Course descriptions

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COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚSA/2-USA-100/10	**Course title:** Anthropology and Political Economy

Educational activities:
  Type of activities: lecture / seminar
  Number of hours:
    per week: 1 / 2 **per level/semester:** 14 / 28
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 3.

Educational level: II.

Prerequisites:

Course requirements:

Learning outcomes:

Class syllabus:

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 189

A	B	C	D	E	FX
19,05	33,33	16,4	13,23	6,35	11,64

Lecturers: doc. Mgr. M. A. Juraj Buzalka, PhD.

Last change: 29.11.2018

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/2-UE-010/15	**Course title:** Applied Econometrics

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: II.

Prerequisites:

Course requirements:
 Course requirements:
 A semestral project is worth of 30 % and the final exam is worth of 70% 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 than 60.

Learning outcomes:
 Student extends her/his knowledge about modern econometric methods with a special focus on univariate, multivariate, linear and non-linear time series models.

Class syllabus:
 1. Nonlinear modes.
 2. Models with qualitative dependent variables.
 3. Models with discrete
 dependent variables.
 4. System methods of simultaneous models parameters estimation.
 5. Application of the simultaneous models: analysis of the structure, prognostic application, evaluation about the policy makers decisions.
 6. Univariate ARMA time series models and their application
 7. Conditional volatility GARCH models and their application
 8. Multivariate time series models
 9. Unit root tests, Causality, Co-integration
 10 Forecasting and forecast evaluation

Recommended literature:
 Hatrák (2007): Ekonometria.
 Wooldridge (2010): Econometric Analysis of Cross Section and Panel Data.
 Hill, Griffithss and Judge (2001): Undergraduate Econometrics.
 Verbeek (2017): A Guide to Modern Econometrics.
 Ruud (2000): Classical Econometric Theory.

Languages necessary to complete the course:

Slovak and English language

Notes:

Past grade distribution
 Total number of evaluated students: 145

A	B	C	D	E	FX
8,28	13,79	10,34	17,24	21,38	28,97

Lecturers: Ing. Marián Vávra, PhD.

Last change: 13.03.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/UE-130/16/15	**Course title:** Diploma Seminar 1

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: II.

Prerequisites:

Course requirements:

Learning outcomes:

Class syllabus:

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 93

A	B	C	D	E	FX
36,56	25,81	20,43	2,15	11,83	3,23

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

Last change: 13.03.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/UE-170/16/15	**Course title:** Diploma Seminar 2

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: 4.

Educational level: II.

Prerequisites:

Course requirements:

Learning outcomes:

Class syllabus:

Recommended literature:

Languages necessary to complete the course:

Notes:

Past grade distribution
 Total number of evaluated students: 90

A	B	C	D	E	FX
35,56	36,67	13,33	1,11	8,89	4,44

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

Last change: 13.03.2022

Approved by:

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	
Course ID: FSEV.ÚE/FSEV/mgAE/ SP3/15	**Course title:** Diploma Thesis and Defence
Number of credits: 6	
Recommended semester: 3., 4..	
Educational level: II.	
State exam syllabus:	
Last change: 13.03.2022	
Approved by:	

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/2-ÚE-400/21	**Course title:** Economic Models of Politics

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: II.

Prerequisites:

Course requirements:
Analytical paper presented by the student is worth 30% of the final grade, mid-term exam is worth 20% of the final grade and the final exam is worth 50% 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 than 60.

Learning outcomes:
After successful completion of the course, the participant will understand political economy models both in theory and in their empirical applications. Participants will develop an understanding of the many complex ways in which politics interacts with economics, and vice versa.

Class syllabus:
1. Teoretické základy – Teória verejnej voľby, Funkcia spoločenského blahobytu
2. Hlasovacie pravidlá – Lindahlov model
3. Hlasovacie pravidlá – Majoritné hlasovanie, Teoréma mediánového voliča, Multidimenzionálne modely a preferencie rozdelenia
4. Hlasovacie pravidlá – Logrolling, Arrowova teoréma nemožnosti
5. Dizajn verejnej politiky – Pluralitné a proporčné hlasovanie
6. Dizajn verejnej politiky – Modely byrokracie (Niskanen)
7. Dizajn verejnej politiky – Záujmové skupiny (Rent-seeking, Železný trojuholník, Otáčacie dvere, Lobing)
8. Politicko-ekonomický cyklus (PEC)
9. Časová inkonzistencia v makroekonomickej politike (ČI)
10. Aplikácie PEC a ČI v menovej a fiškálnej politike
11. Imigračné preferencie
12. Tvorba politiky a medzigeneračné účtovníctvo
13. Aktuálne otázky tvorby hospodárskych politík

Recommended literature:
· Branko Milanovic, The median-voter hypothesis, income inequality, and income redistribution: an empirical test with the required data, European Journal of Political Economy, 2000, 16, 367-410

· Michal Sedlačko & Katarína Staroňová, Internal ministerial advisory bodies: An attempt to transform governing in the Slovak Republic, Central European Journal of Public Policy, 2018, 7, 28
· Wiliam D. Nordhaus, The Political Business Cycle, The Review of Economic Studies, 1975, 42/2, 169-190
· Finn E. Kydland & Edward C. Prescott, Rules rather than discretion: The inconsistency of optimal plans, Journal of Political Economy, 1977, 85/3, 473-492
· Robert J. Barro & David B.Gordon, A positive theory of monetary policy in a natural rate model, Journal of Political Economy, 1983, 91/4, 589-610
· Alberto Alesina & Roberto Perotti, The political economy of budget deficits, International Monetary Fund Staff Papers, 1995, 42/1, 1-31
· Harvey S. Rosen, Public Finance, 1992, McGraw-Hill/Irwin , Chapter 7,
· Randall G. Holcombe, Advanced Introduction to Public Choice, 2016, Edward Elgar Publishing
· Denis C. Mueller, Public Choice III, 2003, Cambridge University Press

Languages necessary to complete the course:
Slovak, English

Notes:

Past grade distribution
Total number of evaluated students: 8

A	B	C	D	E	FX
25,0	0,0	12,5	0,0	25,0	37,5

Lecturers: Mgr. Mário Hlavač

Last change: 05.04.2022

Approved by:

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	
Course ID: FSEV.ÚE/FSEV/mgrAE/ SP1/15	**Course title:** Economic Theory
Number of credits: 6	
Recommended semester: 3., 4..	
Educational level: II.	
State exam syllabus:	
Last change: 30.06.2022	
Approved by:	

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: FSEV.ÚE/UE-120/16/15	**Course title:** Financial Investing

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: II.

Prerequisites:

Course requirements:

Learning outcomes:
 To present modern knowledge of finantiel investing theory in a formal manner to create assumptions for model approaches applications in solving finantial practice problems. The subject is oriented to explanations of finantial decisuion making problems

Class syllabus:
 1. Principles of finantial evaluations of investment. 2. Outranking of finantial projects on the base of such characteristics as net presebt value, internal rate of return, profit index and others. 3. Methods for outranking of invesstment projects. 4. Portfolio choice and its analysis - Markowitz model. 5. Basic methods of investnent and fianntial palnning. 6. Software products with fiantial functions, optimization methods and outarnking methodsd are being used in solving problems.

Recommended literature:
 BREALY R.A. – MYERS S.C.: Principles of Corporate Finance. New York, McGraw-Hill Inc., 1991
 TEPPER T. – KÁPL M.: Peníze a vy. Prospektrum-Econtax, Praha, 1991
 MLYNAROVIČ V. – HOZLÁR E.: Viackriteriálne rozhodovanie. ES EU Bratislava, 1993
 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: 94

A	B	C	D	E	FX
12,77	13,83	22,34	18,09	31,91	1,06

Lecturers: doc. Ing. Vladimír Mlynarovič, CSc.

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: FSEV.ÚE/UE-390/21	**Course title:** Financial and capital markets

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: II.

Prerequisites:

Course requirements:
Course requirements:
Semester work submitted by the student, whose evaluation is 30% of the final grade, mid term test, which represents 20% of the final grade and 50% of the final grade is the final exam. The evaluation scale is as follows: A 100 – 91; B 90 – 81; C 80 – 73; D 72 – 66; E 65 – 60; FX less than 60.

Learning outcomes:
Learning outcomes:
The student will gain an overview of the functioning of financial and capital markets (FaCM), their laws, position, and role of firms in them, as well as the tools used. It also will gain an overview of the financial ratios of firms used in capital markets, as well as the different levels of risk. They will acquire the ability to distinguish and evaluate the usefulness and suitability of the use of financial instruments for specific objectives. The participant will learn how to compile a firm's cash flow and its practical use. At the same time, the student will get an overview of information technologies in financial markets and ways of their use in firms, as well as the pitfalls of these technologies.

Class syllabus:
Class syllabus:
1. Financial and capital markets - institutions, tools, functioning, position of companies on FaCM
2. Firms as a subject of the capital market - stocks, performance indicators, risks on FaCM, and their economic functioning
3. Price of money - interest, exchange rates, forward prices and risks of money and foreign exchange markets
4. Debt instruments - basic parameters, yield to maturity, creditworthiness, loan comparison
5. Cash flow of the company, financial planning, use
6. Technologies in FaCM and in corporate finance

Recommended literature:
John Calverley – „Pocket Guide to Economics for the Global Investor", American Express Bank
N. Gregory Mankiw – Principles of Economics
S. C. Myers – Teorie a praxe firemních financí, Victoria Publishing

| **Languages necessary to complete the course:** |
| Slovak, English |

| **Notes:** |

Past grade distribution
Total number of evaluated students: 8

A	B	C	D	E	FX
25,0	62,5	12,5	0,0	0,0	0,0

| **Lecturers:** RNDr. Vladimír Kukliš |

| **Last change:** 13.03.2022 |

| **Approved by:** |

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/UE-090/16/15	**Course title:** Game 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: II.

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 analyze strategic situations with non-cooperative games in strategic and extended form. They will be able to modeling the different situations of the interaction decision and using the stochastic elements in decision making. He will be able to calculate the different types of equilibrium in non-cooperative games in strategic and extended form and to know the sufficient conditions for their existence. Enable successful study of economic disciplines in which interactive decision making plays an important role, in particular sectoral organization, strategic international trade theory, and public procurement theories.

Class syllabus:
1. Non-cooperative game in strategic form. A condition for the existence of Nash equilibrium in pure strategies.
2. Existence of Nash equilibrium in mixed strategies in the final non-cooperative game in strategic form and reduction to a Linear Programming Problem
3. Analysis of the game. Strictly dominant and weakly dominant strategies in the game. The prisoner's dilemma, Battle of the sexes, Chicken game, Rock, paper, scissors
4. Non-cooperative Game in extended form. Finding subgame-perfect equilibria.
5. Imperfect and Incomplete Information Games
6. Cooperative game with Challenging the transferable utility assumption.
C-core of the cooperative game with transferable utility assumption.
7. Infinitely repeated non-cooperative games in a strategic form with discounted payments. Repeated Prisoner's Dilemma. Folk theorem.
8. Certainty, risk, and uncertainty in theory game

9. Nash Bargaining Solution
10. Auction Theory

Recommended literature:
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: 116

A	B	C	D	E	FX
8,62	12,07	25,0	18,97	28,45	6,9

Lecturers: Ing. Miroslava Jánošová, PhD.

Last change: 13.03.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/UE-160/16/15	**Course title:** International Macroeconomics

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: II.

Prerequisites:

Course requirements:
Analytical paper presented by the student is worth 30% of the final grade, mid-term exam is worth 20% of the final grade and the final exam is worth 50% 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 understand the functioning and principles of the balance of payments, exchange rates, price levels and the international monetary system.

Class syllabus:
1. National Accounts and Balance of Payments. 2. Exchange rates and the foreign exchange market. 3. Money, interest rates and exchange rates. 4. Price levels and exchange rates in the long run. 5. Output and exchange rates in the short run. 6. Fixed exchange rates and foreign exchange interventions. 7. International Monetary System. 8. Macroeconomic policy and coordination of floating exchange rates. 9. Optimum currency area. 10. Global capital markets.

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

Languages necessary to complete the course:
Slovak

Notes:

Past grade distribution
Total number of evaluated students: 93

A	B	C	D	E	FX
6,45	17,2	25,81	18,28	27,96	4,3

Lecturers: Ing. Tomáš Domonkos, PhD.

Last change: 18.07.2018
Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚEŠMV/2-UES-590/15	**Course title:** International Political Economy

Educational activities:
  Type of activities: lecture + seminar / seminar
  Number of hours:
   per week: 2 / 1 **per level/semester:** 28 / 14
  Form of the course: on-site learning

Number of credits: 6

Recommended semester: 2.

Educational level: II.

Prerequisites:

Course requirements:
To get an A one needs at least 91 points, to get a B one needs 81 points, to get a C one needs 73 points, to get a D one needs 66 points and to get an E one needs 60 points. Those who fail to obtain 60 points will not receive the credits for the course.
Seminar paper 30% (for evaluation see http://writing2.richmond.edu/writing/wweb/polisci/grading.html)
Presentation 30% (the duration of the presentation has to be between 12-16 minutes, for evaluation see http://www.ece.mtu.edu/labs/presentation_grade_sheet.htm)
Test 30% (the questions on the test can be concerned with anything that may be found in the compulsory literature and anything that has been said during the course)
Presence (more than three absences mean Fx, signing the attendance list and then leaving means Fx, the use of a mobile phone or a computer during the class unless demanded or allowed by the teacher can mean a deduction of five points from the overall assessment)
Summaries 10% (the summary from compulsory literature containing 400-800 is to be upload to moodle 24 hours before the beginning of the class. Depending on the number of students, each student will have either one or two or three summaries graded (each student will have the same number of summaries graded), the summaries will be chosen randomly to the extent to which this choice respects the previous rule. This task ends with the last handed summary after which the grades will be put into AIS. The grading depends on the capability to convey the main idea and the quality of its presentation, for more information about the grading see the syllabus. Plagiarism, which in the case of summaries includes unacknowledged copying from the summarised text means 0 points for a summary).
PLAGIARISM IN ANY FORM MEANS FAILING THE COURSE.
The student has to accept the date of a presentation assigned to him by the teacher. A student can have his or her presentation moved to another date once only due to illness.

Learning outcomes:
The aim of this course is to offer an eclectic critical approach to International Political Economy together with selected topics of current interest. We will begin with a discussion about how the IPE is constituted as a discipline and then will discuss what capitalism is by focusing on its beginnings.

The question what money is and how it is connected to debt will be answered in the fourth class. Afterwards a basic introduction into the economic and development theories and then economic models will follow together with a critique of these models. Different approaches to economy will include environmental economics, feminist economics and cultural political economy that will include anthropology of economy and postcolonial approach to economy. A more practically oriented classes will deal with the recent discussion about varieties of capitalism in Central and Eastern Europe, with the discussion about the most recent economic crisis. Overall the students should get an overview of the traditional IPE as well as its criticism from various standpoints.

Class syllabus:
1. Introductory seminar
2. What is IPE?
3. Money and Debt
4. Economic models
5. Neoliberalism and structuralism
6. Post/Washington Consensus and beyond
7. Governmentality and depoliticization in international politics
8. Ecological economics
9. The financial crisis
10. FranceAfrique
11. Gender and the global economy
12. Varieties of capitalism in Central and Eastern Europe
13. Concluding the course

Recommended literature:
Ashworth, Lucian M. 2011. "Missing Voices: Critical IPE, Disciplinary History and H.N. Brailsford's Analysis of the Capitalist International Anarchy". V Critical International Political Economy: Dialogue, Debate and Dissensus, zostavil Stuart Shields, Ian Bruff, a Huw Macartney, 9–26. Basingstoke and New York: Palgrave Macmillan.
Hobson, J.M., 2013a. Part 1 – Revealing the Eurocentric foundations of IPE: A critical historiography of the discipline from the classical to the modern era. Rev. Int. Polit. Econ. 20, 1024–1054.
Mellor, Mary. 2010. The Future of Money: From Financial Crisis to Public Resource. London and New York: Pluto Press, Chap. 1, pp. 8-30.
Wood, Ellen Meiksins. 2002. The Origin of Capitalism: A Longer View. Verso, pp. 2-8, 11-21, 73-134 (available in Czech)
Daly, H.E., Farley, J., 2011. Ecological Economics: Principles and Applications. Island Press, Washington D.C., Chap. 4, 5, 6, pp. 61-110.
Hindmoor, A., McConnell, A., 2013. Why Didn't They See it Coming? Warning Signs, Acceptable Risks and the Global Financial Crisis. Polit. Stud. 61, 543–560.
Jessop, Bob, a Ngai-Ling Sum. 2013. Towards a Cultural Political Economy: Putting Culture in Its Place in Political Economy. Cheltenham and Northampton: Edward Elgar Publishing, Chap. 9, pp. 324-351.
Peterson, V. Spike. 2003. A Critical Rewriting of Global Political Economy. Integrating Reproductive, Productive and Virtual Economies. London and New York: Routledge, Chap. 4, pp. 78-112.
Nölke, A., Vliegenthart, A., 2009. Enlarging the Varieties of Capitalism: The Emergence of Dependent Market Economies in East Central Europe. World Polit. 61, 670–702.
Mehmet, O., 1995. Westernizing the Third World. The Eurocentricity of Economic Development Theories. Routledge, London and New York, Chap. 1, pp. 1-29

Languages necessary to complete the course:					
Notes:					
Past grade distribution Total number of evaluated students: 61					
A	B	C	D	E	FX
32,79	18,03	21,31	3,28	11,48	13,11
Lecturers: Mgr. Radovan Geist, PhD.					
Last change: 15.04.2021					
Approved by:					

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/UE-200/16/17	**Course title:** International Statistical Databases

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: 1.

Educational level: II.

Prerequisites:

Course requirements:
 Active participation in seminars - 50% active participation in the class, 50% final exam

Learning outcomes:
To present and to explain the various approaches to international statistical databases, particularly those of the relevant international organizations and agencies. After successful passing this subject, students will be able to work with their information data sets, to download them or to extract their segments and to create the new user-friendly information structures. They will be able to formulate them as statistical problems, to find their solutions and to present the results obtained. They will also learn how to formulate the short reports on various economic and socio-economic topics, particularly for the policy makers and potential investors.

Class syllabus:
1. The substantial roles of international organizations in the process of collecting, processing, archiving and presentation of the statistical products. Political and methodological problems in formulation the rules and definitions of statistical variables. 2. The role of the United Nations in statistical data collection. 2. Special UN agencies and their data collection programs (UNDP and HDR). 3. United Nations COMTRADE statistics on international trade in goods and services. Statistical classification and harmonization. UNCTAD statistical products. 4. The International Labor Organization (ILO) statistics ILOSTAT and KILM. 5. The Organization for Education, Science and Culture - UNESCO, World Health Organization – WHO and the Food and Agriculture Organization – FAO statistics. 6. World Bank – WB and International Monetary Fund – IMF statistics. 7. OECD Statistics, Quality of Life. 8. Statistics of the European Commission - Eurostat. Economic and social statistics. 9. Special statistical products – Statistics on Income and Living Conditions – EU SILC. 10. Statistics on poverty and social exclusion. 11. Economic growth and social progress. Social imperative progress. 12. Specific and important statistical sources - U.S. Census Bureau, CIA, Penn Tables.

Recommended literature:
1. World Development Report, World bank, Washington, 2016, 2015, 2014
2. Human Development Report, World Bank, Washington, 2013, 2012, 2011

3. Society at a Glance, OECD, Paris, 2016 4. International Standard Industrial Classification of All Economic Activities-ISIC All sources are available via internet	
Languages necessary to complete the course: Slovak, English	
Notes:	
Past grade distribution Total number of evaluated students: 63	

A	B	C	D	E	FX
34,92	34,92	12,7	6,35	0,0	11,11

Lecturers: Dr.h.c. prof. Ing. Ladislav Kabát, CSc.
Last change: 18.07.2018
Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	
Course ID: FSEV.ÚE/UE-070/16/15	**Course title:** Macroeconomic Analysis

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: II.

Prerequisites:

Course requirements:
Analytical paper presented by the student is worth 30% of the final grade, mid-term exam is worth 20% of the final grade and the final exam is worth 50% 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 than 60.

Learning outcomes:
After successful completion of the course, the participant will be able to formulate and solve models from the field of general economic theory. Participant should be able to understand and present the results of macroeconomic analysis by applying mathematical techniques.

Class syllabus:
1. System of national accounts. 2. Models of economic growth. 3. Models of the economic cycle. 4. Multipliers. 5. Static equilibrium model: demand and supply. 6. Static Models and Introduction to Monetary and Fiscal Policy. 7. Long-term equilibrium models. 8. Economic fluctuations. 9.Rational expectations in macroeconomics.

Recommended literature:
Branson, W.H. – Litvack, J.M.(1981) : Macroeconomics. Hasper and Row publishers. New York.
Felderer, B. – Homburg, S.(1995): Makroekonomika a nová makroekonomika. Elita, Bratislava .
Mlynarovič, V. (1988): Kvantitatívna makroekonómia, Ekonóm, Bratislava.
Mlynarovič, V – V. Miťková.(2010): Makroekonomická anaýza, IURA Edition, Bratislava.
Pentecost, E.J. (2000): Macroeconomics, MacMillan Press, Ltd., London.
Romer. D.(1996): Advanced Macroeconomics, New York, McGraw – Hill.

Languages necessary to complete the course:
Slovak

Notes:

Past grade distribution					
Total number of evaluated students: 128					
A	B	C	D	E	FX
3,91	10,16	17,19	13,28	39,84	15,63

Lecturers: Ing. Tomáš Domonkos, PhD.

Last change: 13.03.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/AE-222/16	**Course title:** Makroekonomický vývoj a hospodárske politiky na Slovensku

Educational activities: **Type of activities:** lecture **Number of hours:**   **per week:** 2 **per level/semester:** 28 **Form of the course:** on-site learning
Number of credits: 3
Recommended semester: 1.
Educational level: II.
Prerequisites:
Course requirements:
Learning outcomes:
Class syllabus:
Recommended literature:
Languages necessary to complete the course:
Notes:

Past grade distribution
Total number of evaluated students: 1

A	B	C	D	E	FX
0,0	100,0	0,0	0,0	0,0	0,0

Lecturers:
Last change: 11.05.2016
Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: FSEV.ÚE/UE-020/16/15	**Course title:** Microeconomic Analysis

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: II.

Prerequisites:

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 will provide students with upgraded knowledge on the subject of microeconomic theory and practical part; knowledge of companies operating in conditions of perfect competition, monopolistic companies and companies operating under oligopoly conditions and proces searching of equilibrium these companies.

Class syllabus:
 1. Equilibrium in the product and service market
 2. Conditions of consumer equilibrium
 3. Optimal consumer decision
 4. Production analysis
 5. Cost analysis
 6. Perfect competition
 7. Monopoly
 8. Oligopoly

Recommended literature:
 Kreps, David M.: A Course in Microeconomic Theory. Princeton, Princeton University Press 1990.
 Varian, Hal R.: Microeconomic Analysis. New York, W.W. Norton & Company 1992.

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

Notes:

Past grade distribution
Total number of evaluated students: 131

A	B	C	D	E	FX
9,92	9,92	12,21	20,61	30,53	16,79

Lecturers: Ing. Miroslava Jánošová, PhD.

Last change: 13.03.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/UE-080/16/15	**Course title:** Modelling of Economic Processes

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: II.

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 apply the knowledge of modeling economic processes to solving various economic problems using different types of models based on mathematical modeling.

Class syllabus:
Stručná osnova predmetu:
1. General questions of mathematical modeling (Model and model classification, parameters and variables in the model, equation types and types of variables in the model)
2. Problems of aggregation and disaggregation in models (Aggregation of variables in the model - strong separability, weak separability, Pearce separability, aggregation of functions and variables in the model)
3. Modeling of Investment Processes (simple accelerator model, Flexible Accelerator Model, Samuelson's multiplier–accelerator model)
4. Balance Model (Open Input-Output Model, Distribution Equation System, Analysis of Primary Resources, Analysis of Import and Export Efficiency)
5. Stochastic models (Stochastic processes - classification)
6. Mark Chaines (Matrix of transitions in n steps, classification of states of the marker chains, stationary distribution of the final Markov chain, Markov chains with awards, marker chains with alternatives)
7. Inventory models (Inventory model classification, Deterministic inventory models, Discrete inventory model, Continuous inventory model, Discount inventory model)

Recommended literature:
Sojka, Jozef – Šimkovic, Ján – Hatrák, Michal: Modelovanie národohospodárskych procesov. Bratislava, Alfa 1981. Goga, M.: Kvantitatívny manažment. IURA Edition, Bratislava 2000. Fábry, J.: Matematické modelování. Nakladatelství Oeconomica, Praha 2007 Chin, Wai-Ki – Huang, Ximin – Ng, Michael K. – Sin, Tok-Kuen: Markov Chains. Models, Algorithms, and Applications. Second Edition. New York, Springer 2013

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

Notes:

Past grade distribution
Total number of evaluated students: 106

A	B	C	D	E	FX
13,21	34,91	19,81	18,87	10,38	2,83

Lecturers: Ing. Miroslava Jánošová, PhD.

Last change: 13.03.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/UE-060/16/15	**Course title:** Models of Banking Operations

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: II.

Prerequisites:

Course requirements:
During the term there will be two control written works (together 20 points), two presentations on actual banking topics (each 5 points), the first topic to be presented till the 6th week of the term, the second topic within 7-11th week. Other activities: 10 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 the knowledge on banking operations towards banking and non-banking clients; interbank market; methods for risk management and calculation of bank capital requirements; Basel accords; Banking union.

Class syllabus:
• Bank Capital.
• Interbank Operations.
• Global Banking Activities.
• Basel Accords.
• Market Risk and Capital Adequacy.
• Interest Rate Risk and Capital Adequacy.
• Credit Risk and Capital Adequacy.
• Operational Risk and Capital Adequacy.
• Managing Liquidity.
• Banking Union.
• Payment and Communication Interbank Systems.

Recommended literature:
MISHKIN, S. F.: The Economics of Money, Banking and Financial Markets. PEARSON, 11th Edition. ISBN: 978-1-292-09418-2.
KOCH, T.W., MACDONALD, S. S.: Bank Management. South-Western College Pub, 8th Edition. ISBN: 978-1133494683.

SIVÁK, R., GERTLER, Ľ., KOVÁČ, U.: Teória a politika rizika vo financiách a v bankovníctve. Bratislava: Sprint, 2015. ISBN: 9788089710195.
KOČIŠOVÁ, K.: Manažment bankových operácií. Košice: Elfa, 2016. ISBN: 978-80-8086-260-2.
Journals: BIATEC (NBS in Bratislava); Bankovnictví (ECONOMIA in Prague).
Laws, Measures, Regulations.
www.nbs.sk; www.ecb.europa.eu

Languages necessary to complete the course:
Slovak, English

Notes:

Past grade distribution
Total number of evaluated students: 107

A	B	C	D	E	FX
14,95	16,82	15,89	19,63	30,84	1,87

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

Last change: 13.03.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/UE-050/16/15	**Course title:** Models of General Economic Equilibrium

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: II.

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 will master the problems of computable general equilibrium models, their place among economic models, their specifics and properties. Upon completion of the course the student will be able to compile and apply the applied model of general equilibrium model.

Class syllabus:
1. General equilibrium. 2. Theoretical background. 3. Cycles in the economy. 4. Types of production functions. 5. Elasticities. 6. Formulation of the model. 7. Modeling. 8. Solving different types of tasks on the model.

Recommended literature:
Burfisher, M. (2012) Introduction to Computable General Equilibrium Models. Cambridge University Press.
Lofgren, H. (2003) Exercises in General Equilibrium Modeling Using GAMS. Microcomputers in Policy Research 4a. IFPRI, Washington DC.
Lofgren, H., Harris, R. L., Robinson, S. (2002) A Standard Computable General Equilibrium Model in GAMS. Microcomputers in Policy Research 5. IFPRI, Washington DC.

Languages necessary to complete the course:

Notes:

Past grade distribution

Total number of evaluated students: 119

A	B	C	D	E	FX
22,69	13,45	16,81	17,65	22,69	6,72

Lecturers: Ing. Veronika Miťková, PhD.

Last change: 13.03.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: FSEV.ÚE/UE-410/21	**Course title:** Monetary Policy

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: II.

Prerequisites:

Course requirements:
During the term there will be two control written works (together 20 points), two presentations
of actual banking topics on monetary policy (each 5 points), the first topic to be presented till the 6th week of the
term, the second topic within 7-11th week. Other activities: 10 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 central banks operate in economy; price stability; transmission mechanism; standard and nonstandard Eurosystem measures.

Class syllabus:
• Central Banking.
• Price Stability.
• Transmission Mechanism.
• Counterparties for the ECB Monetary Policy.
• Eurosystem Monetary Policy Instruments.
• Open Market Operations.
• Tender Procedures.
• Eligible Assets.
• Standing Facilities.
• Minimum Reserves.
• Nonstandard Eurosystem Measures

Recommended literature:
ECB: The Implementation of Monetary Policy in the Euro area. ECB, 2012. (Electronic version).
MISHKIN, S. F.: The Economics of Money, Banking and Financial Markets. PEARSON, 11th
Edition. ISBN: 978-1-292-09418-2.

MISHKIN, S. F., EAKINS, S. G.: Financial Markets and Institutions. PEARSON, 8th Edition. ISBN: 978-0133423624.
REVENDA, Z.: Centrálni bankovnictví. MANAGEMENT PRESS, Praha, 2001. ISBN: 80-7261-051-1.
Journals: BIATEC (NBS in Bratislava); Bankovnictví (ECONOMIA in Prague).
Laws, Measures, Regulations.
www.nbs.sk; www.ecb.europa.eu

Languages necessary to complete the course:
Slovak, English

Notes:

Past grade distribution
Total number of evaluated students: 8

A	B	C	D	E	FX
25,0	25,0	25,0	25,0	0,0	0,0

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

Last change: 13.03.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/UE-195-15/16/15	**Course title:** Multi-criteria Decision-making

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: II.

Prerequisites:

Course requirements:

Learning outcomes:
 To provide students basic methodology of decision making problem modelling under multiple criteria and its applications

Class syllabus:
 Basic concepts of decision making. Concepts of intrapersonal, interpersonal and systemic conflicts. Taxonomy of MCDM techniques. Optimality and efficiency. Operational model of ideal alternative. Compromise programming and goal prgramming. Modelling of decision maker preferences and outranking methods. Interactive procedures. Group decision making under multiple criteria

Recommended literature:
 Mlynarovič, V.(1998): Modely a metódy viackriteriálneho rozhodovania, Ekonóm, Bratislava
 Zelený. M. (1982): Multiple Criteria Decision Making. McGraw Hill, New York.
 Steuer, R. E. (1986): Multiple Criteria Optimzation.John Wiley and Sons New York

Languages necessary to complete the course:
 slovenský a anglický jazyk

Notes:

Past grade distribution
 Total number of evaluated students: 106

A	B	C	D	E	FX
16,98	21,7	28,3	19,81	11,32	1,89

Lecturers: doc. Ing. Vladimír Mlynarovič, CSc.

Last change: 13.03.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava	

Faculty: Faculty of Social and Economic Sciences	

Course ID: FSEV.ÚE/UE-030/16/15	**Course title:** Optimal Programming

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: II.

Prerequisites:

Course requirements:
ongoing test during the semester 2 times for 30 points, methods of presentation solutions during the semester for 10 points, the final test for 30 points

Learning outcomes:
Learning outcomes of the course unit The student obtains knowledge of the construction of mathematical models of economic phenomena and processes at different levels of the economy, which are searching for some of the best solutions. It is able to identify the decision variables of the model, model their interrelationships so that these links display the most realistic real economic world and can also formulate criteria for assessing the quality of individual solutions. The student will have knowledge of solution methods as well as software background for solving different types of optimization tasks.

Class syllabus:
Classification of mathematical programming models and methods. 2. Linear programming (LP) models. 3. Methods of solving LP tasks. 4. Theory of duality. 5. Models and methods of discrete programming. 6. Non-linear programming (NP) models. 7. Basic methods for solving NP problems. 8. Introduction to stochastic programming. 9. Network analysis tasks. 10. Software to solve mathematical programming tasks.

Recommended literature:
.. Laščiak, A. a kol.: Optimálne programovanie. Alfa, Bratislava 1991.
2. Williams, H.P.: Model Solving in Mathematical Programming. John Wiley & Sons, New York 1992.
3. Hamala, M., Trnovská, M.: Nelineárne programovanie. Epos, Bratislava 2012.

Languages necessary to complete the course:
slovenský a anglický jazyk

Notes:

Past grade distribution Total number of evaluated students: 122					
A	B	C	D	E	FX
10,66	13,11	12,3	15,57	37,7	10,66

Lecturers: doc. Ing. Vladimír Mlynarovič, CSc.

Last change: 13.03.2022

Approved by:

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: FSEV.ÚE/UE-380/19	**Course title:** Practice II.

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: II.

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. 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.

Class syllabus: Learning how to prepare economic analysis useful for real life business applications or research.

Recommended literature:

Languages necessary to complete the course: Slovak and English

Notes: Necessary condition for application to this subject is having an acceptance letter from one of the approved institutions in advance. (before applying to this course)

Past grade distribution					
Total number of evaluated students: 12					
A	B	C	D	E	FX
75,0	8,33	16,67	0,0	0,0	0,0

Lecturers: doc. RNDr. Eduard Hozlár, CSc.

Last change: 10.09.2021

Approved by:

STATE EXAM DESCRIPTION

Academic year: 2021/2022	
University: Comenius University Bratislava	
Faculty: Faculty of Social and Economic Sciences	
Course ID: FSEV.ÚE/FSEV/mgAE/ SP2/18	**Course title:** Quantitative Methods in Economics
Number of credits: 6	
Recommended semester: 3., 4..	
Educational level: II.	
State exam syllabus:	
Last change: 30.06.2022	
Approved by:	

COURSE DESCRIPTION

Academic year: 2021/2022	

University: Comenius University Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: FSEV.ÚE/ÚE-190/17	**Course title:** Simulations

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: II.

Prerequisites:

Course requirements:
Analytical paper presented by the student is worth 30% of the final grade and the final exam is worth 70% 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 apply basic Monte Carlo and bootstrap methods when analyzing economic data.

Class syllabus:
Class syllabus:
1. Introduction to Monte Carlo simulations and bootstrap methods.
2. Basics about random variables, probability distributions, random numbers - generation and testing.
3. Classification of bootstrap methods (iid bootstrap, parametric/wild bootstrap, sieve bootstrap, and block bootstrap).
3. Estimating standard errors of selected quantities (e.g. mean/median/mode).
4. Estimating the empirical distribution of selected quantities (e.g. a correlation coefficient).
5. Hypothesis testing – bootstrap versus asymptotic theory (an application to testing for normality).
6. Bootstrap methods in regression models.
7. Further applications in macroeconomics (e.g. evaluating the accuracy of economic forecasts), finance (e.g. value at risk applications) and business (e.g. discrete event simulation).

Recommended literature:
Efron and Tibshirani (1994): An Introduction to the Bootstrap.
Shao and Dongsheng Tu (1995): The Jackknife and Bootstrap.
Banks, Carson, Nelson and Nicol (2005): Discrete-event system simulation.

Languages necessary to complete the course:
Slovak and English

Notes:

Past grade distribution

Total number of evaluated students: 54

A	B	C	D	E	FX
5,56	14,81	20,37	18,52	38,89	1,85

Lecturers: Ing. Marián Vávra, PhD.

Last change: 30.04.2019

Approved by: