

BULLETIN  
UNIVERSITY OF DEBRECEN

ACADEMIC YEAR 2018/2019

# **Rural Development Engineering MSC**

FACULTY OF ECONOMICS AND BUSINESS

Coordinating Center for International Education

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## UNIVERSITY OF DEBRECEN

**Date of foundation:** 1912 Hungarian Royal University of Sciences, 2000 University of Debrecen

**Legal predecessors:** Debrecen University of Agricultural Sciences; Debrecen Medical University; Wargha István College of Education, Hajdúböszörmény; Kossuth Lajos University of Arts and Sciences

**Legal status of the University of Debrecen:** state university

**Founder of the University of Debrecen:** Hungarian State Parliament

**Supervisory body of the University of Debrecen:** Ministry of Education

**Accreditation dates and statute numbers:**

Debrecen University of Agricultural Sciences: 17<sup>th</sup> December 1996, MAB/1996/10/II/1.

Debrecen Medical University: 5<sup>th</sup> July 1996, OAB/1996/6/II/6.

Wargha István College of Education, Hajdúböszörmény: 5<sup>th</sup> July 1996, OAB/1996/6/II/2.

Kossuth Lajos University of Arts and Sciences: 5<sup>th</sup> July 1996, OAB/1996/6/II/5.

University of Debrecen: 3<sup>rd</sup> October 2012, MAB/2012/8/VI/2.

**Number of Faculties at the University of Debrecen:** 14

Faculty of Agricultural and Food Sciences and Environmental Management

Faculty of Child and Adult Education

Faculty of Dentistry

Faculty of Economics and Business

Faculty of Engineering

Faculty of Health

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Faculty of Humanities

Faculty of Informatics

Faculty of Law

Faculty of Medicine

Faculty of Music

Faculty of Pharmacy

Faculty of Public Health

Faculty of Science and Technology

**Number of accredited programmes at the University of Debrecen:**

73 degree programmes with the pre-Bologna 5-year-system university education, 41 supplementary degree programmes offering transfer-degree continuation of studies towards the university degree (MSc), 50 degree programmes with the pre-Bologna 3-year-system college education, 67 BSc and 78 MSc programmes according to the Bologna system, 5 unified one-cycle linear training programmes, 35 specializations offering post-secondary vocational certificates and 159 vocational programmes.

**Number of students at the University of Debrecen: 28812**

According to time of studies: 22888 full-time students, 5899 part-time students having corresponding classes and 25 part-time students having evening classes or distance education according to education level: 944 students at post-secondary vocational level, 17406 students at BSc, 3112 students at MSc, 21 students at college level, 190 students at university level (MSc), 5320 students at one-cycle linear training, 954 students at vocational programmes, 865 students at PhD, 3741 foreign students.

**Full time teachers of the University of Debrecen: 1421**

194 full college/university professors and 1055 lecturers with a PhD.

## **ABOUT THE FACULTY**

The Faculty of Economics and Business is currently the largest faculty of the University of Debrecen with about 4000 students and more than 120 staff members. The Faculty has been created by the merger of two former faculties of the university: the Faculty of Economics and Business Administration and the Faculty of Applied Economics and Rural Development. The Faculty has a very wide scope of education dominated by economics and business administration however it has a significant variety of programs in agribusiness and rural development. We are proud of the large number of our international students currently in the BA in Business Administration and Management and the MA in International Economy and Business. The attractiveness of our education is indicated by the popularity of the Faculty in terms of incoming Erasmus students, as well.

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# THE ORGANIZATIONAL STRUCTURE OF THE UNIVERSITY

## RECTOR OF THE UNIVERSITY OF DEBRECEN

Rector: Dr. Zoltán Szilvássy  
Address: 4032 Debrecen, Egyetem tér 1.  
Phone: +36-52-412-060  
Phone/Fax: +36-52-416-490  
E-mail: [rector@unideb.hu](mailto:rector@unideb.hu)

## FACULTY OF ECONOMICS AND BUSINESS

Dean: Dr. Károly Pető  
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Vice Dean for Educational Affairs: Dr. László Erdey  
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Vice Dean for General and Strategic Affairs: Dr. Zoltán Szakály  
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## THE ORGANIZATIONAL STRUCTURE OF THE FACULTY

### Dean's Office

Head of Dean's Office: Ms. Judit Fróna

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### Registrar's Office

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English Program Officer: Ms. Tünde Majorik

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## **THE DEPARTMENTS OF THE FACULTY**

### **INSTITUTE OF SECTORAL ECONOMICS AND METHODOLOGY**

Böszörményi út 138., Debrecen, 4032, Phone: 52/508-444

Professor, Head of Institute Prof. Dr. József Popp  
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#### **Department of Agricultural Economics**

Professor, Head of Department Prof. Dr. József Popp  
(popp.jozsef@econ.unideb.hu, Bld. A 35.)  
Senior Lecturer Dr. Mónika Harangi-Rákos  
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#### **Department of Research Methodology and Statistics**

Associate Professor, Head of Department Dr. László Huzsvai  
(huzsvai.laszlo@econ.unideb.hu, Bld. A 213.)

### **INSTITUTE OF APPLIED INFORMATICS AND LOGISTICS**

Böszörményi út 138., Debrecen, 4032, Phone: 52/508-444

Associate Professor, Head of Institution Dr. János Felföldi  
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THE DEPARTMENTS OF THE FACULTY

**Department of Agricultural Informatics**

Associate Professor, Head of Department Dr. László Várallyai  
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Associate Professor, Head of Department Dr. Róbert Szilágyi  
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**Department of Logistics Management**

Associate Professor, Head of Department Dr. Miklós Pakurár  
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**INSTITUTE OF BUSINESS COMMUNICATION AND  
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**INSTITUTE OF APPLIED ECONOMICS SCIENCES**

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**Department of Micro- and Macroeconomics**

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**INSTITUTE OF MARKETING AND TRADE**

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**Department of Accounting**

Associate Professor, Head of Department Dr. Ildikó Orbán Dékán Tamásné  
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### **Department of Controlling**

Associate Professor, Head of Department                      Dr. Veronika Fenyves  
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### **Department of Finance**

Associate Professor, Head of Department                      Dr. Tibor Tarnóczi  
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### **INSTITUTE OF MANAGEMENT AND ORGANISATION SCIENCES**

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Associate Professor    Dr. Krisztina Dajnoki  
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### **Department of Human Resource Management**

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### **Department of Management Sciences**

Associate Professor, Head of Department                      Dr. Mária Ujhelyi  
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## THE DEPARTMENTS OF THE FACULTY

### **Department of Organisation Sciences**

Associate Professor, Head of Department Dr. József Gályász  
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### **INSTITUTE OF RURAL DEVELOPMENT, TOURISM AND SPORTS MANAGEMENT**

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## **Department of Tourism and Hospitality Management**

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## **INSTITUTE OF WORLD ECONOMY AND INTERNATIONAL RELATIONS**

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## **Department of Integration**

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## **Department of Business Law**

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## **Department of World Economy and International Business**

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THE DEPARTMENTS OF THE FACULTY

**SOCIAL SCIENCES LIBRARY**

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Head Librarian

Ms. Enikő Pergéné Szabó  
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## **ACADEMIC CALENDAR 2017/2018**

Academic year opening ceremony	10 September 2017
Autumn semester registration week	4-8 September 2017
Autumn semester study period	11 September–15 December 2017
Autumn semester exam period	18 December 2017–2 February 2018
Spring semester registration week	29 January - 2 February 2018
Spring semester study period	5 February – 11 May 2018
Spring semester exam period	14 May – 29 June 2018



## **RURAL DEVELOPMENT ENGINEERING MSC PROGRAMME**

Starting date: September/February

Language requirements: English language proficiency (TOEFL 547 /IELTS 6.0 /oral examination)

Academic requirements: Bachelor degree in Economics, Business or Management, Rural Development

Duration: 4 semesters

Number of contact hours: 1300

ECTS credits: 120

Short description: The objective of the program is to prepare professionals for understanding sustainable development and the present problems of rural areas basing on knowledge relating to agriculture, economic management as well as regional and rural development, for cooperating in the determination of the possible directions of development, defining special development programs, managing their realizations and carrying out the monitoring of the processes.

Class behaviour:

Students must not use cell phones to talk or text during class. Cell phones must be switched off or kept in silence mode during class. In seminars students will be expected to participate in seminar discussions. Students are encouraged to ask questions related to the topic of the lectures discussed, and participate in solving problems related to the topic of the seminar. Students should not disrupt the class by talking to each other. If one continues to disrupt the class, the student may be asked to leave. The usage of electronic devices, textbooks and any form of interaction between students during the tests are strictly forbidden. Electronic devices (cell phones, tablets, etc.), except for approved simple calculators, must not be within the reach (in pocket, in the desk, etc.) of students during tests.

Requirements:

The course consists of lectures and seminars. Attending lectures is strongly recommended, attendance of seminars is compulsory and recorded.

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Participation at practice classes is compulsory. One might have a maximum of 3 seminar/practice absences. In case of more than 3 absences the final signature may be refused and the student must repeat the course. Being late is equivalent with an absence.

The knowledge of the students will be tested several times depending on the class types during the entire course. End of Semester Examination (ESE) covers the topics of the lectures and seminars of a subject. A minimum of three ESE dates will be set during the examination period. Unsuccessful students may repeat the ESE twice (B and C chances). Five grade evaluation (AW5) is based on class contribution and work. The program ends in a Final/State exam of the whole material of the course covering the topics given out earlier.

Students can be given their degree if, having met other criteria as well, they have collected 120 credits during their studies. Considering the recommended curriculum this can be achieved in 2 years.

According to the credit regulations students should obtain an average of 30 credits in each semester.

Students accumulate the required amount of credits by passing exams on compulsory and elective subjects.

Although Physical Education is not recognized by credits, one PE course has to be completed to get the final degree.

CURRICULUM OF THE FULL TIME PROGRAMME

	<b>First year</b>					
	<b>Fall semester</b>			<b>Spring semester</b>		
<b>SUBJECTS</b>	<b>L</b>	<b>S</b>	<b>Credits</b>	<b>L</b>	<b>S</b>	<b>Credits</b>
Economic Law	3	0	4			
Research Methodology	2	2	5			
Human Resource Management	2	0	3			
Accounting for Managers	2	2	5			
Rural and environmental policy	2	1	4			
Rural Economy	2	1	3			
Commerce and Logistics	2	1	3			
Rural Security	2	0	2			
Elective 1.	0	2	3			
<b>Total credits:</b>			<b>32</b>			
Integrated Regional Development				2	0	3
Rural Sociology				2	0	3
Agricultural Economics and Agricultural Policy				2	1	4
Integrated Settlement Development				2	0	3
Project Management				0	2	3
Economics of Agricultural Markets				2	1	4
Economics of Agriculture Sectors				2	1	3
Elective 2.				2	0	3
Physical Education				0	2	0
<b>Total credits:</b>						<b>26</b>

	Second year					
	Fall semester			Spring semester		
SUBJECTS	L	S	Credits	L	S	Credits
Business Consulting	2	1	4			
Alternative Management	2	1	3			
Local Economic Development	2	0	3			
Internship	0	16	7			
Thesis writing I.	0	2	15			
<b>Total credits:</b>			<b>32</b>			
Analysis of Agricultural Programs				0	2	2
Community Development				2	0	2
Production and Operation Management				2	1	4
Regional Planning and Programming				2	2	5
Food Chain Safety Knowledge				2	0	2
Thesis writing II.				0	2	15
<b>Total credits:</b>						<b>30</b>

**COURSE DESCRIPTIONS**

**Economic Law GT\_MVINE009**

Institute: World Economy and International Relations

Classes per week: 3+0

Course credit value: 4

Prerequisites: -

1. INSTRUCTORS:

HELMECZI, András, Phd, assistant professor  
 andras.helmeczi@econ.unideb.hu

2. COURSE GOALS:

The course is designed to introduce students to the particularities of legal aspects of economy, both theoretically and in practice. A broad overview over the most relevant topics in the area of legal life in economy is given.

3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1.	Legal system, basic legal terms 1: law as social rule, content and function of law, categories of legal rules	
2.	Legal system, basic legal terms 2: sources of law, legislation and jurisdiction, legal relation	
3.	The person as subject at law	
4.	Rights in rem 1: the thing, possession	
5.	Rights in rem 2: ownership rights, rights of use	

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Week, date	Topic	Lecture/Seminar/Readings, assignments
7.	Contractual law 1: obligations and legal statements, representation, performance	
8.	Contractual law 2: basic rules of contracts	
9.	Contractual law 3: express contracts	
10.	Contractual law 4: liability for damages	
11.	Company law 1: common rules, organization	
12.	Contractual law 2: representation, termination	
13.	Contractual law 3: sole company types	
14.	Consultation	

4. COURSE AND EXAM REQUIREMENTS:  
Class attendance

5. ASSESSMENT AND GRADING:

Final written test at the end of the semester, with the following grades:

points	grade
0-7	1 (fail)
8-9	2 (satisfactory)
10-11	3 (fair)
12-13	4 (good)
14-15	5 (excellent)

6. COMPULSORY READINGS:

Lecture notes (electronically sent to the students).

7. RECOMMENDED READINGS:

National legal acts on personal law, rights in rem, contractual law, company law.

**Research Methodology GT\_MVINE001**

Institute: Institute of Management Organisation Sciences

Course title and Neptun-code:

Classes per week: 2 + 2

Course credit value: 5

Prerequisites: -

1. INSTRUCTORS:

KUN, András István, PhD associate professor, [andras.kun@econ.unideb.hu](mailto:andras.kun@econ.unideb.hu)

Office hours are regularly updated here:

[http://oktato.econ.unideb.hu/kunandras/eng\\_courses.htm](http://oktato.econ.unideb.hu/kunandras/eng_courses.htm)

2. COURSE GOALS:

The aim of the course is to give students insight to the whole research process in economics and management. According to the time constraints, it could be only an introduction, but it found an appropriate basis for further development. The approach of this course is learning-by-doing, thus students have to perform an own group research during the semester, with the help of the instructor.

By the end of the course, students should be able to:

- a. Formulate good research questions and design appropriate research.

- b. How to collect data for different types of research problems
- c. Analyze data
- d. Write and present the results
- e. Critically evaluate research

3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1	Introduction, basic notions of research	
2	The research process	Assignment: finding and citing academic papers
	Reviewing the literature & Citation	
3	Formulating a research problem	Assignment: formulating research questions
	& Identifying variables	
4	Constructing hypotheses	Assignment: formulating research design
	& The research design	
5	Methods of data collection	
6	Sampling, Research planning, Writing a research proposal	Assignment: sampling and data collection plan, draft of a res. proposal



## COURSE DESCRIPTIONS

Week, date	Topic	Lecture/Seminar/Readings, assignments
7	Mid-term no1	
8	Collecting & processing data	Assignment: draft for a questionnaire
	Forming a questionnaire for research	
	(it is also the deadline for the proposal)	
9	Analyzing and interpreting	Data collection for the research project is in this week
10	Building a database in practice	It is the deadline for the data collection.
11	Analyzing data in practice	
12	Writing a research report, Writing an 'article'	
	+ Analyzing data in practice	
13	Mid-term no2	First manuscript-draft
	Consultation about writing and presentation	
14	Presentation of the results	It is the deadline for the report (manuscript).

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#### 4. COURSE AND EXAM REQUIREMENTS:

Students cannot miss more than three seminar classes.

Students are required to continuously study the readings and do the homework week-by-week.

The course's essence is individual research, in consequence there are no possibility to retake the above mentioned homework assignments. However, mid-term examinations are retakeable.

#### 5. ASSESSMENT AND GRADING:

The calculation of the final grade is as follows:

research proposal	15 percentage points
research report	30 percentage points
presentation	15 percentage points
mid-term examinations (theory)	40 percentage points

Grades:

<51% – 1

51% – 2

65% – 3

75% – 4

85% – 5

#### 6. COMPULSORY READINGS:

Saunders, Mark. – Lewis, Philip – Thornhill, Adrian (2016): Research Methods for Business Students. 7th edition. Pearson, Harlow.

+ additional materials provided on the lectures and seminars

#### 7. RECOMMENDED READINGS:

Babbie, Earl R. (2011): The Basics of Social Research, 5th edition. Nelson Education, Toronto.

Babbie, Earl R. (2011): The Practice of Social Research, 14th edition. Cengage Learning, Boston, MA.

Kumar, Ranjit (2005): Research Methodology. A Step-by-Step Guide for Beginners. 2nd edition. SAGE Publications Ltd., London. Taylor B. – Sinha

G. – Ghoshal T. (2006): Research Methodology: A Guide For Researchers In Management And Social Sciences. Prentice Hall of India, New Delhi.

8. OTHER:

Course homepage:

<http://oktato.econ.unideb.hu/kunandras/engMBA/ISSR.htm>

**Human Resource Management GT\_MVINE010**

Institute: Management and Organizational Sciences

Classes per week: 2+0

Course credit value: 3

Prerequisites: -

1. INSTRUCTORS:

DAJNOKI, Krisztina, PhD, habil. associate professor

dajnoki.krisztina@econ.unideb.hu; office: Fényház Room 10.

2. COURSE GOALS:

The course outlines the strategic questions and concepts of Human resource management and places emphasis on the functions of it. The instructors would like to show the complexity of Human resource management, discover the correlations between the functions and help to understand the practice of HRM by case studies.

3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1.	The role and importance of Human Resource Management – functions and challenges	lecture
2.	Changes, Trends in the International HRM	lecture
3.	Planning of HR Strategy	lecture
4.	Human resource planning, personnel planning, forecasting	lecture

Week, date	Topic	Lecture/Seminar/Readings, assignments
5.	Job design – changes, development possibilities	lecture / seminar/ case study
6.	The process of human flow: retention, selection and orientation	lecture /seminar
7.	CV and interview	seminar
8.	Motivation and retention	lecture / seminar/ case study
9.	Performance Management	lecture / seminar/ case study
10.	Training and development	lecture / seminar/ case study
11.	Career management and talent management	lecture / seminar/ case study
12.	Labour relation and collective bargaining, labour law	lecture / seminar
13.	Equal Opportunity HRM	lecture
14.	HR trend and tendency – HR branding, HR controlling, Flow management, Diversity management	lecture

9. COURSE AND EXAM REQUIREMENTS:

Active participation in classes and no more than three absences during the semester are required.

10. ASSESSMENT AND GRADING:

The final exam consists of 100 questions (multiple choice, true or false, definitions) in 90 minutes.

11. COMPULSORY READINGS:

Armstrong, M. (2009): „*Armstrong’s Handbook of Human Resource Management Practice*” 11<sup>th</sup> edition, Kogan Page Ltd, London, 1089.p.  
Dessler, G. (2013): „*Human Resource Management*” Pearson Education, Prentice Hall, 692.p.

12. RECOMMENDED READINGS:

Armstrong, M. – Taylor, S. (2014): „*Armstrong’s Handbook of Human Resource Management Practice*” Kogan Page Ltd, London, 880.p.  
Phillips, J. M. - Gully, S.M. (2014) : *Human Resource Management*. South-Western, Cengage Learning,  
Coyle-Shapiro, J. - Hoque, K. - Kessler, I. - Pepper, A. - Richardson, R. and Walker, L. (2013): *Human resource management*. LSE, University of London.  
Phillips, J. M. – Gully, S. M. (2012): *Strategic Staffing*. International edition. 2nd edition. Pearson, London.  
Senyucel, Z. (2009): *Managing the Human Resource in the 21st Century*, Zurlu Senyucel & Ventus Publishing ApS, 77.p.

### **Accounting for Managers GT\_MVINE011**

Institute: Institute of Accounting and Finance

Classes per week: 2+2

Course credit value: 5

Prerequisites: -

1. INSTRUCTORS:

DÉKÁN TAMÁSNÉ ORBÁN, Ildikó, PhD associate professor,  
orban.ildiko@econ.unideb.hu

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## 2. COURSE GOALS:

The main purpose of this course is to give an understanding of the impact of accounting in a competitive environment. The course will provide the students with a wide perspective on accounting including both theory, practice, and its applications under the Hungarian Accounting Act, and the International Financial Reporting Standards (IAS/IFRS). Primary areas of study include definition and principles of accounting and double entry bookkeeping, recognition and measurement of assets and liabilities, impact of economic transactions on balance sheet items, the definition and recognition of income, the application of debit and credit, valuation, accounting policies, regulation, accounts, special journals, the accounting cycle, and the process of preparation of financial statements.

## 3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1.	Introduction, The context of accounting, requirements, aims, basics.	Representation of wealth, assets, liabilities, equity
	Definition of accounting	
2.	Property of the enterprise, the balance sheet	Balance sheet, classification of balance sheet items
3.	Economic events, and their effect to the balance sheet	Types of economic events
4.	Definition, classification and representation of profit or loss	The two types of profit or loss statement (income statements)
5.	Summary example	Summary example
6.	The double-entry bookkeeping system Basic financial statements, the balance sheet, income statement, cash flow statement	Summary example 2.

COURSE DESCRIPTIONS

<u>Week, date</u>	<u>Topic</u>	<u>Lecture/Seminar/Readings, assignments</u>
7	Accounting processes	Creating basic financial statements
8	Regulation of the accounting system of the enterprise. Accounting system. National and international level of accounting	Exercise for creating a company
9	Principles of accounting. Accounting policy at the level of the enterprise. Reporting, bookkeeping obligations, auditing	Initial recognition of assets and liabilities. Depreciation methods.
10	Measurement of the elements of financial statements Tangible and intangible fixed assets	Exercises in connection with the lecture
11	Measurement of the elements of financial statements Inventories, valuation of inventory, cost methods, using output values.	Exercises in connection with the lecture
12	Measurement of the elements of financial statements. Financial assets, investments	Exercises in connection with the lecture
13	Measurement of the elements of financial statements Liabilities, equity, reserves and provisions	Exercises in connection with the lecture
14	Preparation for exam	Preparation for exam

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4. COURSE AND EXAM REQUIREMENTS:

Requirements for the signature: Active participation in classes, Moodle-test (theoretical part of the course) 2 times (minimum level: 50-50%, together minimum level: 60%)

Exam requirements: written final exam with exercises. (minimum level: 60%)

5. ASSESSMENT AND GRADING:

By the average level of the Moodle-tests and the written exam, the final result will be evaluated according to the following schedule:

60%–69%	2
70%–79%	3
80%–89%	4
90%–100%	5

6. COMPULSORY READINGS:

David Alexander and Christopher Nobes: Financial Accounting: An International Introduction, Prentice Hall, 2013, 5th Edition

Clyde P. Stickney, Roman L. Weil, Katherine Schipper, and Jennifer Francis: Financial Accounting: An Introduction to Concepts, Methods and Uses, South-Western Cengage Learning, 2010

Solowy, Ding (2017): Financial Accounting and reporting, A Global Perspective, Cengage Learning 2017

Study materials provided by the lecturer

## **Rural and Environmental Policy GT\_MVINE012**

Institute: Rural Development, Tourism and Sports Management

Classes per week: 2+1

Course credit value:

Prerequisites: -

1. INSTRUCTORS:

PETŐ, Károly, S.Sc, professor, peto.karoly@econ.unideb.hu

HORVÁTH, Péter, PhD assistant professor, horvath.peter@econ.unideb.hu

2. COURSE GOALS:

The main goals of this course are to acquaint students with the development of the system of rural and environmental policy, the regulations of certain



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## COURSE DESCRIPTIONS

environmental policy areas, the presentation of the legal background, as well as the realization of situational exploratory exercises.

### 3. COURSE SCHEDULE:

Week, date	Topic (lecture)	Topic (seminar)
1.	<i>Introduction, requirements</i>	
2.	Basics of environmental protection I. (basic concepts, global and local environmental problems)	<i>Introduction, requirements</i>
3.	Basics of environmental protection II. (Water pollution, soil pollution)	
4.	Basics of environmental protection III. (Waste management, noise pollution)	Discussing the parts and topics of presentations
5.	The development, tools and regulation of environmental policy	
6.	Institutional system of EU environmental policy	Presentation of students
7.	<i>Written examination</i>	
8.	The European Union's environmental action programs	Presentation of students
9.	China's environmental policy	
10.	Sustainable development	Presentation of students
11.	The European Union's Sustainable Development Strategy	

Week, date	Topic (lecture)	Topic (seminar)
12.	Rural policy (global outlook)	Presentation of students
13.	Rural policy in the European Union	
14.	<i>Written examination</i>	<i>Assessment, grading, conclusions, closing the semester</i>

4. COURSE AND EXAM REQUIREMENTS:

During the semester prepare and protect a case study (in the form of presentations), which are also the conditions of the signature.

5. ASSESSMENT AND GRADING:

Recommended mark on the basis of the two interim written examination

6. COMPULSORY READINGS:

ppt. materials of the lectures

Vig, N. J. – Kraft, M. E. (2015): Environmental Policy: New Directions for the Twenty-First Century, SAGE, p 448.

Haigh N. (2015): EU Environmental Policy: Its journey to centre stage, Routledge, p 234.

7. RECOMMENDED READINGS:

Jordan A. – Adelle C. (2012): Environmental Policy in the EU: Actors, institutions and processes, Routledge, p 424.

8. OTHER:

Seminar every two weeks in two hours

**Rural Economy GT\_MVINE014**

Institute: Rural Development, Tourism and Sports Management

Classes per week: 2+1

Course credit value: 3

Prerequisites: -

## COURSE DESCRIPTIONS

1. INSTRUCTORS:

PETŐ, Károly, C.Sc. professor, peto.karoly@econ.unideb.hu  
 SZABÓ, Bernadett, PhD associate professor,  
 szabo.bernadett@econ.unideb.hu, Wednesday, 1:00-3:00 p.m.

2. COURSE GOALS:

The aim of the subject is to get the students acquainted with the situations, characteristics, resources and development of rural areas and rural economy, and their possibilities for diversification.

3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1.	<i>Introduction, requirements</i>	Lecture
2.	What is rural?	Lecture
	Basics of rural development	
	Characteristics of rural economy	
3.	Resources in rural economy	Lecture
4.	Spatial processes influencing the situation of rural areas	Lecture
5.	Development and performance of rural areas	Lecture
6.	The role of agriculture in rural economy	Lecture
7.	Programs in rural development	Lecture
	Rural Development Program 2014-2020	
8.	Diversification of rural economy: rural tourism	Lecture

9.	Sustainability of rural economy in case of eco-villages	Lecture
10.	Analyzing resources of rural settlements – Case studies I.	Seminar
11.	Analyzing resources of rural settlements – Case studies II.	Seminar
12.	Analyzing sustainability of eco-villages – Case studies I.	Seminar
13.	Analyzing sustainability of eco-villages – Case studies II.	Seminar
14.	<i>Assessment, grading, conclusions, closing the semester</i>	Lecture

There will be three lectures held in a week till the 9th week of the semester, then three seminars per week till the 13th week.

#### 4. COURSE AND EXAM REQUIREMENTS:

The condition of the signature is to write two essays and give two presentations:

- (1) Revealing the resources of a rural settlement in a certain country, and analyzing development opportunities in the form of an essay till the 10th week of the semester and giving a ppt presentation on the major results.
  - (2) Examining the sustainability of an eco-village in form of an essay till the 12th week of the semester and giving a ppt presentation on the major results.
- It is compulsory to take part in the seminars.

#### 5. ASSESSMENT AND GRADING:

Recommended mark on the basis of the essays and the presentations, otherwise written exam. Only students can get valid mark who complete the essays and give presentations in the seminars.

#### 6. COMPULSORY READINGS:

- ppt materials of the lectures
- 2014-2020 Rural Development Programme:

## COURSE DESCRIPTIONS

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<https://www.agriculture.gov.ie/media/migration/press/pressreleases/2014/DraftConsultation%20DocRDP14%20Jan.pdf>

[http://ec.europa.eu/agriculture/sites/agriculture/files/rural-development-2014-2020/country-files/hu/factsheet-hungary\\_en.pdf](http://ec.europa.eu/agriculture/sites/agriculture/files/rural-development-2014-2020/country-files/hu/factsheet-hungary_en.pdf)

- OECD Regional Typology:

[https://www.oecd.org/cfe/regional-policy/OECD\\_regional\\_typology\\_Nov2012.pdf](https://www.oecd.org/cfe/regional-policy/OECD_regional_typology_Nov2012.pdf)

- European Charter for Rural Areas:

<https://assembly.coe.int/nw/xml/XRef/X2H-Xref-ViewHTML.asp?FileID=7441&lang=en>

- The Cork Declaration, 1996:

[http://www.terport.hu/webfm\\_send/545](http://www.terport.hu/webfm_send/545)

- Cork Declaration 2.0, 2016:

[http://ec.europa.eu/agriculture/sites/agriculture/files/events/2016/rural-development/cork-declaration-2-0\\_en.pdf](http://ec.europa.eu/agriculture/sites/agriculture/files/events/2016/rural-development/cork-declaration-2-0_en.pdf)

### 7. RECOMMENDED READINGS:

- New Hungary Rural Development Programme:

<http://enrd.ec.europa.eu/enrd-static/fms/pdf/BA7A2748-FBA5-23D9-8FC1-A61716C5AD57.pdf>

- Agricultural Policy Reform and the Rural Economy in OECD Countries, 1998, 316.p., ISBN: 9789264162532

- Understanding Rural America:

<http://www.4uth.gov.ua/usa/english/society/rural/backgrnd/01intro/intro.htm>

- Rural America at a Glance, 2016:

<https://www.ers.usda.gov/webdocs/publications/80894/eib-162.pdf?v=42684>

- USDA – Rural Economy, Rural Classification:

<https://www.ers.usda.gov/topics/rural-economy-population/rural-classifications/>

## Commerce and Logistics GT\_MVINE024

Institute: Institute of Applied Informatics and Logistics

Classes per week: 2+1

Course credit value: 3

Prerequisites: -

1. INSTRUCTORS:

FELFÖLDI, János, PhD. associate professor; [felfoldi.janos@econ.unideb.hu](mailto:felfoldi.janos@econ.unideb.hu)  
 KEREKES, Vivien, [kerekes.vivien@econ.unideb.hu](mailto:kerekes.vivien@econ.unideb.hu)

2. COURSE GOALS:

Students have to get acquainted with the theoretical and practical parts of logistics and those application possibilities. In addition, our aim is to introduce the basis of modern logistics from real processes that is, the systems of goods flows till the approach of supply chain.

3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1.	Introduction to commerce and trade	<b>lecture:</b> Introduction to commerce and trade and their environment
		<b>seminar:</b> case examples for commerce and trade
2.	Introduction to supply chain and logistics management	<b>lecture:</b> Introduction to supply chain and logistics management
		<b>seminar:</b> case examples for supply chains and logistics
3.	Logistics	<b>lecture:</b> logistics systems
		<b>seminar:</b> case examples for logistics systems
4.	Retailing	<b>lecture:</b> basics of retailing <b>seminar:</b> case examples

**COURSE DESCRIPTIONS**

Week, date	Topic	Lecture/Seminar/Readings, assignments
6.	Sourcing and procurement	<b>lecture:</b> sourcing and purchasing models
		<b>seminar:</b> case examples
7.	Technology trends in supply chains	<b>lecture:</b> Technology trends in the food supply chains
		<b>seminar:</b> case examples
8.	Risk management	<b>lecture:</b> managing risks in the supply chain
		<b>seminar:</b> case examples
9.	Regulation, safety and quality	<b>lecture:</b> Food regulation, safety and quality <b>seminar:</b> case examples
10.	Collaboration and relationship	<b>lecture:</b> models and trends in the food sector
		<b>seminar:</b> case examples
11.	Security and future challenges	<b>lecture:</b> Food security and future challenges
		<b>seminar:</b> case examples
12.	Challenges in international supply chains	<b>lecture:</b> managing challenges in international food supply chains
		<b>seminar:</b> case examples
13.	Supply chain and logistics performance	<b>lecture:</b> Food supply chain and logistics performance
		<b>seminar:</b> case examples

Week, date	Topic	Lecture/Seminar/Readings, assignments
14.	Sustainability in supply chains	<b>lecture:</b> sustainability challenges in food supply chains
		<b>seminar:</b> case examples

4. COURSE AND EXAM REQUIREMENTS:

Courses have to be attended as it is in the regulations. Additional requirements are those that must be met by each student within the semester and are specified and communicated by the course master. These requirements are definitely related to the topics discussed in the course.

5. ASSESSMENT AND GRADING:

Oral examination that may result in from 1 to 5 which grade will be calculated as a combined one with those results coming from the performances over the semester.

6. COMPULSORY READINGS:

Dani, S. (2015): Food supply chain management and logistics. pp 260, KoganPage, ISBN: 9780 7494 7364 8

7. RECOMMENDED READINGS:

Deloitte (2013): The food value chain: a challenge for the next century. Deloitte Touche Tohmatsu, London.

Gratl, C. et al. (2012): Growing business with small-holders: a guide to inclusive agribusiness. German Federal Ministry For Economic Cooperation and Development, Bonn, Germany.

8. OTHER:

Russel-Taylor (2003): Operations Management, Prentice Hall, USA, , ISBN 0-13-049363-5



## Rural Security GT\_MVINE027

Institute: Rural Development, Tourism and Sport Management

Classes per week: 2+0

Course credit value: 2

Prerequisites: -

1. INSTRUCTORS:

HORVÁTH, Péter, Phd assistant professor, horvath.peter@econ.unideb.hu

2. COURSE GOALS:

The main goal of this course is to get students to know the risks to the settlements, the possible human and natural factors that threaten the countryside and the agricultural activities, the use of possible crime prevention procedures, cooperation opportunities.

3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1.	<i>Introduction, requirements</i>	
2.	Interpretation of security	
3.	Security environments and security challenges in a given country	
4.	Water, soil, air, food safety	
5.	Disaster risk	
6.	Rules for civil protection classification of settlements	
7.	<i>Writing examination</i>	

Week, date	Topic	Lecture/Seminar/Readings, assignments
8.	Dangers to virtual world users	
9.	Personal and property protection activities	
10.	Leadership planning, organizing and managing tasks in the protection of a specific object or facility	
11.	The forces, devices and methods used to ensure its safety	
12.	Challenges and answers in the civil sector	
13.	Risk analysis and FPF	
14.	<i>Writing examination</i>	

4. COURSE AND EXAM REQUIREMENTS:

During the semester have to write two interim writing examination and both of them have to be successful (60%)

5. ASSESSMENT AND GRADING:

According to the two interim exam

6. COMPULSORY READINGS:

ppt. materials of the lectures

Hornyacsek, J. (2011): "For Our Security" Educational and Consulting Scientific Association Budapest, 195. ISBN: 978-963-08-2606-8

7. RECOMMENDED READINGS:

Ürmösi, K. (2013): The concept of safety and security. Military Science Review. Vol. 6. No. 4. 147-156. P., ISSN: 2060-0437

Szász, J. (2000): Types of disasters, in: Editor: Dr. Hornyacsek Júlia: Book of Teachers, BM OKF, Budapest.

**Integrated Regional Development GT\_MVINE013**

Institute: Rural Development, Tourism and Sports Management

Classes per week: 2+0

Course credit value: 3

Prerequisites: -

1. INSTRUCTORS:

SZABÓ, Bernadett, Phd, Associate Professor,

szabo.bernadett@econ.unideb.hu, Wednesday, 1:00-3:00 p.m.

2. COURSE GOALS:

The goals of the subject are to get the students acquainted with the system of regional development, its history in the European Union, programs in regional development, methods of regional planning and practices for measuring regional (natural, social, economic) conditions.

3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1.	<i>Introduction, requirements</i>	Lecture
2.	The regional policy of the European Union	Lecture
3.	Concepts of regional development	Lecture
4.	History of regional development	Lecture

Week, date	Topic	Lecture/Seminar/Readings, assignments
5.	Regions in Europe and in Hungary	Lecture
6.	Quantifying the performance of territories	Lecture
7.	Europe 2020 strategy	Lecture
	Priorities in subsidies in the period of 2014-2020	
8.	The legal background and institutions of regional development	Lecture
9.	Programs in regional development	Lecture
	Methods for regional planning	
10.	Quantifying the performance of regions – Case studies I.	Lecture
11.	Quantifying the performance of regions – Case studies II.	Lecture
12.	Quantifying the performance of regions – Case studies III.	Lecture
13.	Quantifying the performance of regions – Case studies IV.	Lecture
14.	<i>Assessment, grading, conclusions, closing the semester</i>	Lecture

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## COURSE DESCRIPTIONS

### 4. COURSE AND EXAM REQUIREMENTS:

The condition of the signature is to write an essay on quantifying the performance of a region till the 10th week of the semester and give a ppt presentation on the major results.

### 5. ASSESSMENT AND GRADING:

Recommended mark on the basis of the essay and the presentation, otherwise written exam. Only students can get valid grade who complete the essay and give a presentation. It is compulsory to take part in the last five lectures.

### 6. COMPULSORY READINGS:

- ppt materials of the lectures
- Baranyi, B. (2013): Integrated Regional Development. Theoretical Textbook, Debrecen.

[http://www.tankonyvtar.hu/hu/tartalom/tamop412A/2011-](http://www.tankonyvtar.hu/hu/tartalom/tamop412A/2011-0029_de_integrated_regional_development_theoretical/index.html)

[0029\\_de\\_integrated\\_regional\\_development\\_theoretical/index.html](http://www.tankonyvtar.hu/hu/tartalom/tamop412A/2011-0029_de_integrated_regional_development_theoretical/index.html)

- Europe 2020 – A European Strategy for smart, sustainable and inclusive growth

<http://ec.europa.eu/eu2020/pdf/COMPLET%20EN%20BARROSO%20%20%20007%20-%20Europe%202020%20-%20EN%20version.pdf>

### 7. RECOMMENDED READINGS:

- Regional Development Policy
- <http://www.oecd.org/cfe/regional-policy/regionaldevelopment.htm>

## **Rural Sociology GT\_MVINE004**

Institute: Institute of Management and Organisation Sciences

Classes per week: 2 + 0

Course credit value: 3

Prerequisites: -

### 1. INSTRUCTORS:

SZABADOS, György Norbert, PhD associate professor  
szabados.gyorgy@econ.unideb.hu/13room Fényház, GTK

### 2. COURSE GOALS:

Students of the course will be familiar with the sociologic approach of rural areas, terms, categories. In the framework of the course, major topics, historic events, issues of related social groups, works of most influential scholars and

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research issues will be covered so as to prepare students to hold presentations and carry out even private examinations in the field.

3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1	Introduction to sociology	Lecture
2	Introduction to rural sociology	Lecture
3	The understanding of rural areas	Lecture
4	The history of rural sociology	Lecture
5	The concepts of rural sociology	Lecture
6	The concepts of rural sociology	Lecture
7	Settlement categories, approaches	Lecture
8	Sociology of rural population	Lecture
9	Rural poverty	Lecture
10	Researches in field of rural sociology	Lecture
11	Researches in the field of rural sociology	Lecture
12	Students' presentations	Lecture
13	Students' presentation	Lecture
14	Students' presentation	Lecture

## COURSE DESCRIPTIONS

### 4. COURSE AND EXAM REQUIREMENTS:

Students will be awaited to prepare private essays on a selected rural sociology topic and its presentation together with its defence will be also expected, based on which final grade will be offered.

### 5. ASSESSMENT AND GRADING:

End of Semester Examination

### 6. COMPULSORY READINGS:

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### 7. RECOMMENDED READINGS:

Hillyard, S. (2007): The sociology of rural life. Berg, Oxford, New York.

Jayapalan, N. (2002): Rural sociology. Atlantic Publishers and Distributors, Delhi.

Giddens, A. (2006): Sociology. Polity Press, Cambridge.

## **Agricultural Economics and Agricultural Policy GT\_MVINE005**

Institute: Institute of Sectoral Economics and Methodology

Classes per week: 2 + 1                      Course      credit      value:      4

Prerequisites: -

### 1. INSTRUCTORS:

POPP, József, D.Sc., professor [popp.jozsef@econ.unideb.hu](mailto:popp.jozsef@econ.unideb.hu)

HARANGI-RÁKOS, Mónika, assistant professor,  
[rakos.monika@econ.unideb.hu](mailto:rakos.monika@econ.unideb.hu)

### 2. COURSE GOALS:

The aim of the course for students is to learn and understand the role of agricultural policy in economic policies. Obtain information on the contexts of international agro-policies, recognize the place of agricultural policy and its established institutional system. Get to know the actors on the product line and the world market outlook for the most important products.

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3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1.	Introduction	
2.	Market measures	
3.	Common market organisations	
4.	Direct payments	
5.	Rural development	
6.	Products – “5F”	
7.	GMO industry	
8.	Organisation linked to agricultural policy, WTO	
9.	Standards (public and private standards, food standards)	
10.	Agri-environment (Resources – water, soil, biodiversity)	
11.	Balancing between policies (agricultural, environmental, structural/regional, rural)	
12.	Public goods and amenity	
13.	Globalisation – localisation	
14.	Future – new challenges	



4. COURSE AND EXAM REQUIREMENTS:

Active participation. Students, working in groups, get different literatures linked to the examined topics, from which they have to prepare presentations along the practices.

5. ASSESSMENT AND GRADING:

Final mark is based on their work along the semester and the final oral exam (30%+70%)

Marks: 90% or above	–	5
80% - 89%	–	4
70% - 79%	–	3
60% - 69%	–	2
59% or below	–	1

6. COMPULSORY READINGS:

Agricultural economics II.

ActionAid and Azione Aiuto (2012): Foodrights. The WTO Agreement on Agriculture. [www.actionaid.org](http://www.actionaid.org)

WTO (2010): WTO E-Learning. Agriculture in the WTO. World Trade Organization. p. 286. Braun, von J. and Meinzen-Dick, R. (2009): “Land Grabbing by Foreign Investors in Developing Countries: Risks and Opportunities”. Policy Brief 13. Washington: International Food Policy Research Institute.

Chakravorty, U. et al. (2009): Fuel versus food. Annual Review of Resource Economics, 1(1):645-663.

European Commission (2010): Report from the commission to the council and the European parliament on sustainability requirements for the use of solid and gaseous biomass sources in electricity, heating and cooling. SEC (2010) 65. Brussels: European Commission.

FAO (2009): Proceedings of the expert meeting on how to feed the world in 2050. High-Level Expert Forum on „How to feed the world in 2050”, FAO, Rome, 12-13 October 2009. <http://www.fao.org/wsfs/forum2050/wsfs-background-documents/wsfs-expert-papers/en/>

FAO (2011a): Looking ahead in world food and agriculture: perspectives to 2050. Edited by Piero Conforti. Agricultural Development Economics Division Economic and Social Development Department. Food and Agriculture Organization of the United Nations, 2011, Paris Pages 539 (ISBN 978-92-5-106903-5) <http://www.fao.org/docrep/014/i2280e/i2280e.pdf>

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FAO (2011b): World Livestock 2011 – Livestock in food security. Rome: FAO.

FAO (2011c): The State of the World's Land and Water Resources for Food and Agriculture. Summary report. Rome: FAO.  
[http://www.fao.org/nr/water/docs/Solaw\\_ex\\_summ\\_web\\_en.pdf](http://www.fao.org/nr/water/docs/Solaw_ex_summ_web_en.pdf)

Gustavsson, J. et al. (2011): Global food losses and food wastes – extent, causes and prevention. Rome: FAO  
[http://www.fao.org/fileadmin/user\\_upload/ags/publications/GFL\\_web.pdf](http://www.fao.org/fileadmin/user_upload/ags/publications/GFL_web.pdf)

Hoekstra, A.Y. et al. (2010): The water footprint of bio-energy. In: Climate Change and Water: International Perspectives on Mitigation and Adaptation. Howe, C.J., Smith, B. and Henderson, J. (eds.). London: American Water Works Association, IWA Publishing. pp. 81-95.

IWMI (2007): Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture. London: Earthscan; Colombo: International Water Management Institute.

Krugman, P. (2009): “Is a New Architecture Required for Financing Food and Environmental Security?” Summary of the speech made during the launching event of the Second Forum for the Future of Agriculture. Brussels.  
<http://www.elo.org>

#### 7. RECOMMENDED READINGS:

FAO (1996): World Food Summit. 13-17 November 1996. Food and Agriculture Organization of the United Nations. Rome, 1996.  
<http://www.fao.org/docrep/003/w3548e/w3548e00.htm>

FAO (2011a): The State of Food Insecurity in the World. How does international price volatility affect domestic economies and food security? Food and Agriculture Organization of the United Nations. Rome, 2011. p. 50.

FAO (2011b): Safeguarding food security in volatile global markets. Edited by Adam Prakash. Food and Agriculture Organization of the United Nations, Rome, 2011. p. 594.

FAO (2012a): Towards the future we want. End hunger and make the transition to sustainable agricultural and food systems. Food and Agriculture Organization of the United Nations. Rome, 2012. p. 28.

FAO (2012b): Crop Prospects and Food Situation. Food and Agriculture Organization of the United Nations. No.1. March 2012.  
<http://www.fao.org/giews/english/cpfs/index.htm>

Konandreas, P. (2012): World market volatility challenges facing poor net food-importing countries and possible trade policy responses, Seminar on Securing food in uncertain markets: Challenges for poor, net food-importing

## COURSE DESCRIPTIONS

countries, Geneva, 23 March 2012, organized jointly by the FAO Liaison Office in Geneva and the International Centre for Trade and Sustainable Development (ICTSD). <http://ictsd.org/i/events/dialogues>

### **Integrated Settlement Development GT\_MVINE025**

Institute: Applied Economics Sciences

Classes per week: 2+0K

Course credit value: 3

Prerequisites: -

#### 1. INSTRUCTORS:

BAI, Attila, PhD associate professor [bai.attila@econ.unideb.hu](mailto:bai.attila@econ.unideb.hu)

Monday 14.00 – 16.00

#### 2. COURSE GOALS:

To introduce the students: (1) the background information of successfully performance the tasks of settlement development, (2) the subdivisions of settlement development (3) the special methods of economic evaluation and to prepare the students to the use of these calculations in practice.

#### 3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1	Registration week	Consultation, TVK 020
2	Introduction of requirements	Lecture
	Principles of settlement development I.	
3	Principles of settlement development II., description of the paper to be submitted	Lecture
4	Investment analysis I.	Lecture
5	Investment analysis II.	Lecture

Week, date	Topic	Lecture/Seminar/Readings, assignments
6	Consultation	Consultation, TVK 020
7	Consultation	Consultation, TVK 020
8	Development and structure of settlements, (submission of the paper)	Lecture
9	Transport policy of settlements	Lecture
10	Environmentally friendly planning of settlements, participants of settlement development	Lecture
11	Oral presentation of the paper	Seminar
12	Oral presentation of the paper	Seminar
13	Oral presentation of the paper	Seminar
14	Written test	Lecture

#### 4. COURSE AND EXAM REQUIREMENTS:

The students shall write a test in the last week of the semester. The prerequisite of the signature of the course is that the score of this test will reach, or exceed 25% of the maximum score. Another prerequisite of the signature is the submission and the oral presentation of an own-made complex settlement development concept extended with an investment analysis, with the pre-given content till the deadline (the end of the 8th week of the semester). The head of the course is going to refuse to sign the course if each of the three above-mentioned requirements is unsuccessful (e.g. in case of absence from the oral presentation, or overrun of deadline).

5. ASSESSMENT AND GRADING:

The grade of the test with minimum 25% performance, of the paper and of the oral presentation results a proposed (average) grade, which can be corrected based on the Regulation of Studies during the exam period. To reach minimum “sufficient (2)” grade from each of the above-mentioned three partial grade(test, paper, presentation) is indispensable for successful result of the semester.

Assessment of performance (grades):

- 0-24% refusing of signature
- 25-49% insufficient (1)
- 50-59% sufficient (2)
- 60-69% intermediate (3)
- 70-84% good (4)
- 85-100% excellent (5)

6. COMPULSORY READINGS:

Slides of the lectures

7. RECOMMENDED READINGS:

- D Devuyt: Human Settlement Development Information and Knowledge. <https://www.eolss.net/Sample-Chapters/C13/E1-46A-05-09.pdf>
- A. Bai, E. Durkó, K. Tar, J. B. Tóth, I. Lázár, L. Kapocska, A. Kircsi, B. Bartók, R. Vass, J. Péntes, T. Tóth: Social and economic possibilities for the energy utilization of fitomass in the valley of the river Hernád Renewable Energy, Volume 85, doi:10.1016/j.renene.2015.06.069 IF (2015): 3,404, ISSN: 0960-1481, January 2016, Pages 777–789

**Project Management GT\_MVINE003**

Institute: Institute of Applied Economics Sciences

Classes per week: 0+2

Course credit value: 3

Prerequisites: -

1. INSTRUCTORS:

SZŰCS, István PhD associate professor [szucs.istvan@econ.unideb.hu](mailto:szucs.istvan@econ.unideb.hu)

Consultation: Tuesday 10.00-12.00

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## 2. COURSE GOALS:

The main goal of the course to give the basic theoretical introduction of the general project management. The specific aim of this course is to provide a step-by-step procedure for preparing a rural development project plan using the tools and techniques necessary to complete it. The course goes beyond simply discussing what is required in the rural development analyses; it explains why certain information is required, how it may be best presented. The other goal of the course is to get students acquainted with project management basics, methodology and key project management features (e.g. project, planning, organization, implementation, monitoring and evaluation, etc.). After acquiring the subject, students will be able to prepare and carry out projects and acquire the basic knowledge needed to make the applications. In the part of the course, the student teams prepare a project plan and the application material for a rural development project under the guidance of the lecturer.

## 3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/ Readings, assignments
1.	Theoretical background of Project Management: definitions, project types, project phases, PCM, project resources	ppt slides
2.	Project Planning I.: project idea, project proposal, project plan; Feasibility Study (Brainstorming; SWOT analysis)	ppt slides
3.	Project Planning II.: Logical Framework Approach (LFA); Situation analysis, Problem exploration; Objective analysis, target system strategy creation (problem tree, target group, objective tree, stakeholder analysis)	ppt slides

**COURSE DESCRIPTIONS**

Week, date	Topic	Lecture/Seminar/ Readings, assignments
4.	Project Planning III.: Logical Framework Matrix (LFM), planning: activities, time schedule, resource and cost; Gantt diagram, network planning/technique	ppt slides
5.	Project Planning IV.: cost planning, project risk and risk management	ppt slides
6.	Project organization, project management, PM team building, project management	ppt slides
7.	Project communication (levels, forms, guidelines, PR), communication plan for projects	ppt slides
8.	Investment / procurement, tendering, quotations, evaluation	ppt slides
9.	Complex economic analysis of investment projects (CBA, NPV, IRR, PI, DPP)	ppt slides
10.	Implementation of projects: administration / documentation, quality assurance, contract types	ppt slides
11.	Project monitoring / control / evaluation; Project controlling, project crisis	ppt slides
12.	Closing of project, dissemination / sustainability	ppt slides
13.	Project presentation I.	ppt slides
14.	Project presentation II.	ppt slides

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#### 4. COURSE AND EXAM REQUIREMENTS:

The students prepare as a team work a project plan for a specific rural development project in association with the lecturer. Considerations to consider when developing a practical score (max. 40 points): team work; quality of presentation of the project plan; answers to the questions asked during the presentation and the comments they made. The maximum point of the written paper (project plan) is 60 points. Signature is a requirement for regular lessons and active participation in the exercises.

#### 5. ASSESSMENT AND GRADING:

Based on the final (five-grade) grade and written points and the practical score. (Written paper max. 60 points; Practical score: 40 points; Totally: 100 points) Requirement of a minimum of 60% performance. Each team member has a written score of the same.

The semester ends with a practical assignment. The final result will be evaluated according to the following schedule:

0–59% failed (1)

60–66% satisfactory (2)

67–75% average (3)

76–84% good (4)

85–100% excellent (5)

#### 6. COMPULSORY READINGS:

- I. Szűcs (2017): Slide of lectures and exercises, 2017.
- Jack R. Meredith – Samuel J. Mantel. Jr. (2009): Project management – A Managerial Approach Seventh edition, USA, John Wiley & Sons, Inc. ISBN-13 978-0-470-22621-6

#### 7. RECOMMENDED READINGS:

- M. C. Thomsett (1990): The Little Black Book of Project Management, AMACOM, 1990.
- J. M. Nicholas – H. Steyn (2012): Project Management for Engineering, Business and Technology fourth edition, 2 Park Square, Milton Park, Abingdon, Oxon OX14 4RN, ISBN: 978–0–08–096704–2



## Economics of Agricultural Markets GT\_MVINE007

Institute: Institute of Applied Economic Sciences

Classes per week: 2+1

Course credit value: 4

Prerequisites: -

1. **INSTRUCTORS:**

KOVÁCS, Krisztián, Phd assistant lecturer

kovacs.krisztian@econ.unideb.hu, consultation: Tuesdays: 10.00-12.00

2. **COURSE GOALS:**

The main goal of the course is to give the basic theoretical introduction of the economics concepts and models of the agricultural markets. The specific aim of this course is to provide a step-by-step procedure for preparing an agricultural sectoral analyses and the tools and techniques necessary to complete it. The course goes beyond simply discussing what is required in the agricultural sectoral analyses; it explains why certain information is required, how it may be best presented.

3. **COURSE SCHEDULE:**

Week, date	Topic	Lecture/Seminar/Readings, assignments
1	Introduction of the course and background	ppt slides
2	Overview of markets and marketing	ppt slides
3	Structure of Agriculture Market Analyses	ppt slides
4	Measuring the economic importance of agricultural and food marketing activities	ppt slides
5	Index numbers	ppt slides

Week, date	Topic	Lecture/Seminar/Read ings, assignments
6	Supply- demand and elasticity concepts	ppt slides
7	Models of market behaviour / Alternative market structures	ppt slides
8	Spatial characteristics of markets	ppt slides
9	Local markets and international trade (model and policies)	ppt slides
10	Storage decisions in the marketing of agricultural and food products	ppt slides
11	Coping with risk in agriculture	ppt slides
12	Future markets/Fundamentals of hedging	ppt slides
13	Options markets and their uses	ppt slides
14	Agricultural market analyse defense	ppt slides

4. COURSE AND EXAM REQUIREMENTS:

- Max. 3 absences.
- Send the agricultural Market Analyse on time (deadline for submission: 19 May 2018, 8 AM) via email (kovacs.krisztian@econ.unideb.hu).
- Style and format of the agricultural Market Analyse is equal the thesis requirements.
- If the student does not fulfil these requirements, and/or the submitted the agricultural Market Analyse does not result in the student's own work, the signature will be denied.
- The written examination can be retaken once, it can be taken in the 1st or 2st week of the exam period (the exact date will be published later via the Neptun).

## COURSE DESCRIPTIONS

### 5. ASSESSMENT AND GRADING:

The semester ends with a practical assignment. The calculation of the final grade is as follows:

The agricultural Market Analyses and defence: 30% (The success of the assignment for its professional quality, professionalism of the plan, as well as based on correct information)

Written examination: 70%

The semester will be considered successful if the student reach 50-50% in the written exam and the assignment (Arg. Market Analyses) as well. The final result will be evaluated according to the following schedule:

0–50% failed (1)

51–60% satisfactory (2)

61–74% average (3)

75–90% good (4)

91–100% excellent (5)

### 6. COMPULSORY READINGS:

Ronald A. Schrimper: Economics of Agricultural Markets, North Carolina State Universty 2001, Upper Saddle River, New Jersey 07458, isbn 0-13-775776-x

### 7. RECOMMENDED READINGS:

- HELMBERGER, Peter G., et al. The economics of agricultural prices. Prentice-Hall Inc., 1996.
- COLMAN, David; YOUNG, Trevor. Principles of agricultural economics: markets and prices in less developed countries. Cambridge University Press, 1989.
- KOHLS, Richard Louis, et al. Marketing of agricultural products. Macmillan Publishing Company, 1990.
- JENSEN, Robert T. Information, efficiency, and welfare in agricultural markets. Agricultural Economics, 2010, 41.s1: 203-216.
- HARDAKER, J. BRIAN (ED.). COPING WITH RISK IN AGRICULTURE. CABI, 2004.
- MOSCHINI, Giancarlo; HENNESSY, David A. Uncertainty, risk aversion, and risk management for agricultural producers. Handbook of agricultural economics, 2001, 1: 87-153.

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## Economics of Agriculture Sectors GT\_MVINE008

Institute: Institute of Applied Informatics and Logistics

Classes per week:2+1

Course credit value: 3

Prerequisites: -

1. **INSTRUCTORS:**

FELFÖLDI, János PhD associate professor; [felfoldi.janos@econ.unideb.hu](mailto:felfoldi.janos@econ.unideb.hu)

KEREKES, Vivien; [kerekes.vivien@econ.unideb.hu](mailto:kerekes.vivien@econ.unideb.hu)

2. **COURSE GOALS:**

Our aim is to introduce the agricultural systems, those plant production parts and its economic role. In addition, the course involves the economic contexts of the main crop production sectors and its features. Moreover, the students have to be acquainted with the management part of agricultural enterprises and its influential factors. Finally, we will introduce the mechanism and the means of market regulation in connection of the sectors each by each.

3. **COURSE SCHEDULE:**

Week, date	Topic	Lecture/Seminar/Readings, assignments
1	Basics of enterprise	<b>lecture:</b> Entrepreneurial knowledge
		<b>seminar:</b> case examples for entrepreneurial knowledge
2	Human resources management	<b>lecture:</b> Human resources management
		<b>seminar:</b> case examples for HRM
3	Strategic management	<b>lecture:</b> Strategic management
		<b>seminar:</b> case examples for strategic management
4	Sector analysis and activities connected	<b>lecture:</b> Sector analysis and activities connected
		<b>seminar:</b> case examples for sector analysis and activities connected

## COURSE DESCRIPTIONS

Week, date	Topic	Lecture/Seminar/Readings, assignments
5	Importance of crop production in agriculture	<b>lecture:</b> Importance of crop production in agriculture
		<b>seminar:</b> case examples for importance of crop production in agriculture
6	Economic questions of production structure	<b>lecture:</b> Economic questions of production structure
		<b>seminar:</b> case examples for economic questions of crop enterprise structure
7	Economic parts of mechanization and crop protection	<b>lecture:</b> Economic parts of mechanization and crop protection
		<b>seminar:</b> case examples for economic parts of mechanization and crop protection
8	Economic questions of nutrition management and irrigation	<b>lecture:</b> Economic questions of nutrition management and irrigation
		<b>seminar:</b> case examples for economic questions of nutrition management and irrigation
9	Economic parts of production of cereals	<b>lecture:</b> Economic parts of production of cereals
		<b>seminar:</b> case examples for economic parts of production of cereals
10	Economic questions of oily, leguminous plants and tobacco	<b>lecture:</b> Economic questions of oily, leguminous plants and tobacco
		<b>seminar:</b> case examples for economic questions of oily, leguminous plants and tobacco
11	Economic questions of corn production	<b>lecture:</b> Economic questions of corn production
		<b>seminar:</b> case examples for economic questions of corn production

Week, date	Topic	Lecture/Seminar/Readings, assignments
12	Economic questions of sugar beet	<b>lecture:</b> Economic questions of sugar beet
		<b>seminar:</b> case examples for economic questions of sugar beet
13	Economic question of potato	<b>lecture:</b> Economic question of potato
		<b>seminar:</b> case examples for economic question of potato
14	EU's regulatory system regarding the main agricultural sectors	<b>lecture:</b> EU's regulatory system regarding the main agricultural sectors
		<b>seminar:</b> case examples for EU's regulatory system regarding the main agricultural sectors

4. COURSE AND EXAM REQUIREMENTS:

Courses have to be attended as it is in the regulations. Additional requirements are those that must be met by each student within the semester and are specified and communicated by the course master. These requirements are definitely related to the topics discussed in the course.

5. ASSESSMENT AND GRADING: Oral examination that may result in from 1 to 5, which grade will be calculated as a combined one with those results coming from the performances over the semester. As students have to write a case study during the semester, that is the prerequisite of oral examination.

6. COMPULSORY READINGS: The PPT-s of the lectures and handouts

7. RECOMMENDED READINGS: statistics of FAO and EUROSTAT

## **Business Consulting GT\_MVINE015**

Institute: Institute of Rural Development, Tourism and Sports Management

Classes per week: 2+1

Course credit value: 4

Prerequisites: -

1. **INSTRUCTORS:**

PETŐ, Károly, PhD professor, peto.karoly@econ.unideb.hu

(SUTA, Éva, sutaeva@gmail.com)

2. **COURSE GOALS:**

The aim of the subject is to get the students acquainted with the basis of the developing and supporting extension service, and with the knowledge relating to general and professional methodology. Within all these the primary objective is to introduce the elements of business extension service, to detail the process and the tools of extension, and to get to know the operation of extension organizations.

The students will be able to reveal and define the existing problems, and select the necessary extension organization.

3. **COURSE SCHEDULE:**

Week, date	Topic	Lecture/Seminar/Readings, assignments
1.	Business Consulting forming and development	Starting Semester
2.	Basic terms of Business Consulting (Importance, Definitions, Goals of Business Consulting)	
3.	Main specifications of Business Consulting and importance of Hungarian economical life	Home essay project consultation, topic, main parts, Situation Analysis
4.	Main areas of Business Consulting, knowledge-intense services main characteristics	

Week, date	Topic	Lecture/Seminar/Readings, assignments
5.	Business Consulting as a service, Features of Consultant	Discussion of Home essay parts, Problem Analyzing
6.	Different types of Business Consulting	
7.	Process of Business Consulting	Discussion of Home essay parts, Problem solving, Action plan development
8.	Psychology of Business Consulting, coaching	
9.	Knowledge transfer methods I (Individual and group communications methods)	Home Essay presentation and correcting
10.	Knowledge transfer methods II (Public communications methods, training organization)	
11.	Decision Making	Home Essay presentation and correcting
12.	Chrysis Forecast	
13.	Business Reorganization	Consulting, Closing Semester,
14.	Written exam or Test	

4. COURSE AND EXAM REQUIREMENTS:

Conditions of accepted semester: Students must be at Course by personally (only 30% of missing is acceptable from lectures) and Home Essay must be min. grade:2,

There is an opportunity to get an offered grade: during terms written exam must be at least grade 2

5. ASSESSMENT AND GRADING:

Mark of written exam



## COURSE DESCRIPTIONS

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6. **COMPULSORY READINGS:**

Ray, G. L. : Extension Communication and Management, Kalyani Publishers, 2015

7. **RECOMMENDED READINGS:**

Nell, W.T. – Napier, R.J.: Strategic Approach to Farming Success, International Farm Management Association, 2005

### **Alternative Management GT\_MVINE016**

Institute: Applied Informatics and Logistics

Classes per week: 2+0

Course credit value: 3

Prerequisites: -

1. **INSTRUCTORS:**

BAI, Attila, PhD associate professor bai.attila@econ.unideb.hu

Monday 14.00 – 16.00

2. **COURSE GOALS:**

To introduce (1) the plant production possibilities excluding conventional food-, or feed production, (2) the characteristics, production technology, utilization and economics of the most important energy plant, plantations and varieties to the students, (3) The most significant biomass-energy methods, (4) The specialities of planning and operation of biomass-energy projects. Complex and vertical economic approach will be emphasized.

3. **COURSE SCHEDULE:**

Week, date	Topic	Lecture/Seminar/Readings, assignments
1	Registration week	Consultation, TVK 020
2	Introduction of requirements, Alternative management in plant production. General overview of biomass, energy plants, general energetics	Lecture

Week, date	Topic	Lecture/Seminar/ Readings, assignments
3	Biomass-energy methods I. (direct burning,)	Lecture
4	Biomass-energy methods III. (biogas)	Lecture
5	Biomass-energy methods IV. (liquid bio-fuels)	Lecture
6	Consultation	Consultation, TVK 020
7	Consultation	Consultation, TVK 020
8	Woody energy plants and plantations	Lecture
9	Herbaceous energy plants and plantations,	Lecture
10	Energy varieties, algae production (Submitting the paper)	Lecture
11	Oral presentation of the paper	Seminar
12	Oral presentation of the paper	Seminar
13	Oral presentation of the paper	Seminar
14	Written test	Lecture

#### 4. COURSE AND EXAM REQUIREMENTS:

The students shall write a test in the last week of the semester. The prerequisite of the signature of the course is that the score of this test will reach, or exceed 25% of the maximum score. Another prerequisite of the signature is the submission and the oral presentation of an own-made complex settlement development concept extended with an investment analysis, with the pre-given content till the deadline (the end of the 8th week of the semester). The head of the course is going to refuse to sign the course

if each of the three above-mentioned requirements is unsuccessful (e.g. in case of absence from the oral presentation, or overrun of deadline).

### 5. ASSESSMENT AND GRADING:

The grade of the test with minimum 25% performance, of the paper and of the oral presentation results a proposed (average) grade, which can be corrected based on the Regulation of Studies during the exam period. To reach minimum “sufficient (2)” grade from each of the above-mentioned three partial grade(test, paper, presentation) is indispensable for successful result of the semester.

Assessment of performance (grades):

- 0-24% refusing of signature
- 25-49% insufficient (1)
- 50-59% sufficient (2)
- 60-69% intermediate (3)
- 70-84% good (4)
- 85-100% excellent (5)

### 6. COMPULSORY READINGS:

Slides of the lectures

### 7. RECOMMENDED READINGS:

- Mark Lynas: Six Degrees: Our Future on a Hotter Planet: Fourth Estate, London, 2007. [https://books.google.hu/books?id=xhNeobiGHJYC&printsec=frontcover&dq=lynas,+six+degrees&hl=hu&sa=X&ved=0ahUKEwjYkLq87r\\_UAhVDzxQKHRufCdUQ6AEIJDAA#v=onepage&q=lynas%2C%20six%20degrees&f=false](https://books.google.hu/books?id=xhNeobiGHJYC&printsec=frontcover&dq=lynas,+six+degrees&hl=hu&sa=X&ved=0ahUKEwjYkLq87r_UAhVDzxQKHRufCdUQ6AEIJDAA#v=onepage&q=lynas%2C%20six%20degrees&f=false)
- Paul Roberts: The End of Oil: On the Edge of a Perilous New World. New York, 2004. [https://books.google.hu/books?id=YOT-Ot53UgkC&printsec=frontcover&dq=The+end+of+oil,+roberts&hl=hu&sa=X&ved=0ahUKEwi3xc317b\\_UAhWDuxQKHb8IA-QQ6AEIJDAA#v=onepage&q=The%20end%20of%20oil%2C%20roberts&f=false](https://books.google.hu/books?id=YOT-Ot53UgkC&printsec=frontcover&dq=The+end+of+oil,+roberts&hl=hu&sa=X&ved=0ahUKEwi3xc317b_UAhWDuxQKHb8IA-QQ6AEIJDAA#v=onepage&q=The%20end%20of%20oil%2C%20roberts&f=false)
- Bai A., Stündl L., Bársony P., Jobbágy P., Herpergel Z., Fehér M., Vaszkó G.: Algae production on pig sludge. Agronomy for Sustainable Development. ISSN: 1774-0746 (print version) ISSN: 1773-0155 (electronic

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version). IF (2012): 3,573. DOI: 10.1007/s13593-011-0077-2, 2012, pp. 611-618

- A. Bai, E. Durkó, K. Tar, J. B. Tóth, I. Lázár, L. Kapocska, A. Kircsi, B. Bartók, R. Vass, J. Péntzes, T. Tóth: Social and economic possibilities for the energy utilization of fitomass in the valley of the river Hernád Renewable Energy, Volume 85, doi:10.1016/j.renene.2015.06.069 IF (2015): 3,404, ISSN: 0960-1481, January 2016, Pages 777–789

- József Popp; Mónika Harangi-Rákos; Zoltán Gabnai; Péter Balogh; Gabriella Antal; Attila Bai: Biofuels and Their Co-Products as Livestock Feed: Global Economic and Environmental Implications MOLECULES (ISSN: 1420-3049) 21: (3) Paper 285. 26 p. (2016) IF (2015): 2,465

- Attila Bai, Péter Jobbágy, József Popp, Gábor Grasselli, János Szendrei, Péter Balogh, Technical and environmental effects of biodiesel use in local public transport, Transportation Research Part D: Transport and Environment, Volume 47, August 2016, Pages 323-335, ISSN 1361-9209, IF (2015): 1,864 <http://dx.doi.org/10.1016/j.trd.2016.06.009>. (<http://www.sciencedirect.com/science/article/pii/S1361920916303601>)

- Bai A: Visions about a Renewable Future TRENDS IN RENEWABLE ENERGY (ISSN: 2376-2136) (eISSN: 2376-2144) 2: (2) pp. 51-53. (2016)

Internet: [www.biogas.hu](http://www.biogas.hu), [www.epure.org](http://www.epure.org), [www.ebb-eu.org](http://www.ebb-eu.org),  
[www.aebiom.org](http://www.aebiom.org), [www.mekh.hu](http://www.mekh.hu), [www.oilgae.com](http://www.oilgae.com), [www.iea.org](http://www.iea.org),  
[www.energia.lap.hu](http://www.energia.lap.hu), [www.biomassza.lap.hu](http://www.biomassza.lap.hu), [www.energiaklub.hu](http://www.energiaklub.hu),  
[www.bloomberg.com](http://www.bloomberg.com), [www.eurobserv-er.org](http://www.eurobserv-er.org), [www.aki.gov.hu](http://www.aki.gov.hu),  
[www.zoldtech.hu](http://www.zoldtech.hu)

## **Local Economic Development (LED) GT\_MVINE017**

Institute: Institute of Applied Economics Sciences

Classes per week: 2+0

Course credit value: 3

Prerequisites: -

1. INSTRUCTORS:

POSTA, László CSc., associate professor

[posta.laszlo@econ.unideb.hu](mailto:posta.laszlo@econ.unideb.hu)

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## COURSE DESCRIPTIONS

### 2. COURSE GOALS:

The goal of the course that students understand the meaning and content of local economic development. they have to know the construction of a local economic development strategy in general and in details. they will be able to evaluate case studies in the field of LED.

### 3. COURSE SCHEDULE:

Week, date	Topic	Lecture
1.	Introduction to Local Economic Development	
2.	The LED Strategic Planning Process in General	
3.	The LED Strategic Planning Process in Details: Stage One: Organising the Effort	
4.	Stage Two: Local Economy Assessment	
5.	Stage Three: Strategy Making 1. – Vision, Goals	
6.	Stage Three: Strategy Making 2. – Objectives, Programs, Projects	
7.	Stage Four: Strategy Implementation	
8.	Stage Five: Strategy Review	
9.	Collecting Information for a LED Strategy	
10.	Questionnaire for Local Businesses to Develop a LED Strategy	
11.	Case study 1. – City of Smolyan (Bulgaria)	

Week, date	Topic	Lecture
12.	Case study 2. – City of Rezekne (Latvia)	
13.	Case study 3. – City of Poprad (Slovak Republic)	
14.	Written examination	

4. COURSE AND EXAM REQUIREMENTS:

Participation on lectures is recommended, attendance occasionally checked by the Regulation of Studies and Examinations and the Code of Ethics of the University of Debrecen and Faculty of Economics and Business.

5. ASSESSMENT AND GRADING:

At the end of the semester students make a written examination on the whole material of the lectures, for what they get a five grade result. Within the creation of their final result the activity of students within the field of case studies is also considered.

6. COMPULSORY READINGS:

1. Gwen Swinburn – Soraya Goga – Fergus Murphy: Local Economic Development: A Primer Developing And Implementing Local Economic Development Strategies And Action Plans The World Bank, Cities of Change, Bertelsmann Stiftung 2006. 1 – 91.p.

2. Gwen Swinburn – Fergus Murphy (Editors): Local Economic Development Strategic Planning And Practice Casebook A Knowledge Product of Cities of Change 2010. 1 – 139. p.

7. RECOMMENDED READINGS:

1. Understanding Your Local Economy – A Resource Guide for Cities The Cities Alliance, 2007. Washington D.C., USA 1 – 148.p.

2. Douglas Webster – Larissa Muller: Urban Competitiveness Assessment in Developing Country Urban Regions: The Road Forward The World Bank, Washington D.C., USA 2000. 1 – 48.p

## Analysis of Agricultural Programs GT\_MVINE021

Institute: Institute of Sectoral Economics and Methodology

Classes per week: 0 + 2    Course credit value: 2

Prerequisites: -

1.        **INSTRUCTORS:**

POPP, József, D.Sc., professor popp.jozsef@econ.unideb.hu

HARANGI-RÁKOS, Mónika, assistant professor,

rakos.monika@econ.unideb.hu

2.        **COURSE GOALS:**

The aim of the course for the students is to learn and understand the role of the rural policy in economic policies. Obtain information on rural policy, recognize the rural development legislation. Understand the national rural strategy and the role of innovation in rural development.

3.        **COURSE SCHEDULE:**

Week, date	Topic	Lecture/Seminar/Readings, assignments
1	Introduction	
2	International Theory of Agricultural Policies	
3	Past Development of Agricultural Policies	
4	Goal and Instrument of Agricultural Policy	
5	Institutions of Agricultural Policy	
6	Role of Agricultural Sector	
7	Common Agricultural Policy (CAP) of the EU	

Week, date	Topic	Lecture/Seminar/Readings, assignments
8	Development of the CAP	
9	Direct payments	
10	Common Commercial Policy (CCP)	
11	Instruments of the CCP	
12	Comparative Analysis of the CAP and CCP	
13	Organisation linked to agricultural policy	
14	Future – new challenges	

#### 4. COURSE AND EXAM REQUIREMENTS:

Active participation. Students, working in groups, get different literatures linked to the examined topics, from which they have to prepare presentations along the practices.

#### 5. ASSESSMENT AND GRADING:

Final mark is based on their work along the semester and the final oral exam (30%+70%)

Marks: 90% or above – 5  
80% - 89% – 4  
70% - 79% – 3  
60% - 69% – 2  
59% or below – 1

#### 6. COMPULSORY READINGS:

Krijn J. Poppe; Catherine Termeer, Maja Slingerland (editors) (2009): Transitions toward sustainable agriculture and food chains in peri-urban areas. Wageningen Academic Publishers



Woodhill, J. (2008): How institutions evolve - Shaping behaviour. The Broker Issue 10 October 2008 pp 4-8  
<http://www.thebrokeronline.eu/en/Magazine/articles/Shaping-behaviour>

7. RECOMMENDED READINGS:

European Commission (2013): Impact indicators. Draft – Work in progress. Updated following political agreement on CAP reform

European Commission (2013): Overview of CAP Reform 2014-2020.  
[https://ec.europa.eu/agriculture/sites/agriculture/files/policy-perspectives/policy-briefs/05\\_en.pdf](https://ec.europa.eu/agriculture/sites/agriculture/files/policy-perspectives/policy-briefs/05_en.pdf)

European Commission (2013): Agricultural and rural development.  
[https://ec.europa.eu/agriculture/cap-overview\\_en](https://ec.europa.eu/agriculture/cap-overview_en)

**Community Development GT\_MVINE101**

Institute: Institute of Applied Economics Sciences

Classes per week: 2+0

Course credit value: 2

Prerequisites: -

1. INSTRUCTORS:

KATONÁNÉ KOVÁCS, Judit PhD assistant professor  
[katonane.kovacs.judit@econ.unideb.hu](mailto:katonane.kovacs.judit@econ.unideb.hu)

2. COURSE GOALS:

The aim of the course is to develop the culture of collaboration, co-creation, co-operation. To understand the role of the individual and the context in community development, the importance of coordinating with others. According to the World Economic Forum, coordinating with others is the 5th on the list of TOP 10 skills for 2020. Through lectures, own observations and reflections participants of the course will deepen their knowledge in system thinking, will learn those methods and models, which will help them developing their own personal and professional communities, which also an important element of rural development. Researches in the field of rural development show that communities have a strong effect to sustain rural regions.

3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/Readings, assignments
1.	Introduction to community development	What I already know about this topic? What I would like to learn in this semester? Creation of the learning contract
2.	Different levels of trust	Selecting a community for case study analysis
3.	The role of the individual	Self-awareness - Character
4.	Examining values, mission and vision	Competence – capability, results
5.	Context	Quadruple helix
6.	Good practises of community development	Good practises of community development
7.	Role of modelling behaviour in community development	DISC model
8.	Social resources	Listening and dialogue
9.	Neo-endogenous development	Bottom up – top down v. outside in –inside out
10.	Community, locality, communication	Words create world
11.	Tools for activating cooperation	Role of visualisation

## COURSE DESCRIPTIONS

Week, date	Topic	Lecture/Seminar/Readings, assignments
12.	Art of hosting	Pro Action Cafe, World Café, Open Space
13.	Role of information technology in community development	Community video, blog, social media
14.	Networking, learning organizations, social innovation	Mapping
15.	Summary	Reflection on the learning contract

#### 4. COURSE AND EXAM REQUIREMENTS:

Students write an essay from a selected literature, create a presentation and organise a dialogue about it on the seminar.

Students select a community for case study and analyse it.

Active participation in the training sessions is needed.

Number of absences permitted under applicable legislation.

#### 5. ASSESSMENT AND GRADING:

Documentation of the Personal Learning contract - 20 points

Book Essay - What messages / theories / concepts were described in the text?

How could these theories be used in social enterprises? - 40 points

Presentation of the selected case study 40 points

All together 100 points can be reached.

above 90 points - 5

80-89 points - 4

70-79 points - 3

60-69 point - 2

under 59 points – 1

#### 6. COMPULSORY READINGS:

Peter Block (2008): Community. The structure of belonging.

Stephen M. R. Covey és Rebecca R. Merrill (2006): The speed of trust. The one thing that changes everything

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7. **RECOMMENDED READINGS:**

Patrick Lencioni (2002): The five disfunctions of a team. Audios -

Patrick Lencioni (2016): The ideal team player: How to recognize and cultivate the three essential virtues

**Production and Operation Management GT\_MVINE023**

Institute: Applied Economics Sciences

Classes per week: 2+1

Course credit value: 4

Prerequisites: -

1. **INSTRUCTORS:**

BAI, Attila, PhD associate professor bai.attila@econ.unideb.hu

Monday 14.00 – 16.00

2. **COURSE GOALS:**

To introduce the students: (1) the methods of efficient coordination, optimization between the inputs and the production/service systems, (2) the special tools of prognostization and economic evaluation and to prepare the students to the use of these calculations in practice.

3. **COURSE SCHEDULE:**

Week, date	Topic	Lecture/Seminar/Readings, assignments
1	Registration week	Consultation, TVK 020
2	Classification and importance of POM, production systems, introduction of requirements	Lecture
3	Capacity calculations	Lecture
4	Stock management I.	Lecture
5	Stock management II., JIT theory	Lecture
6	Consultation	Consultation, TVK 020

## COURSE DESCRIPTIONS

Week, date	Topic	Lecture/Seminar/Readings, assignments
7	Consultation	Consultation, TVK 020
8	Market of the most important inputs (capital, labour)	Lecture
9	Spatial economy, clusters (Submitting the paper)	Lecture
12	Oral presentation of the paper	Seminar
13	Oral presentation of the paper	Seminar
14	Written test	Lecture

#### 4. COURSE AND EXAM REQUIREMENTS:

The students shall write a test in the last week of the semester. The prerequisite of the signature of the course is that the score of this test will reach, or exceed 25% of the maximum score. Another prerequisite of the signature is the submission and the oral presentation of an own-made complex settlement development concept extended with an investment analysis, with the pre-given content till the deadline (the end of the 8th week of the semester). The head of the course is going to refuse to sign the course if each of the three above-mentioned requirements is unsuccessful (e.g. in case of absence from the oral presentation, or overrun of deadline).

#### 5. ASSESSMENT AND GRADING:

The grade of the test with minimum 25% performance, of the paper and of the oral presentation results a proposed (average) grade, which can be corrected based on the Regulation of Studies during the exam period. To reach minimum "sufficient (2)" grade from each of the above-mentioned three partial grade (test, paper, presentation) is indispensable for successful result of the semester.

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Assessment of performance (grades):

- 0-24% refusing of signature
- 25-49% insufficient (1)
- 50-59% sufficient (2)
- 60-69% intermediate (3)
- 70-84% good (4)
- 85-100% excellent (5)

6. COMPULSORY READINGS:

Slides of the lectures

7. RECOMMENDED READINGS:

- Journal of Operations Management (Elsevier):  
<https://www.journals.elsevier.com/journal-of-operations-management/>
- Kumal-Suresh: Production and Operation Management, ISBN : 978-81-224-2425-6, Bangalore, 2008  
[http://tn.upi.edu/pdf/Production\\_and\\_Operations\\_Management.pdf](http://tn.upi.edu/pdf/Production_and_Operations_Management.pdf)
- R. Panneerselvam: Production and Operations Management. PHI Learning Pvt. Ltd., 2012 [https://books.google.hu/books?id=ecJWJZjuC-cC&printsec=frontcover&hl=hu&source=gbs\\_ge\\_summary\\_r&cad=0#v=onepage&q&f=false](https://books.google.hu/books?id=ecJWJZjuC-cC&printsec=frontcover&hl=hu&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false)

## **Regional Planning and Programming GT\_MVINE018**

Institute: Rural Development, Tourism and Sports Management

Classes per week: 2+2

Course credit value: 5

Prerequisites: -

1. INSTRUCTORS:

HORVÁTH, Péter, PhD, assistant professor, horvath.peter@econ.unideb.hu,  
Monday, 08:00-10:00 a.m.

2. COURSE GOALS:

Planning is an integral part of our everyday lives. The course, based on the theoretical background, presents the practice of planning in the European Union. The students will be going to know the most important planning tools and gain insight their practical application as well.

COURSE DESCRIPTIONS

3. COURSE SCHEDULE:

Week, date	Topic (lecture)	Topic (seminar)
1.	<i>Introduction, requirements</i>	<i>Introduction, requirements</i>
2.	The basic concepts of regional planning and development	Discussing the parts and topics of case studies and presentations I.
3.	General principles of elaboration of plans and their historical development I.	Discussing the parts and topics of case studies and presentations II.
4.	Community planning	Discussing the parts and topics of case studies and presentations III.
5.	The process of territorial planning I.	Presentation of students
6.	The process of territorial planning II.	Presentation of students
7.	<b><i>Written examination</i></b>	Presentation of students
8.	The relationship between the sectors of the economy and regional planning	Presentation of students
9.	High-level planning issues related to the development of a complex development plan for the regions I.	Presentation of students
10.	High-level planning issues related to the development of a complex development plan for the regions II.	Presentation of students
11.	International issues of regional planning	Presentation of students

Week, date	Topic (lecture)	Topic (seminar)
12.	Complex methods for planning I.	Presentation of students
13.	Complex methods for planning II:	Presentation of students
14.	<b><i>Written examination</i></b>	Presentation of students

4. COURSE AND EXAM REQUIREMENTS:

The condition of the signature is to write an essay on planning and programming of a region till the end of the semester and give a ppt. presentation on the major results.

5. ASSESSMENT AND GRADING:

Recommended mark on the basis of the two interim written exams

6. COMPULSORY READINGS:

- ppt. materials of the lectures
- Wilson, I. F. – Rroji, A. – Wilson, A. D. – Szymanowicz, M. W. (2013): Local and Regional Development Planning: Thinking Globally and Acting Locally, Maluka, p 141.

7. RECOMMENDED READINGS:

Glasson, J – Marshall, T (2007): Regional Planning, Routledge, p. 336

### **Food Chain Safety Knowledge GT\_MVINE026**

Institute: Institute of Applied Informatics and Logistics

Classes per week: 2+0

Course credit value: 2

Prerequisites: -

1. INSTRUCTORS:

SZILÁGYI, Róbert, PhD associate professor,  
szilagyi.robert@econ.unideb.hu

FÜZESI, István, PhD assistant professor, fuzesi.istvan@econ.unideb.hu



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## COURSE DESCRIPTIONS

### 2. COURSE GOALS:

The course is designed to reach an advanced level of food chain safety knowledge. These knowledge will help them in the following courses and as well as in the practice. They have to learn about basics of information systems, the structure of business information systems, the background of ICT in agri-business, the theory and practice in food safety, the technology and information systems behind the food safety. The course is mainly application and applied theory oriented.

### 3. COURSE SCHEDULE:

Week, date	Topic	Lecture/Seminar/ Readings, assignments
1.	Introduction to the food safety, analyses of the most important hazards	lecture
2.	Food chain management's information requirement	lecture
3.	Integrated information systems in food chain	lecture
4.	Food safety economics	lecture
5.	Management of safety in supply chain	lecture
6.	Principles and Systems for food quality	lecture
7.	Consumer and food safety, food labeling	lecture
8.	Traceability and identification in food supply chain	lecture
9.	Quality management systems supporting the food safety (HACCP, 178/2002, ISO22000, EFSIS, BRC, IFS)	lecture

Week, date	Topic	Lecture/Seminar/ Readings, assignments
10.	Farm to table risk analysis and HACCP	lecture
11.	Regulating food safety in European Union	lecture
12.	Official databases in food safety	lecture
13.	Mobile and sensor technology in food chain safety	assignments
14.	Presentation of student's project work	assignments

#### 4. COURSE AND EXAM REQUIREMENTS:

For the completion of the semester students have to pass a theoretical test during the semester.

#### 5. ASSESSMENT AND GRADING:

50% theoretical exam

50% Project work)

Rating: Marks:

0-50% 1

51-60% 2

61-73% 3

74-87% 4

88% - 5

#### 6. COMPULSORY READINGS:

Velthuis A.G.J., Unnevehr L.J., Hogeveen H., Huirne R.B.M. (Eds.) New approaches to food safety economics, 2003, ISBN1-4020-1426-0

ICT in Agriculture: Perspectives of Technological Innovation (<http://departments.agri.huji.ac.il/economics/gelb-main.html>)

Presentation of lecture and seminars

7. RECOMMENDED READINGS:

Date, J. C.: An Introduction to Database Systems, Addison Wesley, 2004

Motarjemi Y., Lelieveld H. (Eds.) Food Safety Management, A Practical Guide for the Food Industry), 2013 ISBN: 9780123815040

Schmidt R.H, Rodrick G.E. Food Safety Handbook, 2003, ISBN 978-0-171-21064-1

Egendorf L. (1999): Food Safety. Greenhaven Press, Detroit, 129 p.

Smith I., Furness A. (2006): Improving Traceability in Food Processing and Distribution. Woodhead Publishing, Cambridge 258 p.