Course descriptions

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COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-400/14	**Course title:** Banking

Educational activities:
 Type of activities: lecture / practicals
 Number of hours:
  per week: 2 / 2 **per level/semester:** 28 / 28
 Form of the course: on-site learning

Number of credits: 6

Recommended semester: 5.

Educational level: I.

Prerequisites:

Course requirements:
 During the term there will be two control written works (together 25 points), two presentations of actual banking topics (each 5 points), the first topic to be presented till the 6th week of the term, the second topic within 7-12th week. Other activities: 5 points.
 Final written exam (60 points).
 Hodnotenie A B C D E FX
 body 91-100 81-90 73-80 66-72 60-65 <59

Learning outcomes:
 To get knowledge on how banks operate in economy; financial market regulation; risks in banking; liability and asset management; new trends in banking.

Class syllabus:
 • Banking and the Financial Services.
 • Financial Market Regulation.
 • Financial Institutions and Money Market.
 • Bank Organizational Structure.
 • Bank Risks.
 • Analysing Bank Performance.
 • Asset and Liability Management.
 • Money Emission.
 • Off-Balance-Sheet Activities.
 • Payment and Settlement.
 • Factoring, Forfaiting, Leasing.

Recommended literature:
 KOCH, T.W., MACDONALD, S. S.: Bank Management. South-Western College Pub, 8th Edition. ISBN: 978-1133494683.
 MISHKIN, S. F.: The Economics of Money, Banking and Financial Markets. PEARSON, 11th Edition. ISBN: 978-1-292-09418-2.
 DVOŘÁK, P.: Bankovnictví pro bankéře a klienty. LINDE, Praha, 2005. ISBN: 80-7201-515-X.
 Journals: BIATEC (published by NBS in Bratislava); Bankovnictví (published by ECONOMIA in Prague).

Laws, Measures, Regulations.
www.nbs.sk

Languages necessary to complete the course:
Slovak, English

Notes:

Past grade distribution
Total number of evaluated students: 156

A	B	C	D	E	FX
7,69	10,9	17,31	28,85	33,33	1,92

Lecturers: prof. Ing. Mgr. Renáta Pitoňáková, PhD.

Last change: 17.07.2018

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

STATE EXAM DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	
Course ID: FSEV.ÚE/1-AE-SS3/18	**Course title:** Defence of Bachelor Final Thesis
Number of credits: 6	
Recommended semester: 5., 6..	
Educational level: I.	
State exam syllabus:	
Last change: 18.07.2018	
Approved by: doc. Ing. Vladimír Mlynarovič, CSc.	

COURSE DESCRIPTION

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: FSEV.ÚE/1-AE-320/14	Course title: Dynamic Programming

Educational activities:
  Type of activities: lecture / practicals
  Number of hours:
    per week: 2 / 2 per level/semester: 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 5.

Educational level: I.

Prerequisites: FSEV.ÚE/1-AE-010/14 - Mathematics 1 FSEV.ÚE/1-AE-030/14 - Mathematics 2

Course requirements:
Two mid term tests for to 30 points during the semester and a final exam for of 40 points. Credits will not be given to a student who has earned less than 20 points from two written tests during the semester. The evaluation scale is as follows:
A B C D E Fx
91-100 81-90 73-80 66-72 60-65 <59

Learning outcomes:
After successful completion of the course, the student will be able to formulate and solve multi-step economic decision-making problems (especially in the area of distribution of resources between the centers of organization, production, investment, innovation and advertising activity of monopoly and optimization of the supply process in conditions of non-stationary deterministic demand on inputs) programming with the final time horizon.

Class syllabus:
1. Basic concepts of dynamic programming. Dynamic Programming for Finite-Horizon Optimal Control of Discrete-Time Systems
2. Bellman's principle of optimality.
3. Selected applications of discrete dynamic programming with a finite horizon: optimal resource allocation task, knapsack problem, optimal capacity allocation.
4. Deterministic dynamic programming in analysys of monopoly.
5. Model for a Non-Stationary Demand Process
5.1. Wagner's Whitin algorithm.
5.2. Heuristic task for periods selection for finite -time
5.3 Algorithm for tasks with an infinite time horizon, discounted future costs, and the end-of-life cycle of demand.

Recommended literature:
Laščiak, Adam a kolektív: Dynamické modely. Bratislava, Alfa 1985, kapitola 1.
Muckstadt, John A. - Sapra, Amar: Principlesoofinventorymanagement. Whenyou are down to four, order more. New York, Springer 2010, kapitola 4.
Horniaček, Milan: "AnAlgorithmforInfiniteHorizonLotSizingwithDeterministicDemand,"
Applied Mathematics, Vol. 5 No. 2, 2014, pp. 217-225. doi: 10.4236/am.2014.52023.

Languages necessary to complete the course:
Slovak language and English language

Notes:

Past grade distribution
Total number of evaluated students: 155

A	B	C	D	E	FX
13,55	22,58	25,81	17,42	18,71	1,94

Lecturers: doc. Ing. Karol Szomolányi, PhD., Ing. Miroslava Jánošová, PhD.

Last change: 18.07.2018

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-120/14	**Course title:** Econometrics

Educational activities:
  Type of activities: lecture / practicals
  Number of hours:
   per week: 4 / 2 **per level/semester:** 56 / 28
  Form of the course: on-site learning

Number of credits: 9

Recommended semester: 4.

Educational level: I.

Prerequisites:

Course requirements:
 midterm exam for 20 points
 semestral project for 30 points
 final exam for 50 points
 hodnotenie A B C D E Fx
 body 91-100 81-90 73-80 66-72 60-65 <59

Learning outcomes:
 Student gains knowledge about econometric modeling, testing and application of econometric models. The student is able to build, test and prognostically use a multiple variable linear model.

Class syllabus:
 1. The econometric model, 2. The simple linear regression model, 3. The multiple regression model, 4. The interval estimation and hypotheses testing, 5. The specification of the linear model, 6. The regression diagnostic: heteroscedasticity, autocorrelation, model specification errors, multicollinearity, 7. The prognostic application.

Recommended literature:
 Hatrák, M. (2007) Ekonometria. IURA Edition, Bratislava
 Hill, R.C., Griffithss, W.E. and Judge, G.G. (2001) Undergraduate Econometrics. Wiley.
 Hill, R.C., Griffiths, W.E. and Lim, G.C. (2008) Principles of Econometrics. Wiley.
 Lukáčik, M. Lukáčiková, A., Szomolányi, K. (2011) Ekonometrické modelovanie v programoch Eviews a Gretl.Vydavateľstvo EKONÓM.

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 161

A	B	C	D	E	FX
10,56	16,15	18,63	21,74	21,12	11,8

Lecturers: Ing. Veronika Miťková, PhD.

Last change: 17.07.2018
Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

STATE EXAM DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	
Course ID: FSEV.ÚE/1-AE-SS1/18	**Course title:** Economic Theory
Number of credits: 6	
Recommended semester: 5., 6..	
Educational level: I.	
State exam syllabus:	
Last change: 18.07.2018	
Approved by: doc. Ing. Vladimír Mlynarovič, CSc.	

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚEŠMV/1-UES-130/10	**Course title:** European Political Cultures

Educational activities:
 Type of activities: lecture / seminar
 Number of hours:
  per week: 2 / 2 **per level/semester:** 28 / 28
 Form of the course: on-site learning

Number of credits: 6

Recommended semester: 3.

Educational level: I.

Prerequisites:

Course requirements:
Scale of assessment (preliminary/final): Class participation and activity 20%; written annotations 30%, written test 30% presentation 20%; Evaluation scale:A 100 – 91B 90 – 81C 80 – 73 D 72 – 66 E 65 – 60 FX – 59 and less

Learning outcomes:
The aim of the course is to introduce the students to basic concepts of comparative political culture studies and to some developments in democratisation theory. The purpose of the course is to answer the question of how to study and understand contemporary European political cultures, especially after the end of cold war and after the enlargements of the EU .

Class syllabus:
1. Democracy and Democratization. 2.Conceptualization of Political Culture Research. 3. Political Culture and Political Regime. 4. Forms and Channels of Political Socialization. 5. Political Leadership. Populism in Politics and Society. 6. Political Symbolism, Myths and Rituals. 7. Political Culture in Post-Communist Europe. 8. Pluralistic Europe, multiculturalism, diversity in the EU. 9. Political Culture and National Identity. 10. Case studies.

Recommended literature:
Lord, Ch.: ´Contested Meanings, Democracy Assessment and the European Union´ in:
Comparative European Politics, Vol. 5, Nu.1, April 2007, pp. 70-87;
Miháliková, S.: The Making of the Capital of Slovakia. In: International Review of Sociology. Routledge, Vol.16, No. 2, July 2006, pp. 309-327; Klingemann, H-D., Fuchs, D., Zielonka, J. (eds.) (2006) Democracy and Political Culture in Eastern Europe. London: Routledge; Almond,G., Verba,S. (1989): The Civic Culture. Political Attitudes and Democracy in Five Nations, London: Sage.

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 706

A	B	C	D	E	FX
27,76	22,66	19,41	16,43	10,06	3,68

Lecturers: doc. PhDr. Oľga Gyárfášová, PhD.

Last change: 30.04.2019

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-240/14	**Course title:** Financial Engineering

Educational activities:
  Type of activities: lecture / practicals
  Number of hours:
   per week: 2 / 2 **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 4.

Educational level: I.

Prerequisites:

Course requirements:

Learning outcomes:
 To present basic knowledge about structure, functions, institutions, instruments and management of financial markets. The subject is oriented to explain problem concerning of investment environment properties. It explains behavior of investment markets and basics of investment and its strategy

Class syllabus:
1. Equities analysis (fundamental analysis, intrinsic value af a share, technical analysis, psychological analysis, and theories of efective markets). Bonds analysis (short term and long term instruments. Derivatives of securities (forwards, futures, options, swaps and combined instruments). 4. Instruments of collective investments {investment and mutual funds, pension funds

Recommended literature:
 P. Jorion: Value at Risk. McGraw-Hill, New York, 1997
 Mlynarovič V.: Finančné modelovanie. ES EU Bratislava, 1995
 Mlynarovič, V.: Finančné investovanie. Teória a aplikácie. IURA Edition, 2001

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 143

A	B	C	D	E	FX
11,89	13,29	27,97	18,88	24,48	3,5

Lecturers: doc. Ing. Vladimír Mlynarovič, CSc.

Last change: 18.07.2018

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-340/14	**Course title:** Financing of Business Activities

Educational activities:
  Type of activities: lecture / seminar
  Number of hours:
   per week: 2 / 2 **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 4.

Educational level: I.

Prerequisites:

Course requirements:

Learning outcomes:

Class syllabus:

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 136

A	B	C	D	E	FX
10,29	27,94	44,12	13,24	4,41	0,0

Lecturers: doc. RNDr. Eduard Hozlár, CSc.

Last change: 05.09.2016

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/FSEV.ÚE/1- AE-17/15	**Course title:** Information System of Organizations

Educational activities:
  Type of activities: lecture / practicals
  Number of hours:
   per week: 2 / 2 **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements:

Learning outcomes:

Class syllabus:

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 97

A	B	C	D	E	FX
17,53	12,37	18,56	19,59	18,56	13,4

Lecturers: Ing. Zuzana Dubajová, CSc.

Last change: 02.06.2015

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-220/14	**Course title:** International Economics

Educational activities:
 Type of activities: lecture / seminar
 Number of hours:
  per week: 2 / 2 **per level/semester:** 28 / 28
 Form of the course: on-site learning

Number of credits: 6

Recommended semester: 6.

Educational level: I.

Prerequisites:

Course requirements:
 midterm exam for 20 points
 semestral project for 30 points
 final exam for 50 points
 hodnotenie A B C D E Fx
 body 91-100 81-90 73-80 66-72 60-65 <59

Learning outcomes:
The student will learn terminology related to international trade and international finance. It gains the skills needed to construct and work with different types of international trade patterns. Understand the balance of payments principles, exchange rates and interest rates and their relationships.

Class syllabus:
1. Labor productivity and comparative advantage: The Ricardian model. 2. Specific factors model and income distribution. 3. Resources, comparative advantage, and income distribution: Heckscher-Ohlin model. 4. The standard trade model. 5. Economies of scale, imperfect competition, and international trade. 6. The Instruments of trade policy. 7. The political economy of trade policy. 8. National system accounting and the balance of payments. 9. Exchange rates and the foreign Exchange approach. 10. Money, interest rates and Exchange rates. 11. Price levels and the Exchange rates in the long run.

Recommended literature:
 Krugman, R. Paul and Obstfeld, Maurice: International Economics. Theory and Policy.
 Addison Wesley, any edition
 S. Husted, M. Melvin: International Economics. Pearson Education, any edition

Languages necessary to complete the course:

Notes:

Past grade distribution					
Total number of evaluated students: 169					
A	B	C	D	E	FX
13,61	13,02	20,12	20,71	24,26	8,28

Lecturers: Ing. Veronika Miťková, PhD.

Last change: 17.07.2018

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences

Course ID: FSEV.ÚE/1-AE-020/14	**Course title:** Introduction to Economics

Educational activities:
  Type of activities: lecture / seminar
  Number of hours:
    per week: 2 / 2 **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
two midterm exams, each of 20 points
final test for 60 points
hodnotenie A B C D E Fx
body 91-100 81-90 73-80 66-72 60-65 <59

Learning outcomes:
The student acquires a basic overview of knowledge in macroeconomics and microeconomics, she/ he controls the conceptual apparatus of economic theory. She/he is able to analytically think and use the acquired knowledge to solve problems and situations close to the real world.

Class syllabus:
1. Modern Economics, 2. Economic Thought, 3. Demand, Supply and Prices, 4. Use of Demand and Supply, 5. Consumer Decision Making, 6. The Firms Costs, 7. Firm in Competitive Market, 8. Labor Market, 9. Capital market, 10. Efficiency of competitive markets, 11. Introduction to imperfect markets, 12. Measurement of output and unemployment, 13. Life costs and inflation, 14. Model of full employment

Recommended literature:
Stiglitz, J.E. and Walsh C. E. (2006) Economics, W.W. Norton
P.A. Samuelson, W.D. Nordhaus (2004) Ekonómia, Bradlo, Bratislava or any edition Slovak or English

Languages necessary to complete the course:
Slovak and English language

Notes:

Past grade distribution
Total number of evaluated students: 359

A	B	C	D	E	FX
8,36	8,36	14,76	16,16	20,89	31,48

Lecturers: Ing. Veronika Miťková, PhD.

Last change: 17.07.2018
Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: FSEV.ÚEŠMV/1-UES-060/10	Course title: Introduction to European Integration

Educational activities:
  Type of activities: lecture / seminar
  Number of hours:
    per week: 2 / 2 **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements: Attendance and Class participation: 10%; Analytical Paper: 30%; Final exam 60%

Learning outcomes: The course is intended as an introduction to the European Union in the English language. It will focus on basic ideas, concepts and politics of the EU. The aim of the course is to make the European Union more understandable, not only as an economic organization, but as a po-litical union as well.

Class syllabus: 1. Introduction to the course: What is the European Union?; 2. Theories of European Union, Theories of European integration in the context of international relations theory; McCormick, ch.1; 3. The Idea of Europe, What is Europe as a concept? Where is it? How may it be de-scribed, identified? McCormick, ch.2.; 4. The Evolution of the European Union, What is the history of the EU? How did the EU begin? How did it progress? McCormick, ch.3., presenta-tions and lectures; 5. The Institutions of the European Union, What are the main institutions of the EU? What are their functions and roles? Which institutions are the most influential or powerful and in what ways and why? McCormick, ch.4. presentations and lectures; 6.The EU and the Member States, What are the member states of the EU. Which among them are the most influential in terms of shaping policy in Brussels? Where do they derive their power? McCormick, ch.5., see presentations on enlargements; 7.The EU and its Citizens, Who are the citizens of the EU? What is their influence over EU policies? What are their feelings about the EU and why? McCormick, ch.6.; 8.Economic Policy, What are the economic policies of the EU and how are they formulated? Are the member states, interest groups an citizens gen-erally satisfied with these policies? What is their future direction? McCormick, ch.7.; 9. The EU and the World, How does the EU relate to the rest of the world? Who speaks for the EU when it negotiates on the world scene? What are the areas of authority over which the EU may represent the member states in foreign affairs? How is the EU's international relations policy developing? McCormick, ch.9., see also presentation and lecture

Recommended literature: -Bache, Ian, George, Stephen. Politics in the European Union. Oxford: Oxford Univer-sity Press, 2001. -Cini, Michelle. European Union Politics. Oxford: Oxford University Press, 2003. -European Union. http://europa.eu.int

-Greenwood, Justin. Interest Representation in the European Union.
Basingstoke: Palgrave Macmillan, 2003.
-McCormick, John. Understanding the European Union. Palgrave Global
Publishing, 2005.
-McCormick, John. Poznávame Európsku úniu. Pezinok: CEŠ/Format 2000.
-Nelsen, Brent. Stubb, Alexander (eds.). The European Union: Readings on the Theory and
Practice of European Integration. Boulder: Lynne Rienner Publishers Inc. 2003
-Pinder, John. The European Union, A Very Short Introduction. Oxford:
Oxford University Press, 2001.
-Sbragia, Alberta, M. (Ed.) Euro-Politics. Washington D.C.: The Brookings
Institution, 1992.

Languages necessary to complete the course:

Notes:

Past grade distribution
Total number of evaluated students: 854

A	B	C	D	E	FX
21,43	26,0	31,03	11,59	6,09	3,86

Lecturers: PhDr. David Reichardt, PhD.

Last change: 30.05.2016

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚEŠMV/1-UES-650/15	**Course title:** Introduction to Political Science

Educational activities:
 Type of activities: lecture / seminar
 Number of hours:
  per week: 2 / 2 **per level/semester:** 28 / 28
 Form of the course: on-site learning

Number of credits: 6

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
 During the semester, the preparation of a "commentary" will be evaluated at the seminars according to a pre-arranged topics. This is an oral presentation once a semester of 3-5 minutes (max. 10 points). The activity on seminars is also evaluated - answers to questions, discussion about compulsory reading and preparation of seminar assignment (max. 18 points). During the semester work on the required literature provided in the syllabus of the subject and submit it to one of the lecturers before each session (max. 13.5 points). Each student has to submit a book analysis (2500 - 4000 characters) to a pre-selected book title (18.5 points) by the end of the semester. At the end of the semester, respectively during the exam period there will be the final test (40 points) as part of the course.

Learning outcomes:
 The course will provide students with upgraded knowledge on the subject of political science in theoretical and practical part; knowledge of political theory, political system and the relationship of the individual components in it.

Class syllabus:
 Political science as such; Ideologies; Political Parties, movements and elections; Governments and regimes; Nation and nationalism; Civil society and Interests groups; Economy and system of internation relations

Recommended literature:
 Aron, Raymond (1993). Demokracie a totalitarismus; Bibó, István (1996).
 Biedavýchodoeurópskych malých štátov; Dahl, Robert A. (2001). O demokracii: průvodce
 pro občany.; Cabada, Ladislav; Kubát, Michal a kol. (2007). Úvod do studia politické vědy;
 Heywood, Andrew (2008). Politické ideologie; Říchová, Blanka (2000). Přehled moderních
 politologických teorií, Sartori, Giovanni (2005). Strany a stranické systémy: schéma pro analýzu

Languages necessary to complete the course:

Notes:
 Extended and more concrete infromation on the subject is part of the Syllabus presented at the first lesson of the subject. Further on it is distributed through students emails.

Past grade distribution					
Total number of evaluated students: 373					
A	B	C	D	E	FX
0,8	9,12	20,91	20,11	26,27	22,79

Lecturers: Mgr. Andrea Figulová, PhD., Mgr. Michaela Dénešová

Last change: 26.04.2019

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚSA/1-USA-430/13	**Course title:** Introduction to Social Science Methods

Educational activities:
  Type of activities: lecture / seminar
  Number of hours:
    per week: 2 / 2   **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:

Learning outcomes:

Class syllabus:

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
Total number of evaluated students: 429

A	B	C	D	E	FX
5,13	9,79	13,99	19,81	16,78	34,5

Lecturers: Mgr. Danijela Jerotijevič, PhD.

Last change: 30.04.2019

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	
Course ID: FSEV.ÚAP/1-UAP-590/16	**Course title:** Introduction to Sociology

Educational activities:
 Type of activities: lecture / seminar
 Number of hours:
  per week: 2 / 2 **per level/semester:** 28 / 28
 Form of the course: on-site learning

Number of credits: 6

Recommended semester: 3.

Educational level: I.

Prerequisites:

Course requirements:
An obligation to pass a seminar paper and pass a written test - both pillars for the complete evaluations are evaluated separately in the range from A to E. Failure in one of the evaluation means not passing of the subject. The resulting rating is the average of the sum of both scores.

Learning outcomes:
The student should get a basic overview of how society reflection evolved in the individual historical periods of human society and an overview of the development of sociology as a social science discipline.

Class syllabus:
1. Pre-history of social and sociological thinking
2. What is sociology
3. How is sociology being realised
4. Macro and micro-sociological approaches in sociology
5. Cultural Context
6. Social structure
7. Social stratification
8. Gender, race, minority – inequalities
9. Marriage and family
10. Modernisation, technologies and social change
11. Urbanisation and urban development

Recommended literature:
odporúčaná literatúra sa viaže na jednotlivé prednášané témy a je súčasťou prednášok:
Howard Becker i Harry Elmer Barnes: Rozwój myśli społecznej od wiedzy ludowej do socjologii I, II, Książka i Wiedza, Warszawa 1964, 1965
Władysław Tatarkiewicz: Historia filozofii 2, PWN, Warszawa 1968,
Jerzy Szacki: Historia myśli socjologicznej, Część pierwsza, PWN, Warszawa 1981
Beth B. Hess, Elizabeth W. Markson, Peter J. Stein: Sociology, Allyn and Bacon, Boston, London, Toronto, Sydney, Tokyo, Singapore 1996,
John E. Fraley: Sociology, Prentice Hall, Englewood Cliffs, New Jersey 1994,
Petrusek Milan a kol.: Dějiny sociológie, Grada, Praha 2011,

Jan Węgleński: Urbanizacja. Kontrowersje wokół pojęcia, PWN, Warszawa 1983,
Jiří Musil: Sociologie soudobého města, Svoboda, Praha 1967
J. Pašiak: Sídelný vývoj, VEDA, Bratislava 1990
P. Gajdoš: Človek, Spoločnosť, Prostredie. Priestorová sociológia, Sociologický ústav SAV, Bratislava 2002

Languages necessary to complete the course:

Notes:

Past grade distribution
Total number of evaluated students: 118

A	B	C	D	E	FX
72,03	24,58	1,69	0,85	0,0	0,85

Lecturers: Mgr. Katarína Čavojská, PhD.

Last change: 18.02.2019

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-040/17/17	**Course title:** Introduction to mathematical economics

Educational activities:
  Type of activities: lecture + seminar / practicals
  Number of hours:
   per week: 2 / 2 **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
Two mid term exams worth 20% of the final grade respectively and the final exam worth 60% of the final grade. The evaluation scale is as follows: A 100 – 91; B 90 – 81; C 80 – 73; D 72 – 66; E 65 – 60; FX less then 60.

Learning outcomes:
After successful completion of the course, the participant will be able to formulate and solve economic decision-making problems by standard tools of mathematics. Due to economics is a quantitative discipline in many regards, student can build on the knowledge gained in this course in later studies of applied economics (e.g. Microeconomics, Macroeconomics, Operational Research, Economic Growth, Investment Project).

Class syllabus:
1. Variables, sets and functions and their economic interpretation.
2. Application of logarithmic and exponential functions in economics.
3. Rates of change and the derivative.
4. Static equilibrium models, economic dynamics and nonlinear models.
5. Introduction to financial mathematics.
6. Matrices and their application in economics.

Recommended literature:
Hoy, Michael - Livernois, John - McKenna, Chris – Rees, Ray and Stengos, Thanasis.:
Mathematics for Economics, Third Edition. MIT Press 2011.
Vali, Shapoor.: Principles of Mathematical Economics. Springer 2014.
Bauer, Luboš - Lipovská, Hana – Mikulík, Miloslav a Mikulík, Vít.: Matematika v ekonomii a ekonomice. Grada 2015.
Moučka, Jiří a Rádl, Petr.: Matematika pro studenty ekonomie. 2. upravené a doplněné vydání. Grada 2015.

Languages necessary to complete the course:
Slovak and English

Notes:

| **Past grade distribution** | | | | | |
| Total number of evaluated students: 61 | | | | | |
A	B	C	D	E	FX
3,28	6,56	8,2	6,56	27,87	47,54

Lecturers: Ing. Tomáš Domonkos, PhD.

Last change: 18.07.2018

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-110/14	**Course title:** Macroeconomics

Educational activities:
 Type of activities: lecture / practicals
 Number of hours:
  per week: 4 / 2 **per level/semester:** 56 / 28
 Form of the course: on-site learning

Number of credits: 9

Recommended semester: 4.

Educational level: I.

Prerequisites: FSEV.ÚE/1-AE-010/14 - Mathematics 1 and FSEV.ÚE/1-AE-030/14 - Mathematics 2

Course requirements:

Learning outcomes:
 To teach students basics of modern macroeconomics, to model and analyze behavior of national economy and to solve corresponding decision problems with adequate methods and tools

Class syllabus:
 1. Macroeconomics theory development.2. Basic concepts and mathods of macroeconomics.
 3. Growth models. 4. Business cycles. 5. Traditional keynesian theories of economic fluctuations.
 6. Modern theories of short term fluctuations. 7. Inflation. 8. Unemployment.
 9. Dynamic theory of macroeconomy policy. Computable model of general macroeconomy equllibrium.

Recommended literature:
 Felderer, B. – Homburg, S.: Makroekonomika a nová makroekonomika. Elita, Bratislava 1995
 Mlynarovič, V – V. Miťková.: Makroekonomická analýza, IURA Edition, Bratislava, 2010
 Pentecost, E., J.: Macroeconomics, MacMillan Press, Ltd., London, 2000

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 138

A	B	C	D	E	FX
11,59	15,94	36,96	12,32	18,84	4,35

Lecturers: doc. Ing. Vladimír Mlynarovič, CSc., Ing. Tomáš Domonkos, PhD.

Last change: 18.07.2018

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-010/14	**Course title:** Mathematics 1

Educational activities:
  Type of activities: lecture / practicals
  Number of hours:
   per week: 2 / 2 **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 1.

Educational level: I.

Prerequisites:

Course requirements:
two written tests during the semester by 30 points
final test for 40 points

Learning outcomes:
Student acquires basic knowledge and computational habits for real functions of one real variable, he / she controls the basic conceptual apparatus for limits, differential and integral number as well as numerical advice and functions.
Editing, deduction, and analysis of functional relationships provide prerequisites for mastering mathematical modeling of economic phenomena and processes in the next study.

Class syllabus:
1. Basics of logical construction of mathematics, 2. Sequences, 3. Function of real variable, 4. Limit and continuity of function, 5. Differential number of functions of one variable, 6. Higher order derivations, 7. Integral number of functions of one variable, 8. Certain integral , 9. Infinite numerical and functional advice

Recommended literature:
Fecenko, - J. Pinda, Ľ.: Matematika 1, IURA EDITION, Bratislava, 2006.
Horáková, G. – Starečková, A.: Zbierka úloh z matematiky 1, Vydavateľstvo EKONÓM, Bratislava, 2006

Languages necessary to complete the course:

Notes:

Past grade distribution
Total number of evaluated students: 589

A	B	C	D	E	FX
7,13	10,36	13,58	20,03	32,94	15,96

Lecturers: doc. RNDr. Eduard Hozlár, CSc.

Last change: 18.07.2018

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-030/14	**Course title:** Mathematics 2

Educational activities:
  Type of activities: lecture / practicals
  Number of hours:
    per week: 2 / 2 **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements:
two written tests during the semester by 30 points
final test for 40 points

Learning outcomes:
: Student acquires basic knowledge and computational abilities of higher mathematics for real functions of multiple variables, he / she controls the basic conceptual apparatus for differential number and its applications. The student will learn to use the linear algebra and matrix calculus. Solving specific tasks provides prerequisites for mastering mathematical modeling of economic phenomena and processes in the next study.

Class syllabus:
1. The function of more real variables, 2. Differential number of functions of n real variables, 3. Extreme functions of n real variables, 4. Vectors, 5. Linear space and its base, 6. Matrix, 7. Inverse matrices and determinants, 8. Systems linear equations and equals, 9. Methods of solving the system of linear equations

Recommended literature:
1. Jozef Fecenko, Katarína Sakálová: Matematika 2, IURA EDITION, 2004
2. Elena Mojžišová, Katarína Sakálová, Zsolt Simonka: Matematika 2, Zbierka úloh, Vydavateľstvo Ekonóm, 2006

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 466

A	B	C	D	E	FX
13,95	14,59	16,31	15,88	32,83	6,44

Lecturers: doc. RNDr. Eduard Hozlár, CSc.

Last change: 18.07.2018

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	
Course ID: FSEV.ÚE/1-AE-060/14	**Course title:** Microeconomics

Educational activities:
 Type of activities: lecture / practicals
 Number of hours:
  per week: 4 / 2 per level/semester: 56 / 28
 Form of the course: on-site learning

Number of credits: 9

Recommended semester: 3.

Educational level: I.

Prerequisites: (FSEV.ÚE/1-AE-010/14 - Mathematics 1 or FSEV.ÚE/1-AE-030/14 - Mathematics 2)

Course requirements:
Two mid term tests for to 30 points during the semester and a final exam for of 40 points. Credits will not be given to a student who has earned less than 20 points from two written tests during the semester.
The evaluation scale is as follows:
A B C D E Fx
91-100 81-90 73-80 66-72 60-65 <59

Learning outcomes:
The course is intended as an introduction to Microeconomic Analysis. It will focus on basic ideas, microeconomic concepts as elasticity of demand and supply
production function, characteristics difference beetwen Perfect Competition and imperfect Competition.

Class syllabus:
Stručná osnova predmetu:
1. Theoretical and methodological microeconomics bases
2. Elasticity of demand and supply
3. Theory of demand. Consumer's equilibrium with utility analysis
4. Modeling the production process. Production function.
5. Characteristics of a Perfect Competition. Equilibrium in the company in conditions of perfect competition.
6. Perfectly competitive market cquilibrium.
7. Monopol.
8. Oligopolies – Cournot model Oligopoly, Bertrand model and Stackelberg model

Recommended literature:
Varian, Hal R.: MicroeconomicAnalysis. New York, W.W. Norton&Company 1992.
Fendek, Michal: Kvantitatívna mikroekonómia. Bratislava, IURA Edition

Languages necessary to complete the course:
Slovak language and English language

Notes:					
Past grade distribution Total number of evaluated students: 168					
A	B	C	D	E	FX
5,95	20,83	17,86	15,48	25,0	14,88
Lecturers: Ing. Miroslava Jánošová, PhD., Ing. Tomáš Domonkos, PhD.					
Last change: 18.07.2018					
Approved by: doc. Ing. Vladimír Mlynarovič, CSc.					

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	
Course ID: FSEV.ÚE/1-AE-140/14	**Course title:** Models of Competition and Cooperation

Educational activities:
  Type of activities: lecture + seminar / lecture
  Number of hours:
   per week: 2 / 2 **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements:
Two mid term tests for to 25 points during the semester and a final exam for of 50 points. Credits will not be given to a student who has earned less than 20 points from two written tests during the semester.
The evaluation scale is as follows:
A B C D E Fx
91-100 81-90 73-80 66-72 60-65 <59

Learning outcomes:
After successful completion of the course the student will be able to formulate the role of decision-making situations of economic subjects with different possibilities of cooperation as non-cooperation games in strategic or extended form or as coalition games and found equilibrium in these games. To provide a basis for successful studies of other economic disciplines in which strategic business behavior analysis (eg Branch organization, spatial economy, environmental economy) plays a fundamental role.

Class syllabus:
1. Decision making models (basic terms)
2. Non-cooperative games (two-player final games, non-cooperative games in strategic form with dominant strategies)
3. Nash's equilibrium in a non-cooperative game in strategic form (in pure and mixed strategies, Shapley and Snow's method of matrix games, optimal strategies)
4. Bimatrix games (typical conflicts of bimatrix games)
5. Cooperative game of two players (the core of the game)
6. Infinitely repeated prison dilemma (selected strategy "Grim Trigger")
7. Extended game (Centipede, Russian Roulette, NIM)
8. Cooperative games more palyers (Shapley's Value, Shapley-Shubik Index, Banzhaf's Power Index)
9. Traditional models of imperfect competition and perfect competition (Cournot model)
10. Stackelberg's oligopoly model, Bertrand's oligopoly model, Cartel

Recommended literature:
Chobot , M.,Turnovec, F.,Ulašín, V. 1996, Teória hier a rozhodovania. Alfa. Bratislava. 1996

Maňas, M.: Teorie her a její aplikace, SNTL, Praha 1991
Dlouhy, M., Fiala, P. Úvod do teorie her. Praha : Oeconomica, 2007. 114 s. ISBN 978-80-245-1273-0.
Osborne, Martin J. – Rubinstein, Ariel: A Course in Game Theory.Cambridge, MA, MIT Press 1995.

Languages necessary to complete the course:
Slovak language and English language

Notes:

Past grade distribution
Total number of evaluated students: 177

A	B	C	D	E	FX
4,52	10,73	19,21	25,99	27,12	12,43

Lecturers: Ing. Miroslava Jánošová, PhD.

Last change: 18.07.2018

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-080/14	**Course title:** Operations Research

Educational activities:
  Type of activities: lecture / practicals
  Number of hours:
   per week: 4 / 2 **per level/semester:** 56 / 28
  Form of the course: on-site learning

Number of credits: 9

Recommended semester: 3.

Educational level: I.

Prerequisites: FSEV.ÚE/1-AE-010/14 - Mathematics 1 or FSEV.ÚE/1-AE-030/14 - Mathematics 2

Course requirements:

Learning outcomes:
To cover and explain the substantial methodological tools of the OR and their economic applications, to understand the optimization problems for frequent economic and technological situations. To understand and to be able to solve such problems under the Microsoft Office, to understand the concepts and use of the suboptimal and alternative solutions. To understand the input-output models.

Class syllabus:
1. Operations Research - its methodological foundations and tools. 2. Linear programming problems, formulations and economic interpretations. 3. The simplex method in tabular form. 4. The essence of duality theory with economic and technological applications. 4. Post-optimality analysis and parametric programming. 5. Transportation and assignment problems. 6. The maximum flow problem and critical path method. 7. Introduction to nonlinear programming. 8. Input-output analysis. 9. Multi-criteria optimization and evaluation

Recommended literature:
Laščiak, A. a kol.: Optimálne programovanie. Alfa, Bratislava 1983
Ivaničová, Z., Brezina, I., Pekár, J.: Operačný výskum. IURA Edition, Bratislava, 2002
Mlynarovič, V.: Modely a metódy viackriteriálneho rozhodovania, Bratislava, Ekonóm, 1998

Languages necessary to complete the course:
Slovak

Notes:

Past grade distribution
Total number of evaluated students: 165

A	B	C	D	E	FX
3,64	7,88	18,79	23,64	30,91	15,15

Lecturers: doc. Ing. Vladimír Mlynarovič, CSc.

Last change: 18.07.2018
Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/FSEV.ÚE/1-AE-18/15	**Course title:** Practical Exercises in Economic Theory

Educational activities:
 Type of activities: lecture / seminar
 Number of hours:
  per week: 2 / 2 **per level/semester:** 28 / 28
 Form of the course: on-site learning

Number of credits: 6

Recommended semester: 2.

Educational level: I.

Prerequisites:

Course requirements:
 online tests during the semester, sum of 90 points
 project of 10 points
 final test, minimal requirement to gain the online tests points is 60% points of the final test
 hodnotenie A B C D E Fx
 body 91-100 81-90 73-80 66-72 60-65 <59

Learning outcomes:
The student acquires an expanding knowledge from the basics of economics, since the subject directly follows the subject Introduction to Economics. She/he is able to formulate and practically solve numerical problems of selected microeconomic and macroeconomic areas.

Class syllabus:
1. Interpretation of graphs, 2. The demand curve, 3. The consumption utility concept, 4. Indifference curves and consumer decision. Income and substitution effect, 5. The cost analysis in the perfect market, 6. Indifference curves and decision making in the labor market, 7. Indifference curves and decision making on the capital market, 8. Cost analysis in the imperfect market, 9. Incomplete information, 10. Measuring unemployment and inflation,

Recommended literature:
Stiglitz, J.E. and Walsh C. E. (2006) Economics, W.W. Norton
P.A. Samuelson, W.D. Nordhaus (2004) Ekonómia, Bradlo, Bratislava or any edition Slovak or English

Languages necessary to complete the course:
Slovak and English language

Notes:

Past grade distribution
Total number of evaluated students: 73

A	B	C	D	E	FX
20,55	35,62	17,81	15,07	8,22	2,74

Lecturers: Ing. Veronika Miťková, PhD.
Last change: 18.07.2018
Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-221/ZS/16	**Course title:** Practice

Educational activities:
  Type of activities: seminar
  Number of hours:
    per week: 4 **per level/semester:** 56
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 3.

Educational level: I.

Prerequisites:

Course requirements:
Institutions having a partnership agreement with FSES about providing practice for students are allowed to be visited by the students of FSES. According to the terms and conditions of the contract, students will seek to identify issues relevant from the field of applied economics. Research issues should be in line with the agenda of the department where the placement takes place. In addition, the student will be involved in administrative tasks and will learn about the issues of the particular department of the receiving institution, according to the plan of the internship. The daily extent of works is set up to four hours. All particular applicants for the internship have to submit a brief application letter, curriculum vitae and recommendation letter from his advisor to the partner institution. Students can submit their applications throughout the academic year in cooperation with their advisor. The main outcome of the internship is a report, in which the student describes the work and specific problems related to the agenda he worked with, which are in particular relevant for the field of applied economics.

Learning outcomes:
After completion of the internship, the responsible person from the partner institution evaluates the student performance during the internship. The assessment will include the duration of the internship, a description of activities the student carried out during the internship (administrative and professional activities), as well as the quality of the work done, responsibility, improvement of knowledge and skills. The assessment is a fundamental source of information for grading the subject at the FSES UK.
It is expected, that after successful completion of this course, the student will be able to prepare economic analysis useful for real life business applications.

Class syllabus:

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution Total number of evaluated students: 67					
A	B	C	D	E	FX
77,61	10,45	10,45	0,0	0,0	1,49

Lecturers: doc. RNDr. Eduard Hozlár, CSc.

Last change: 18.07.2018

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

STATE EXAM DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	
Course ID: FSEV.ÚE/1-AE-SS2/18	**Course title:** Quantitative Methods in Economics
Number of credits: 6	
Recommended semester: 5., 6..	
Educational level: I.	
State exam syllabus:	
Last change: 18.07.2018	
Approved by: doc. Ing. Vladimír Mlynarovič, CSc.	

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/FSEV.ÚE/ UE-210//16	**Course title:** Risk Management

Educational activities:
 Type of activities: lecture / practicals
 Number of hours:
  per week: 2 / 2 **per level/semester:** 28 / 28
 Form of the course: on-site learning

Number of credits: 6

Recommended semester: 4.

Educational level: I.

Prerequisites:

Course requirements:

Learning outcomes:

Class syllabus:

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 41

A	B	C	D	E	FX
12,2	9,76	9,76	17,07	48,78	2,44

Lecturers: Ing. Ľubomír Húska, Ing. Nora Grisáková, PhD.

Last change: 29.04.2019

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-160/14	**Course title:** Seminar to Final Thesis I

Educational activities:
  Type of activities: seminar / practicals
  Number of hours:
   per week: 2 / 2 **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 5.

Educational level: I.

Prerequisites:

Course requirements:

Learning outcomes:

Class syllabus:

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 154

A	B	C	D	E	FX
29,87	27,92	14,94	12,34	13,64	1,3

Lecturers: doc. Ing. Vladimír Mlynarovič, CSc., Ing. Veronika Miťková, PhD., doc. RNDr. Eduard Hozlár, CSc., Ing. Tomáš Domonkos, PhD., prof. Ing. Mgr. Renáta Pitoňáková, PhD., Ing. Miroslava Jánošová, PhD.

Last change: 31.08.2016

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-230/14	**Course title:** Seminar to Final Thesis II

Educational activities:
  Type of activities: seminar / practicals
  Number of hours:
   per week: 2 / 2 **per level/semester:** 28 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 6.

Educational level: I.

Prerequisites:

Course requirements:

Learning outcomes:

Class syllabus:

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 153

A	B	C	D	E	FX
29,41	25,49	18,3	14,38	10,46	1,96

Lecturers: Ing. Tomáš Domonkos, PhD., doc. RNDr. Eduard Hozlár, CSc., Ing. Veronika Miťková, PhD., doc. Ing. Vladimír Mlynarovič, CSc., prof. Ing. Mgr. Renáta Pitoňáková, PhD., Ing. Miroslava Jánošová, PhD.

Last change: 31.08.2016

Approved by: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

University: Comenius University in Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/1-AE-900/14	**Course title:** Statistics

Educational activities:
 Type of activities: lecture / practicals
 Number of hours:
  per week: 2 / 2 **per level/semester:** 28 / 28
 Form of the course: on-site learning

Number of credits: 6

Recommended semester: 3.

Educational level: I.

Prerequisites: FSEV.ÚE/1-AE-010/14 - Mathematics 1 or FSEV.ÚE/1-AE-030/14 - Mathematics 2

Course requirements:
two written tests during the semester by 30 points, the final test for 40 points

Learning outcomes:
To provide students with basic knowledge and tools to understand the important role of statistics in routine empirical analyzes and research and to teach students to use adequate statistical methods and procedures to analyze empirical and theoretical economic problems

Class syllabus:
1. Introduction to descriptive statistics, deterministic and random variables, position and dispersion rates, methods of graphical presentation of statistical data and relations between them, correlation, correlation, moments. 2. Probability, basic concepts, and definitions, random phenomena, dependence of phenomena, conditional probability, random variables, distribution of truth-likeness. 3. Fundamentals of selection theory, estimation of the theoretical moments of distribution of right-sinking. 4. Hypothesis testing, confidence intervals. 5. Linear regression model, parameter estimation, least squares method, model verification, hypothesis testing. 6. Deceased model application, prediction, prediction error, and its statistical measurement.

Recommended literature:
Viera Pacáková a kolektív: Štatistika pre ekonómov, Bratislava, 2003
Viera Pacáková a kolektív: Štatistika pre ekonómov-Zbierka príkladov A, Bratislava, 2005
Aczel Amir D., Sounderpandian J.: Complete Business Statistics, McGraw-Hill, New York 2002

Languages necessary to complete the course:

Notes:

Past grade distribution
Total number of evaluated students: 151

A	B	C	D	E	FX
9,27	9,93	24,5	21,85	29,8	4,64

Lecturers: doc. RNDr. Eduard Hozlár, CSc.

Last change: 18.07.2018
Approved by: doc. Ing. Vladimír Mlynarovič, CSc.