# **Course descriptions**TABLE OF CONTENTS

1. 2-USA-100/10 Anthropology and Political Economy	2
2. UE-010/16/15 Applied Econometrics	
3. UE-130/16/15 Diploma Seminar 1	
4. UE-170/16/15 Diploma Seminar 2	
5. FSEV/mgAE/SP3/15 Diploma Thesis and Defence (state exam)	6
6. FSEV/mgrAE/SP1/15 Economic Theory (state exam)	7
7. UE-120/16/15 Financial Investing	8
8. UE-090/16/15 Game Theory	9
9. UE-160/16/15 International Macroeconomics	10
10. 2-UES-590/15 International Political Economy	11
11. UE-200/16/17 International Statistical Databases	14
12. UE-070/16/15 Macroeconomic Analysis	16
13. UE-020/16/15 Microeconomic Analysis	17
14. UE-080/16/15 Modelling of Economic Processes	18
15. UE-060/16/15 Models of Banking Operations	19
16. UE-050/16/15 Models of General Economic Equilibrium	21
17. UE-180/16/15 Models of Managerial Processes	22
18. UE-110/16/15 Monetary Policy of ECB.	23
19. UE-195-15/16/15 Multi-criteria Decision-making	25
20. UE-030/16/15 Optimal Programming	26
21. FSEV/mgAE/SP2/15 Quantitative Methods in Economics (state exam)	
22 ÚF-190/17 Simulations	28

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: Course title:

FSEV.ÚSA/2-USA-100/10 | 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:** 

**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: 146

A	В	С	D	Е	FX
17,81	38,36	13,7	12,33	6,85	10,96

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

Last change: 02.06.2015

University: Comenius University in Bratislava Faculty: Faculty of Social and Economic Sciences **Course ID: Course title: Applied Econometrics** FSEV.ÚE/UE-010/16/15 **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:** 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: 86

A	В	С	D	Е	FX
9,3	20,93	11,63	22,09	26,74	9,3

Lecturers: Ing. Veronika Miťková, PhD.

Last change: 02.06.2015

**University:** Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: Course title:

FSEV.ÚE/UE-130/16/15 Diploma Seminar 1

**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: 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: 50

A	В	С	D	Е	FX
42,0	24,0	18,0	0,0	12,0	4,0

**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.

Last change: 02.06.2015

**University:** Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: Course title:

FSEV.ÚE/UE-170/16/15 Diploma Seminar 2

**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:** 

**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: 45

A	В	С	D	Е	FX
31,11	42,22	13,33	0,0	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.

Last change: 02.06.2015

# STATE EXAM DESCRIPTION

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID:
FSEV.ÚE/FSEV/mgAE/
Diploma Thesis and Defence

Number of credits: 6

Educational level: II.

State exam syllabus:

Last change: 02.06.2015

Approved by: prof. Ing. Mgr. Renáta Pitoňáková, PhD.

# STATE EXAM DESCRIPTION

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID:
FSEV.ÚE/FSEV/mgrAE/
SP1/15

Number of credits: 6

Educational level: II.

State exam syllabus:

Last change: 02.06.2015

Approved by: prof. Ing. Mgr. Renáta Pitoňáková, PhD.

University: Comenius University in Bratislava Faculty: Faculty of Social and Economic Sciences **Course ID: Course title:** FSEV.ÚE/UE-120/16/15 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:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 50 A В  $\mathbf{C}$ D E FX 10,0 10,0 8,0 18,0 52,0 2,0 Lecturers: doc. Ing. Vladimír Mlynarovič, CSc. Last change: 02.06.2015

University: Comenius University in Bratislava Faculty: Faculty of Social and Economic Sciences **Course ID: Course title:** FSEV.ÚE/UE-090/16/15 Game Theory **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: 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: 53 Α В  $\mathbf{C}$ D E FX 5,66 11,32 26,42 16,98 35,85 3,77 Lecturers: Ing. Miroslava Jánošová, PhD. Last change: 03.05.2016

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: Course title:

FSEV.ÚE/UE-160/16/15 International Macroeconomics

**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:** 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: 48

A	В	C	D	Е	FX
6,25	27,08	27,08	16,67	20,83	2,08

Lecturers: Ing. Tomáš Domonkos, PhD.

Last change: 02.06.2015

Approved by: prof. Ing. Mgr. Renáta Pitoňáková, PhD.

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: Course title:

FSEV.ÚEŠMV/2-UES-590/15 | 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:**

It is possible to gain 100 points during the semester. 20 points for summaries, 20 points for the seminar paper, 20 points for active participation, 20 points for presentation, 20 points for the exam. 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.

Minimum required points to pass the course from the ongoing assessment:

Summaries 20% (20 points, it is necessary to hand in the summaries 24 hours before the beginning of the class except for two summaries of your own choice that can be handed in together with the last summary. Randomly chosen summaries are evaluated, but at least one from each student during the course. The evaluation depends on the capacity to present the main idea(s) and the quality of the presentation, for more information about the evaluation, see the syllabus. Plagiarism will by punished by 0 points for the particular summary and deduction of five points from the overall grade.) Seminar paper 20% (8/20 points required to pass, for evaluation see http://students.case.edu/academic/workshops/gradta/documents/electives/gradinghumanities.pdf)

Participation during the class 13% (13 points)

Presentation 20% (8/20 points required to pass, 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 27% (12/27 points required to pass, 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) Seminar paper feedback (200-400 words, failing to hand in a feedback means Fx)

Presence (more than three absences mean Fx, signing the presence 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 means an absence)

# **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. Origins of capitalism
- 5. Development and economic theories 1
- 6. Development and economic theories 2
- 7. Economic models
- 8. Ecological economics
- 9. The financial crisis
- 10. Cultural political economy
- 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: 7								
A	В	С	D	Е	FX			
14,29	28,57	28,57	0,0	14,29	14,29			
Lecturers: Mgr	Lecturers: Mgr. Tomáš Profant, PhD., Mgr. Ing. Boris Valach							

**Last change:** 08.02.2018

**University:** Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: Course title:

FSEV.ÚE/UE-200/16/17 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:									
Notes:									
Past grade distribution Total number of evaluated students: 23									
A	В	С	D	Е	FX				
13,04	47,83	21,74	17,39	0,0	0,0				
Lecturers: pro	of. Ing. Ladislav K	Labát, CSc.							
Last change: 24.04.2017									
Approved by:	prof. Ing. Mgr. R	enáta Pitoňáková	i, PhD.						

University: Comenius University in Bratislava Faculty: Faculty of Social and Economic Sciences **Course ID: Course title:** FSEV.ÚE/UE-070/16/15 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: Learning outcomes:** Class syllabus: **Recommended literature:** Languages necessary to complete the course: **Notes:** Past grade distribution Total number of evaluated students: 63

A	В	С	D	Е	FX
6,35	12,7	19,05	15,87	34,92	11,11

Lecturers: Ing. Tomáš Domonkos, PhD.

Last change: 02.06.2015

Approved by: prof. Ing. Mgr. Renáta Pitoňáková, PhD.

University: Comenius University in 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:** 

**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: 84

A	В	С	D	Е	FX
10,71	5,95	10,71	22,62	32,14	17,86

Lecturers: Ing. Tomáš Domonkos, PhD.

Last change: 16.09.2015

Approved by: prof. Ing. Mgr. Renáta Pitoňáková, PhD.

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

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

**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:** 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: 51

A	В	С	D	Е	FX
15,69	45,1	23,53	7,84	5,88	1,96

Lecturers: Ing. Miroslava Jánošová, PhD.

**Last change:** 04.04.2016

Approved by: prof. Ing. Mgr. Renáta Pitoňáková, PhD.

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: Course title:

FSEV.ÚE/UE-060/16/15 Models of Banking Operations

**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:** II.

# **Prerequisites:**

# **Course requirements:**

During the term there will be two control written works (together 25 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 7-12th 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 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 (published by NBS in Bratislava); Bankovnictví (published by 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: 73

A	В	С	D	Е	FX
13,7	12,33	15,07	17,81	28,77	12,33

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

**Last change:** 16.05.2018

Approved by: prof. Ing. Mgr. Renáta Pitoňáková, PhD.

**University:** Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: Course title:

FSEV.ÚE/UE-050/16/15 | Models of General Economic Equilibrium

**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:** 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: 77

A	В	С	D	Е	FX
11,69	12,99	14,29	24,68	31,17	5,19

Lecturers: Ing. Veronika Miťková, PhD.

Last change: 02.06.2015

Approved by: prof. Ing. Mgr. Renáta Pitoňáková, PhD.

University: Comenius University in Bratislava Faculty: Faculty of Social and Economic Sciences **Course ID: Course title:** FSEV.ÚE/UE-180/16/15 Models of Managerial 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: 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: 46 Α В  $\mathbf{C}$ D E FX

Lecturers: RNDr. Vladimír Kukliš

Last change: 20.09.2017

4,35

Approved by: prof. Ing. Mgr. Renáta Pitoňáková, PhD.

15,22

23,91

39,13

2,17

15,22

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: Course title:

FSEV.ÚE/UE-110/16/15 Monetary Policy of ECB

**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: 3.** 

**Educational level: II.** 

# **Prerequisites:**

# **Course requirements:**

During the term there will be two control written works (together 25 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 7-12th 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 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 (published by NBS in Bratislava); Bankovnictví (published by ECONOMIA in Prague).

Laws, Measures, Regulations. www.nbs.sk; www.ecb.europa.eu

# Languages necessary to complete the course:

Slovak and English

**Notes:** 

# Past grade distribution

Total number of evaluated students: 50

A	В	С	D	Е	FX
22,0	8,0	10,0	22,0	34,0	4,0

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

**Last change:** 16.05.2018

University: Comenius University in Bratislava Faculty: Faculty of Social and Economic Sciences **Course ID: Course title:** FSEV.ÚE/UE-195-15/16/15 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: 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: 72 A В  $\mathbf{C}$ D E FX 18,06 19,44 22,22 23,61 0,0 16,67

Lecturers: doc. Ing. Vladimír Mlynarovič, CSc.

Last change: 02.06.2015

University: Comenius University in Bratislava Faculty: Faculty of Social and Economic Sciences **Course ID: Course title:** FSEV.ÚE/UE-030/16/15 **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: 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: 78

A	В	С	D	Е	FX
8,97	6,41	7,69	20,51	50,0	6,41

Lecturers: doc. RNDr. Eduard Hozlár, CSc.

Last change: 02.06.2015

# STATE EXAM DESCRIPTION

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID:
FSEV.ÚE/FSEV/mgAE/
SP2/15

Number of credits: 8

Educational level: II.

State exam syllabus:

Last change: 02.06.2015

Approved by: prof. Ing. Mgr. Renáta Pitoňáková, PhD.

University: Comenius University in Bratislava

Faculty: Faculty of Social and Economic Sciences

Course ID: Course title: FSEV.ÚE/ÚE-190/17 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 40% of the final grade and the final exam is 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 propose a medium size simulation project and develop the simulation in a selected specialized software. The student will be able to analyze input data and analyze and interpret the outputs of the simulation model.

# Class syllabus:

- 1. Foundations of simulation modelling. 1.1 Introduction to simulations and simulation software.
- 1.2. Monte Carlo simulation. 1.3. Principles of dynamic simulations.
- 2. Mathematics and Statistics relevant to simulations. 2.1. Random numbers generation and testing. Random variables. 2.2. Discrete and continuous distributions relevant in simulation modelling.
- 3. Input data analysis. Verification and validation of the model. Output data analysis.
- 4. Principles of simulation optimization and comparison of alternatives.
- 5. Application of simulations. 5.1. Application of Monte Carlo simulations. 5.2. Application of Discrete Event Simulation models in a selected specialized software.

# **Recommended literature:**

Banks, Jerry – Carson, John - Nelson, Berry L. - Nicol, David: Discrete-event system simulation. New Jersey: Pearson Prentice Hall, 2005.

Dlouhý, Martin - Fábry, Ján - Kuncová, Martina - Hladík, Tomáš: Simulace podnikových procesú. Brno: Computer Press, 2007.

Fishman, George S.: Discrete-Event Simulation: Modeling, Programming, and Analysis. Springer, 2001.

Law, Averil. M.: Simulation Modeling and Analysis. Fourth Edition. New York: McGraw-Hill, 2007.

# Languages necessary to complete the course:

# **Notes:**

Past grade distribution Total number of evaluated students: 29						
A	В	С	D	Е	FX	
0,0	20,69	27,59	24,14	24,14	3,45	
Lecturers: Ing. Tomáš Domonkos, PhD.						
<b>Last change:</b> 02.05.2017						