social interaction on consumers’ choices.

**Recommended or required reading:**
Shy (2001): Economics of Network Industries

**Person responsible:**
Timo Koivumäki, D.Sc.(Econ.&Bus.Adm.), Professor

### 721248A: Environmental Economics, 5 op

**Opiskelumuoto:** Intermediate Studies  
**Laji:** Course  
**Vastuuysikkö:** Faculty of Economics and Business Administration  
**Arvostelu:** 1 - 5, pass, fail  
**Opettajat:** Mäntymaa, Erkki Paavo  
**Opintokohteen kielet:** Finnish  
**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**  
5 credits  
**Timing:**  
Period B  
**Contents:**  
Especially it focuses on problems of economic incentives of environmental policy and theory and methods on monetary valuation of environmental benefits.

**Learning activities and teaching methods:**
30 hours of lectures, independent reading of the textbooks and exercises in Internet-environment  

**Recommended or required reading:**

**Assessment methods and criteria:**
Lectures and literature examination, internet exercises. It is possible to complete the course with a literature examination and essay when the course is not lectured. Textbooks: Kolstad, C.D.: Environmental Economics, 2000.

**Person responsible:**
Erkki Mäntymaa, D.Sc.(Econ.&Bus.Adm.),

### 721334S: Environmental and Resource Economics, 6 op

**Opiskelumuoto:** Advanced Studies  
**Laji:** Course  
**Vastuuysikkö:** Faculty of Economics and Business Administration  
**Arvostelu:** 1 - 5, pass, fail  
**Opettajat:** Mäntymaa, Erkki Paavo  
**Opintokohteen kielet:** English  
**Leikkaavuudet:**

721248S  Environmental and Resource Economics  6.0 op
Environmental Economics

ECTS Credits: 6 credits
Timing: Periods C-D
Contents: The course consists of the concept of market failure, economic incentives for environmental protection including pollution taxes and tradable pollution permits, transboundary pollution problems, economic theory of exploration of renewable and non-renewable natural resource, the theory of non-market valuation and methods for valuing environmental costs and benefits, and the economics of sustainable development.

Learning activities and teaching methods: Independent reading of the textbook
Assessment methods and criteria: Literature examination
Person responsible: Erkki Mäntymaa, D.Sc.(Econ.&Bus.Ad.),

Field Project, 5 op

Opiskelumuoto: Intermediate Studies
Laji: Practical training
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits: 5 credits
Timing: Semester: Autumn and Spring
Learning outcomes: During seminars student will present four separate papers starting from subject analysis and ending with the final report.
Contents: During seminars student will present four separate papers starting from subject analysis and ending with the final report.
Person responsible: The professor(s) of economics

Game Theory, 6 op

Opiskelumuoto: Advanced Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Marja-Liisa Halko
Opintokohteen kielet: English

ECTS Credits: 6 credits
Timing: Period D
Contents:
Basic concepts of game theory, Games of perfect information (normal and extensive form games, Nash equilibrium, mixed strategy equilibrium), Games of imperfect information (Bayesian games).

**Learning activities and teaching methods:**
Lectures, both pre-and post-lecture exercises

**Recommended or required reading:**

**Assessment methods and criteria:**
Lectures and literature examination

**Person responsible:**
Marja-Liisa Halko, DSocSc, researcher, University of Helsinki

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**721313P: History of Economic Thought, 5 op**

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuysikkö:** Faculty of Economics and Business Administration

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Junttila, Juha Pekka

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**
5 credits

**Timing:**
Periods A-B

**Contents:**
Review of the central schools and researchers in economics

**Learning activities and teaching methods:**
Independent reading of the textbooks

**Recommended or required reading:**

**Assessment methods and criteria:**
Literature examination

**Person responsible:**
Juha Junttila, D.Sc. (Econ.&Bus.Adm), Professor

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**721333S: Industrial Organization, 6 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuysikkö:** Faculty of Economics and Business Administration

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Maria Kopsakangas-Savolainen

**Opintokohteen kielet:** English

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**
6 credits

**Timing:**
Periods A-D

**Contents:**
In the beginning the basics of the non-cooperative game theory will be examined and used later on to analyze the behavior of firms.

**Learning activities and teaching methods:**
Independent reading of the textbooks

**Recommended or required reading:**
721650P: Information Goods, 5 op

**Voimassaolo:** 31.07.2010

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuysikkö:** Faculty of Economics and Business Administration

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**
5 credits

**Timing:**
Period C

**Contents:**
We study the cost structure and pricing of info goods, consumer lock-in and switching costs as well as co-operation, compatibility and standards.

**Recommended or required reading:**
Shapiro & Varian (1999): Information rules, Harvard Business School Press; Shy (2001): Economics of Network Industries (chapter 7); other material announced during the lectures

**Assessment methods and criteria:**
Lectures and literature examination

**Person responsible:**
Timo Koivumäki, D.Sc.(Econ.&Bus.Adm.), Professor

721384S: Interest and Exchange Rate Markets, 6 op

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuysikkö:** Faculty of Economics and Business Administration

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Junttila, Juha Pekka

**Opintokohteen kielet:** English

**ECTS Credits:**
6 credits

**Timing:**
Periods C-D

**Contents:**
Calculating the earnings of interest rate markets, discrete models for the term structure of interest rates, Calculating the earnings of currency markets

**Learning activities and teaching methods:**
Independent reading of the textbooks

**Recommended or required reading:**

**Assessment methods and criteria:**
Literature Examination

**Person responsible:**
Juha Junttila, D.Sc.( Econ.&Bus.Adm.)
**721215A: Intermediate Macroeconomics, 5 op**

**Opiskelumuoto:** Intermediate Studies  
**Laji:** Course  
**Vastuuysikkö:** Faculty of Economics and Business Administration  
**Arvostelu:** 1 - 5, pass, fail  
**Opettajat:** Junttila, Juha Pekka  
**Opintokohteen kielet:** Finnish  
**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**  
5 credits  
**Timing:**  
Period D  
**Contents:**  
Measuring system of the economy, economic growth, functioning of labour markets, monetary and financial politics, international monetary economy, inflation and business cycles.  
**Learning activities and teaching methods:**  
30 hours of lectures, 12 hours of exercises and independent reading of the textbooks  
**Recommended or required reading:**  
**Assessment methods and criteria:**  
Lectures and a literature examination  
**Person responsible:**  
Juha Junttila D.Sc. (Econ. & Bus. Adm.) Professor

**721216A: Intermediate Microeconomics, 5 op**

**Opiskelumuoto:** Intermediate Studies  
**Laji:** Course  
**Vastuuysikkö:** Faculty of Economics and Business Administration  
**Arvostelu:** 1 - 5, pass, fail  
**Opettajat:** Puhakka Mikko  
**Opintokohteen kielet:** Finnish  
**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**  
5 credits  
**Timing:**  
Period B  
**Contents:**  
Basic concepts and applications of microeconomics  
**Learning activities and teaching methods:**  
30 hours of lectures, 12 hours of exercises and independent reading of the textbooks  
**Recommended or required reading:**  
**Assessment methods and criteria:**  
Lectures and exercises, final exam.  
**Person responsible:**  
Prof. Mikko Puhakka

**721317S: International Economics, 6 op**

**Opiskelumuoto:** Advanced Studies  
**Laji:** Course
ECTS Credits:
6 credits

Timing:
Periods C-D

Contents:
Theory of foreign trade, models of foreign trade and their applications in research of international economics problems.

Learning activities and teaching methods:
30 hours of lectures, 12 hours of exercises and independent reading of the textbooks

Recommended or required reading:

Language of instruction: Finnish

Assessment methods and criteria:
Lectures and literature examination

Person responsible:
Marko Korhonen, Lic.Sc.(Econ.&Bus.Adm.)

721242A: Labour Economics, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuysikkö: Faculty of Economics and Business Administration

Arvostelu: 1 - 5, pass, fail

Opettajat: Tapani Kovalainen

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:
5 credits

Timing:
Periods B-C

Contents:
Demand and supply theories of labor in different markets. Especially the case of labor market in Europe

Learning activities and teaching methods:
Independent reading of the textbooks

Recommended or required reading:

Assessment methods and criteria:
Literature examination.

Person responsible:
Tapani Kovalainen, D.Sc.(Econ.&Bus.Adm.)

721310S: Macroeconomic Analysis, 6 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuysikkö: Faculty of Economics and Business Administration

Arvostelu: 1 - 5, pass, fail

Opettajat: Puhakka Mikko
Opintokohteen kielet: English
Voidaan suorittaa useasti: Kyllä

ECTS Credits:
6 credits
Timing:
Period B
Contents:
Macroeconomics models for the long and short run analysis. The methods and ways of thinking learned during the course are useful also in other fields of economics
Learning activities and teaching methods:
40 hours of lectures, 20 hours of exercises and independent reading of the textbooks
Recommended or required reading:
Assessment methods and criteria:
Lectures and literature examination
Person responsible:
Juha Junttila D.Sc.(Econ.&Bus.Adm.) Professor

721330S: Master's Thesis, Economics, 30 op

Opiskelumuoto: Advanced Studies
Laji: Diploma thesis
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: A,B,N,C,M,EX,L
Opintokohteen kielet: Finnish

ECTS Credits:
30 credits
Timing:
Semester: Autumn and Spring
Contents:
During seminars student will present four separate papers starting from subject analysis and ending with the final report.
Learning activities and teaching methods:
Seminars
Recommended or required reading:
Assigned readings
Assessment methods and criteria:
Seminars
Person responsible:
The professor(s) of economics

721220A: Mathematical Economics, 5 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Marko Korhonen, Matti Koivuranta
Opintokohteen kielet: Finnish
Voidaan suorittaa useasti: Kyllä

ECTS Credits:
5 credits
Timing:
Period A
Contents:
The issues studied during the course are: equilibrium analysis, comparative statistics, optimization and dynamic models
Learning activities and teaching methods:
30 hours of lectures, 20 hours of exercises and independent reading of the textbooks
Recommended or required reading:
Assessment methods and criteria:
Lectures and exercises, literature examination
Person responsible:
Maria Kopsakangas-Savolainen Ph.D.(Econ.&Bus.Ad.)

721320S: Microeconomic Analysis, 6 op
Opiskelumuoto: Advanced Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Puhakka Mikko
Opintokohteen kielet: English
Voidaan suorittaa useasti: Kyllä

ECTS Credits:
6 credits
Timing:
Periods C-D
Contents:
Microeconomic theory and applications
Learning activities and teaching methods:
48 hours of lectures, 24 hours of exercises and independent reading of the textbook.
Recommended or required reading:
Assessment methods and criteria:
Lectures and literature examination
Person responsible:
Prof. Mikko Puhakka

721341S: Political Economics, 6 op
Opiskelumuoto: Advanced Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Puhakka Mikko
Opintokohteen kielet: Finnish
Voidaan suorittaa useasti: Kyllä

ECTS Credits:
6 credits
Timing:
Spring
Contents:
Including political business cycles, fiscal and monetary policy, the operation central bank, credibility of policy, time consistency.
Learning activities and teaching methods:
Independent reading of the textbook

**Recommended or required reading:**

**Assessment methods and criteria:**
Literature examination

**Person responsible:**
Prof. Mikko Puhakka

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### 721210P: Principles of Economics, 5 op

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuysikkö:** Faculty of Economics and Business Administration

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Maria Kopsakangas-Savolainen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay721210P  Economics for Business (OPEN UNI)  5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**
5 credits

**Timing:**
Period A.

**Contents:**
Market mechanism: price formation, importance of prices in directing the economic resources, role of consumers, firms and public authority in market economy.

**Learning activities and teaching methods:**
32 hours of lectures, 12 hours of exercises

**Recommended or required reading:**
Begg, David et al.: Economics, 8. ed, London 2005 and other material announced during the lectures.

**Assessment methods and criteria:**
Lectures and a literature examination

**Person responsible:**
Artti Juutinen, D.Sc. (econ)

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### 721236P: Principles of Environmental Economics, 5 op

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuysikkö:** Faculty of Economics and Business Administration

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Mäntymaa, Erkki Paavo

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**
5 credits

**Timing:**
Period C

**Contents:**
The course consists of the definition of scarcity, optimal harvesting models for both renewable and non-renewable natural resources, the taxonomy of effluents, alternative models for controlling pollution abatement and valuation methodology concerning non-market resources and environmental amenities.

**Learning activities and teaching methods:**
30 hours of lectures and independent reading of the text books

**Recommended or required reading:**

**Assessment methods and criteria:**
Lectures and literature examination

**Person responsible:**
Erkki Mäntymaa, D.Sc.(Econ.&Bus.Adm.)

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### 721218P: Principles of International Economics, 5 op

**Voimassaolo:** 31.07.2010

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuysikkö:** Faculty of Economics and Business Administration

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Vilmi Lauri Frans Olavi

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:** 5 credits

**Timing:**
Period B

**Contents:**
The aim of this course is to introduce the functioning and development of international economy and the factors influencing to them.

**Learning activities and teaching methods:**
30 hours of lectures, 12 hours of exercises and independent reading of the textbooks Assessment: Lectures and a literature examination

**Recommended or required reading:**
Ethier, W.J.: Modern International Economics, 3rd ed.; other material announced during the lectures

**Assessment methods and criteria:**
Lectures and a literature examination

**Person responsible:**
Marko Korhonen, Lic.Sc.(Econ.&Bus.Adm.)

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### 721217P: Public Sector Economics, 5 op

**Voimassaolo:** 01.08.2003 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuysikkö:** Faculty of Economics and Business Administration

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Mäntymaa, Erkki Paavo

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:** 5 credits

**Timing:**
Periods A-B

**Contents:**
The aim of the course is to study the function and economical planning of the public sector and economical analysis mostly from microtheoretical point of view. Content: The course will include examining the effects of the public consumption; alternative methods to influence on market failures; effects, advantages and disadvantages of taxation and efficiency differences between public and private sector

**Learning activities and teaching methods:**
Course can be passed with a literature examination during academic year 2006-2007. Next time course is lectured during Autumn 2007.

**Recommended or required reading:**

**Assessment methods and criteria:**
Lectures and/or literature examination

**Person responsible:**
Erkki Mäntymaa, D.Sc.(Econ.&Bus.Adm.)

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**721249A: Resource Economics, 5 op**

- **Voimassaolo:** - 31.07.2010
- **Opiskelumuoto:** Intermediate Studies
- **Laji:** Course
- **Vastuuyksikkö:** Faculty of Economics and Business Administration
- **Arvostelu:** 1 - 5, pass, fail
- **Opettajat:** Juutinen, Artti Markus Tapani
- **Opintokohteen kielet:** Finnish

**ECTS Credits:**
5 credits

**Timing:**
Period B

**Contents:**
Especially it focuses on problems of renewable and non-renewable resources, and recycling.

**Learning activities and teaching methods:**
Literature examination and essay during 2006.

**Recommended or required reading:**
Hartwick & Olewiler (1998): The Economics of Natural Resource Use 2nd ed. Chapters 1-10. Language of instruction: Finnish* *The course can be passed with literature examination in English

**Assessment methods and criteria:**
Literature examination, essay

**Person responsible:**
Artti Juutinen, D.Sc.(econ)

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**721230A: Seminar in Economics, 10 op**

- **Opiskelumuoto:** Intermediate Studies
- **Laji:** Course
- **Vastuuyksikkö:** Faculty of Economics and Business Administration
- **Arvostelu:** 1 - 5, pass, fail
- **Opettajat:** Junttila, Juha Pekka
- **Opintokohteen kielet:** Finnish
- **Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**
10 credits

**Timing:**
Periods A-D

**Contents:**
The aim of this course is to provide an opportunity to practice independent and goal conscious research. During seminars each student will write and present a research paper on chosen economics topic in order to practice research skills and presentation skills.

**Learning activities and teaching methods:**
Writing and presenting two seminar papers.

**Recommended or required reading:**
Material selected by the lecturer

Assessment methods and criteria:
Active participation in seminars. Keeping the schedule in working assignments. Evaluating and acting as an opponent to fellow researchers

Person responsible:
Juha Junttila D.Sc.(Econ.&Bus.Adm.), Maria Kopsakangas D.Sc.(Econ.&Bus.Adm.)

721336S: Special Issue, 6 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuysikkö: Faculty of Economics and Business Administration

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:
6 credits

Timing:
Free

Assessment methods and criteria:
For example 24 h lectures and a literature examination or an extended essay or a practical exercise. The topic of the lecture courses varies. Also courses taken in some other Finnish or foreign universities can be accepted as a completion of the course. Credits depend on the extent of the course

Person responsible:
Professors of Economics

721115P: Theory of Money, Banking and Monetary Policy, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuysikkö: Faculty of Economics and Business Administration

Arvostelu: 1 - 5, pass, fail

Opettajat: Junttila, Juha Pekka

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:
5 credits

Timing:
Periods C-D

Contents:
Financial systems, the concepts of money and finance, determination of interest rates, monetary and financial institutions, supervision of banking, central banks, tools, aims and mechanisms of monetary policy, financial systems of euro zone and the monetary policy of ECB, the connection between monetary policy and aggregate demand and supply

Learning activities and teaching methods:
Independent reading of the textbooks

Recommended or required reading:

Assessment methods and criteria:
Literature examination

Person responsible:
Juha Junttila, D.Sc.(Econ.&Bus.Adm.), Professor
721237P: Urban and Regional Economics and Policy, 5 op

Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Jaakko Simonen
Opintokohteen kielet: Finnish

Leikkaavuudet:

ay721237P Urban and Regional Economics and Policy (OPEN UNI) 5.0 op

Voidaan suorittaa useasti: Kyllä

ECTS Credits:
5 credits

Timing:
Period B

Contents:
Presenting factors leading to birth, growth and diversification of cities. External effects created by cities to their surroundings and polarization of regional growth. Essential features of growth theories and theoretical 'New Economics Geography' research. Factors affecting the innovativeness of high technology companies.

Learning activities and teaching methods:
12 hours of lectures and writing an essay.

Recommended or required reading:

Assessment methods and criteria:
Literature examination and essay

Person responsible:
Jaakko Simonen, Lic. Sc. (Econ.)