This is the study guide of Faculty of Economics and Business Administration, containing information about courses offered in the area of Logistics. The information is valid for the academic year 2006-2007.

Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

721755A: , 5 op
721007P: Additional Courses in Logistics, Basic Level, 0 op
721007A: Additional Courses in Logistics, Intermediate Level, 0 op
721704P: Business Logistics, 5 op
721175A: Business Simulation, 5 op
721424P: Business to Business Marketing, 5 op
721721A: International Logistics and Distribution, 5 op
721703P: Introduction to Materials Management, 5 op
721759S: Logistics Modelling and Applications, 6 op
721724A: Logistics System Analysis, 5 op
721172P: Management Accounting, 5 op
721750S: Master's Thesis, Logistics, 30 op
721414S: Purchasing and Supply Network Management, 6 op
721720A: Seminar in Logistics, 10 op
721754S: Special Issues in Logistics, 6 op
721183A: Strategic Management, 5 op
721464S: Strategic Marketing and Management, 6 op
721675S: Supply Chain Management, 6 op
721753S: Transport Economics and Policy, 6 op
721722A: Transport Law, 5 op
721752P: Transport and Forwarding Operations, 5 op

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

721755A: , 5 op
Voimassaolo: - 31.07.2010
Opiskelumuoto: Intermediate Studies
ECTS Credits:
5 credits

Timing:
Period B

Contents:
Students will be introduced to the economics of transportation (freight and passenger). The topics include transport supply and demand, market structures and competition, pricing, and productivity (cost analysis) issues. The description of and the changes in the business environment of the transportation industry (macro-, micro) are also discussed.

Learning activities and teaching methods:
Lectures 18 h and 6 h problem-based learning (PBL) in groups (participation required). Literature exam and PBL report.

Recommended or required reading:

Assessment methods and criteria:
Literature exam and PBL report.

Person responsible:
Saara Pekkarinen

721007P: Additional Courses in Logistics, 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

Ei opintojaksonkuvausia.

721007A: Additional Courses in Logistics, 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

Ei opintojaksonkuvausia.

721704P: Business Logistics, 5 op

Voimassaolo: 01.08.2005 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail  
Opettajat: Jari Juga  
Opintokohteen kielet: English  

Leikkaavuudet:  
ay721704P  Business Logistics (OPEN UNI)  5.0 op  
721704A  Business Logistics  5.0 op  

ECTS Credits:  
5 credits  
Timing:  
Period A  

Contents:  
The course gives an overview of the company’s logistics activities and its role as a company’s competitive factor. Topics include logistics service level, total cost analysis, transport and inventory decisions, logistics performance measurement, just-in-time logistics, ordering and replenishments, and green logistics. The development of the logistics discipline and current logistics issues will also be discussed, with supplementary company presentations.  

Learning activities and teaching methods:  
Lectures 30 h and written case-assignment. Exam.  

Recommended or required reading:  

Assessment methods and criteria:  
Exam.  

Person responsible:  
Professor Jari Juga.  

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721175A: Business Simulation, 5 op  

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

ECTS Credits:  
5 credits  
Timing:  
Semester: -  

Contents:  
The significance of different aspects of business studies in managing profitable organization  

Learning activities and teaching methods:  
Business simulation game and practice work.  

Recommended or required reading:  

Assessment methods and criteria:  
The students play the business simulation game and analyse the result. A report of the simulation is also required.  

Person responsible:  
N.N.  

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721424P: Business to Business Marketing, 5 op  

Opiskelumuoto: Basic Studies  
Laji: Course  
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Satu Nätti
Opintokohteen kielet: English
Leikkaavuudet:
ay721424P Business to Business Marketing (OPEN UNI) 5.0 op
Voidaan suorittaa useasti: Kyllä

ECTS Credits:
5 credits
Timing:
Period D
Contents:
Learning activities and teaching methods:
26 h lectures and case studies.
Recommended or required reading:
Assessment methods and criteria:
A literature examination.
Person responsible:
Senior Lecturer in Marketing Satu Nätti, D.Sc.

721721A: International Logistics and Distribution, 5 op

Voimassaolo: - 31.07.2010
Opiskelumuoto: Intermediate Studies
Laajakoulutus: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Jari Juga
Opintokohteen kielet: Finnish

ECTS Credits:
5 credits
Timing:
Period C
Contents:
The course gives an overview of issues in logistics and distribution management in an international business context. A special emphasis will be given to the analysis of international logistics environment and the question of coordination and responsiveness requirements in international production, procurement and distribution. Institutional aspects of international trade will also be addressed.
Learning activities and teaching methods:
Lectures 24 h and assignment
Recommended or required reading:
Assessment methods and criteria:
Exam.
Person responsible:
Professor Jari Juga.

721703P: Introduction to Materials Management, 5 op

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

ECTS Credits:  
5 credits  
Timing:  
Period B  
Contents:  
The basic concepts of production and logistics will be presented. Simple calculation methods in materials control will also be examined.  
Learning activities and teaching methods:  
24 hours of lectures and independent studying of textbooks.  
Recommended or required reading:  
Assessment methods and criteria:  
Lectures and literature exam.  
Person responsible:  
Heli Kilpala, Ph.D.

721759S: Logistics Modelling and Applications, 6 op  
Voimassaolo: - 31.07.2010  
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:  
Period C  
Contents:  
The course deepens the student's modelling skills in handling problems in logistics. Emphasis will be given to the art of model formulation and lay out in spreadsheets, the role of a model, and the analysis of model results. A case studies approach to problems is taken. Some tools that are applied during the course are integer programming, network optimization models, and tools involving multiple objectives.  
Learning activities and teaching methods:  
Lectures and computer class instruction.  
Recommended or required reading:  
Assessment methods and criteria:  
Assignments and exam.  
Person responsible:  
Research professor Heli Kilpala.

721724A: Logistics System Analysis, 5 op  
Voimassaolo: 01.08.2002 -  
Opiskelumuoto: Intermediate Studies
The objective of this course is to familiarize students with strategic and analytical elements of logistical systems design and management. The goal is to prepare students to solve practical problems of logistics planners and managers. These problems include resource allocation, inventory management, and transportation problems. The systems analysis tools that are practiced during the course are linear programming, simulation, and queuing models.

**Learning activities and teaching methods:**
Lectures and computer class instruction. Assignments and a class project.

**Recommended or required reading:**
Nahmias, S. (2001), Production and Operations Analysis, McGraw-Hill, Irwin, supplemented by articles and other literature delivered during the contact hours.

**Person responsible:**
Research professor Heli Kilpala.

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**721172P: Management Accounting, 5 op**

**Opiskelumuoto:** Basic Studies

**Laji:** Course

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

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

**Opettajat:** Petri Sahlström

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**
ay721172P Management Accounting (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**
5 credits

**Timing:**
Period C

**Contents:**
Theoretical framework for understanding cost accounting, cost concepts, cost recording, choices in product costing, possibilities of analytic profit accounting, objects of accounting.

**Learning activities and teaching methods:**
8 hours of lectures and independent reading of the textbook and hand-out material.

**Recommended or required reading:**

**Assessment methods and criteria:**
Literature examination

**Person responsible:**
Professor Petri Sahlström.

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**721750S: Master’s Thesis, Logistics, 30 op**

**Opiskelumuoto:** Advanced Studies
ECTS Credits:
30 credits
Timing:
Contents:
Master's thesis (pro gradu) is a comprehensive treatment of selected subject in logistics, showing the student’s capacity for analytical and critical judgment and scientific communication. A master's thesis builds on a well-formulated research problem and the specification of more explicit research questions. Moreover, a thesis contains an overview of theoretical literature which forms the framework for the study. Relevant research methods and profound empirical analysis, combined with well-structured and readable text are seen as important criteria of thesis evaluation. In addition, the evaluation will be based on the theoretical and practical contribution of the study.
Assessment methods and criteria:
Compulsory participation in pro gradu seminars, written research proposal and two interim reports, final manuscript. Also required is to act as opponent in the sessions. After accepted manuscript, the student is also expected to write a maturity test in his/her own native language.
Person responsible:
Professor Jari Juga.

721414S: Purchasing and Supply Network Management, 6 op

ECTS Credits:
6 credits
Timing:
Period C
Contents:
The role of purchasing in the company, the logic of industrial purchasing behaviour, the current challenges of purchasing, supplier relationships, supply networks and purchasing strategies.
Learning activities and teaching methods:
20 h lectures and group work, independent reading of the textbooks
Recommended or required reading:
Assessment methods and criteria:
Lectures and literature examination, essay
Person responsible:
Pauliina Ulkuniemi, D.Sc. (Econ. & Bus. Adm.)

721720A: Seminar in Logistics, 10 op

ECTS Credits:
10 credits
Timing:
Period C
Contents:
The role of purchasing in the company, the logic of industrial purchasing behaviour, the current challenges of purchasing, supplier relationships, supply networks and purchasing strategies.
Learning activities and teaching methods:
20 h lectures and group work, independent reading of the textbooks
Recommended or required reading:
Assessment methods and criteria:
Lectures and literature examination, essay
Person responsible:
Pauliina Ulkuniemi, D.Sc. (Econ. & Bus. Adm.)
Arvostelu: 1 - 5, pass, fail
Opettajat: Pekkarinen, Saara Marketta
Opintokohteen kielet: Finnish

ECTS Credits:
10 credits
Timing:
Periods C and D
Contents:
The research seminar work has as its goal to advance the student's academic writing and research skills. In tutored seminar sessions, the student is expected to write a research paper focusing on selected theoretical theme in logistics. A special emphasis will be given to the search of relevant literature and academic writing techniques. The course is intended to serve as a basis for master's thesis work.

Learning activities and teaching methods:
Seminar sessions (compulsory participation), seminar paper.

Recommended or required reading:
Will be announced in the sessions.

Person responsible:
Professor, logistics assistant.

721754S: Special Issues in Logistics, 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:
Period: Free.
Contents:
The purpose of the course is to apply the student’s knowledge and skills on some topic area in logistics. The course will be tailored to the student’s individual goals, also including research-oriented company or industry specific development projects. More detailed information on the course contents, literature requirements, teaching and working methods will be offered in the beginning of the course. The general idea is that the course would contribute to the preliminary plan for the student’s thesis work.

Person responsible:
Research professor Heli Kilpala.

721183A: Strategic Management, 5 op

Voimassaolo: - 31.07.2010
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Eriksson, Seppo Allan
Opintokohteen kielet: Finnish
Voidaan suorittaa useasti: Kyllä

ECTS Credits:
5 credits
Timing:
Period A

Contents:
Central concepts of strategic thinking, planning and management, analyzing tools and processes. Course takes a managerial perspective.

Learning activities and teaching methods:
20 hours of lectures, 20 hours of case exercises, and independent reading of the textbooks

Recommended or required reading:

Assessment methods and criteria:
Literature examination, participation to case exercises

Person responsible:
Seppo Eriksson, D.Sc.(Econ.&Bus.Adm.)

721464S: Strategic Marketing and Management, 6 op

Opiskelumuoto: Advanced Studies
Laji: Course
Vastuuysikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opettajat: Salo, Jari Tapani
Opintokohteen kielet: English
Voidaan suorittaa useasti: Kyllä

ECTS Credits:
6 credits
Timing:
Period B
Contents:
Course introduces students to the heterogeneous fields of strategic marketing and management. Facilitates and attempts to arouse critical perspectives to strategic marketing and management. The main themes of the course: Marketing and Strategy Interface, Beyond Traditional Strategic Thinking, Core Competence Paradigm, Strategic Customer Relationship Management, Industrial Networks and Strategy, Value Creation in Relationships and Networks

Learning activities and teaching methods:
22 h lectures and exercises. Prerequisite: Subject studies in marketing

Recommended or required reading:

Person responsible:
Assistant Professor in Marketing Jari Salo. D.Sc.

721675S: Supply Chain Management, 6 op

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

ECTS Credits:
6 credits
Timing:
Period B
Contents:
The course deepens the student’s knowledge on strategic logistics and supply chain management, the underlying theoretical models combined with contemporary phenomena and improvement initiatives. The topics include
partnerships and alliances, collaborative supply chain practices, lean management, outsourcing strategies and supply chain performance indicators. A special emphasis will be given to the question of supply chain dynamics and integration and enabling supply chain technologies.

**Learning activities and teaching methods:**
Lectures 24 h and assignment

**Recommended or required reading:**

**Assessment methods and criteria:**
Exam.

**Person responsible:**
Professor Jari Juga.

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**721753S: Transport Economics and Policy, 6 op**

**Voimassaolo:** 01.08.2001 -
**Opiskelumuoto:** Advanced Studies
**Laji:** Course
**Vastuuysikkö:** Faculty of Economics and Business Administration
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Pekkarinen, Saara Marketta
**Opintokohteen kielet:** English
** Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**
6 credits

**Timing:**
Period D

**Contents:**
The main target of the course is to review the concepts and models for explaining and forecasting the impacts of transport policy. Knowledge of transport policy and external conditions is an essential element of transport business management, combined with the capabilities for analysis and economic modeling of transport markets. The course will include: transport as economic activity with location issue, demand and the costs of transport, organization of supply, and policy issues, e.g. the infrastructure and transport pricing.

**Learning activities and teaching methods:**
Lectures 24 h and assignments.

**Recommended or required reading:**

**Assessment methods and criteria:**
Exam.

**Person responsible:**
N.N.

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**721722A: Transport Law, 5 op**

**Opiskelumuoto:** Intermediate Studies
**Laji:** Course
**Vastuuysikkö:** Faculty of Economics and Business Administration
**Arvostelu:** 1 - 5, pass, fail
**Opettajat:** Pulkkinen Markku
**Opintokohteen kielet:** Finnish
**Voidaan suorittaa useasti:** Kyllä
ECTS Credits:
5 credits
Timing:
Period A
Contents:
Transport agreements, payments and financing, international competition agreements, international economic cooperation.
Learning activities and teaching methods:
3 hours of introductory lectures and independent studying of the textbooks.
Recommended or required reading:
Assessment methods and criteria:
Lectures and literature examination
Person responsible:
Markku Pulkkinen, LL.M.

721752P: Transport and Forwarding Operations, 5 op

Voimassaolo: 01.08.2005 - 31.07.2010
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuyksikkö: Faculty of Economics and Business Administration
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Voidaan suorittaa useasti: Kyllä

ECTS Credits:
5 credits
Timing:
Period C
Contents:
The main target of the course is to give the students basic knowledge on freight transport and forwarding operations from the managerial point of view. After the course the students know the principles and methods of operational management and understand logistics service industry’s business models, strategies and performance issues. The course includes a description of the business environment and freight operations by transport mode, forwarding business, documentation in international trade, the role of IT, etc. Performance of logistics service providers and the supply chain management implications will also be examined.
Learning activities and teaching methods:
Lectures 24 h, assignments. Exam.
Recommended or required reading:
Assessment methods and criteria:
Exam.
Person responsible:
Logistics assistant