University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KET | Title of course: Advanced Microeconomics

NHF/NNE21208/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 03.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | Title of course: Advanced Topics in Applied Economics

NHF/NND21259/21

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 2 Per course: 26 Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 3.

Degree of study: II.

Prerequisites: KHP NHF/NND21252/21-Applied Econometrics: Policy Evaluation

Requirements to complete the course:

20 % - activity during seminars, tests during seminars

20 % - assignments and semestral work

60 % - final exam

Student workload:

Total study load: 78

Out of that: participation in seminars 26, elaboration of assignments and semestral work 26, preparation for the final exam 26

Teaching results:

Knowledge

Students will gain knowledge about specific areas of applied economics according to selected articles.

Skills

They will gain knowledge of advanced econometric methods and estimators.

They will gain skills for advanced analysis of panel data and the use of instrumental variables. Competencies

They will be able to replicate advanced empirical analyses from impacted journals and apply skills to their own research in new contexts.

Indicative content:

- 1. 4. Semiparametric estimators. Generalized method of moments. Instrumental variables. Arellano-Bond estimator.
- 5.-12. Applications based on data on articles published in impact factor journals on selected topics, such as democracy and economic growth; redistribution, inequality and growth; international trade and per capita income; automation, employment and productivity; debt and economic growth, etc.

Support literature:

Wooldridge, J.M., 2010. Econometric analysis of cross section and panel data. MIT press.

Acemoglu, D., Naidu, S., Restrepo, P. and Robinson, J.A., 2019. Democracy does cause growth. Journal of Political Economy, 127(1), pp.47-100.

Arcand, J.L., Berkes, E. and Panizza, U., 2015. Too much finance?. Journal of Economic Growth, 20(2), pp.105-148.

Berg, A., Ostry, J.D., Tsangarides, C.G. and Yakhshilikov, Y., 2018. Redistribution, inequality, and growth: new evidence. Journal of Economic Growth, 23(3), pp.259-305. Feyrer, J., 2019. Trade and income—exploiting time series in geography. American Economic Journal: Applied Economics, 11(4), pp.1-35.

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: prof. Ing. Martin Lábaj, PhD.

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KET | **Title of course:** Advanced macroeconomics

NHF/NNE21205/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 2.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 03.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | **Title of course:** Applied Data Analysis

NHF/NND21254/21

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 2 Per course: 26 Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 2.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

20 % - activity during seminars

20 % - assignments

60 % - final exam

Student workload:

Total study load: 78

Out of that: participation in seminars 26, preparation for seminars 13, assignments 13, preparation

for the final exam 26

Teaching results:

Knowledge

Students will gain knowledge of modern research methods of Big Data and data analysis.

Skills

They will acquire skills in working with Big data, which they will be able to use in their own empirical research.

They will acquire advanced skills for the use of modern software (R, Python) in empirical economic research, they will be able to write scripts, and program more advanced analyses.

Competencies

They will be able to formulate an economic problem and design a research design for its examination through data analysis, formulate hypotheses and analyse or refuse them analytically.

Indicative content:

- 1. How do we estimate f. The trade-off between prediction accuracy and model interpretability.
- 2. Supervised vs unsupervised learning.
- 3. Regression vs. classification problems.
- 4. The bias-variance trade-off. Classification problems.
- 5. Logistic regression. LDA. QDA. KNN.
- 6. Cross-validation and bootstrapping.
- 7. Ridge regression. Lasso regression.
- 8. Polynomial regression and local regressions.
- 9. Regression trees.
- 10. Bagging and random forest.
- 11. Web scrapping.

12. Principal components analysis.

Support literature:

James, G., Witten, D., Hastie, T. and Tibshirani, R., 2013. An introduction to statistical learning: with Applications in R. New York: Springer.

Syllabus:

Language whose command is required to complete the course:

English, Slovak

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: prof. Ing. Martin Lábaj, PhD., doc. Ing. Eduard Nežinský, PhD.

Date of the latest change: 17.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | Title of course: Applied Econometrics: Policy Evaluation

NHF/NND21252/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 2.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

20 % - activity and tests during seminars

20 % - assignments

60 % - final exam

Student workload:

156 (participation in lectures 26, participation in seminars 26, preparation for seminars 26, elaboration of assignments 26, preparation for the final exam 52)

Teaching results:

Knowledge

Students will gain knowledge of modern methods of research design for estimating the causal effects of measures, programs and policies.

Students will master and understand the estimators for pooled cross-section data and panel data, as well as the estimator of instrumental variables.

Skills

Students will acquire advanced skills for the use of modern software (e.g. Stata) in empirical economic research, will be able to write scripts and program more advanced analyzes.

Competencies

Students will be able to formulate an economic problem and propose a research design for its examination through empirical analysis, formulate hypotheses and analytically confirm or reject them.

Students will be able to independently develop their knowledge in the field of econometrics and the use of modern software, will understand the empirical article on applied econometrics for policy evaluation and will be able to use them in new contexts.

Indicative content:

- 1. Basic concepts, e.g. causality, bias, ceteris paribus.
- 2. Research design, identification strategies, estimator.
- 3. Randomized controlled trials.
- 4. Multiple linear regression.
- 5. Omitted-variable bias.
- 6. Instrumental variables.
- 7. IV estimator and two-Stage least squares (2SLS) regression analysis.

- 8. Regression discontinuity design.
- 9. Diff-in-Diff estimator.
- 10. Estimates using pooled cross-section and panel data for evaluating policy effects.
- 11. Synthetic Control Method.
- 12. Non-standard standard errors.

Cunningham, S., 2021. Causal inference: The mixtape. Yale University Press.

Angrist, J.D. and Pischke, J.S., 2014. Mastering 'metrics: The path from cause to effect. Princeton University Press.

Wooldridge, J.M., 2016. Introductory econometrics: A modern approach. Nelson Education. Angrist, J.D. and Pischke, J.S., 2008. Mostly harmless econometrics: An empiricist's companion. Princeton university press.

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: prof. Ing. Martin Lábaj, PhD., Ing. Erika Majzlíková, PhD.

Date of the latest change: 17.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: | **Title of course:** Applied Spatial Analysis

KVSaRR NHF/ NNG21252/21

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 2 Per course: 26 Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 2.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

individual work, mid term tests

written / combined exam

40 % quality of the assignments

60 % quality of the final project

Student workload:

Student workload 78 hours (participation in seminars 26 h, preparation for assignments 13 h, elaboration of final project 39 h)

Teaching results:

Knowledge - The graduate will gain knowledge of data science and statistical methods of empirical analysis of spatial data.

Skills - The graduate of the course will acquire advanced skills in the acquisition, modification and analysis of spatial socio-economic and environmental data with specialized software QGIS and GeoDa.

Competences - The graduate will be able to identify the necessary data based on the assigned social or economic problem, design appropriate methods and perform analysis based on spatial data.

Indicative content:

- . Introductory overview of statistical methods of applied empirical spatial analysis.
- 2. Basic principles of management and visualization of point, line and area spatial data
- 3. Transformation of spatial data.
- 4. Exploratory analysis of point data (eg quadrant analysis, nearest neighbor method)
- 5. Spatial weights based on neighborhood and distance.
- 6. Application of spatial weights. Exploratory analysis of area data (neighborhood analysis, spatial autocorrelation).
- 7. Global measurements of the spatial concentration of one and more variables (Moran's I, correlogram).
- 8. Local measurements of spatial association (LISA).
- 9. Cluster analysis (K-means, hierarchical clustering, spatial clustering)
- 10. Spatial econometric models (spatial lag and spatial error model).
- 11. Presentation of the final project.

12. Presentation of the final project.

Support literature:

Burt, J., E., Barber, G., M., Rigby, D., L., 2009. Elementary statistics for geographers. Third Edition. The Guilford Press, New York

- 2. Anselin, L. et al. (2020). GeoDa Workbook. University of Chicago. Dostupná on line https://geodacenter.github.io/documentation.html
- 3. Fischer, M., Getis, A., ed. 2010. Handbook of Applied Spatial Analysis. Springer, Berlin.

Syllabus:

Language whose command is required to complete the course:

English, Slovak

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: doc. Ing. Štefan Rehák, PhD.

Date of the latest change: 18.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KET | **Title of course:** Applied macroeconomics

NHF/NNE21211/21

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 2 Per course: 26 Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 4.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 03.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KET | **Title of course:** Applied microeconomics

NHF/NNE21210/21

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 2 Per course: 26 Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 4.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 03.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KET | **Title of course:** Behavioral Economics

NHF/NNE21209/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 03.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | **Title of course:** Competition Policy

NHF/NND21261/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 3.

Degree of study: II.

Prerequisites:

Requirements to complete the course:

Evaluation during the semester and homework 40 %

Final exam 60 %

Student workload:

Total study load 156 hours

Lectures 26 hours

Seminars 26 hours

Preparing for seminars and seminar homework 26 hours

Preparing for evaluations during the semester 26 hours

Final exam preparation 52 hours

Teaching results:

Through this course, the student will understand the importance of efficient competition and deepen knowledge from other microeconomic subjects about markets and firm behaviour in different market structures. By graduating, the student can determine the relevant market, and she/he understands the implications of market power in efficient competition failures, e.g., horizontal and vertical collisions or different types of dominant position abuses.

The theoretical knowledge about different forms of inefficient competition further deepens on seminars through seminar works on specific case studies from the European and Slovak environments. Through seminar works, the student will learn how to work with professional literature from the European Commission and Antimonopoly Office of SR. Seminar works are done in groups and professionally presented. Through presentations of seminar works, students will gain presentation skills and communication skills and teamwork skills.

Indicative content:

- 1. History of competition policy
- 2. Effective competition
- 3. Basic oligopoly models and model of monopolist competition
- 4. Market power and evaluation of market power
- 5. Determination of market
- 6. Cartels and collusions
- 7. Horizontal agreements
- 8. Vertical agreements

- 9. Abuse of dominant market position
- 10. Specific practices of market power abuse
- 11. Horizontal mergers
- 12. Other mergers

Motta, Massimo. Competition policy: theory and practice. Cambridge University Press, 2004. Bishop, Simon, and Mike Walker. "The economics of EC competition law: concepts, application and measurement." (2010).

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

	A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
(0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: Ing. Richard Kališ, PhD., prof. Ing. Martin Lábaj, PhD., Mgr. Ing. Peter Silanič, PhD.

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: Title of course: Econometric Modeling (in English)

KOVE FHI/ NIB21021/22

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1.

Degree of study: II.

Prerequisites:

Requirements to complete the course:

individual work and continuous tests 20% project for the final exam 40%

final exam 40%

Student workload:

Teaching results:

Upon successful completion of this course, students will have knowledge of advanced methods of econometric approach to the analysis and modeling of economic phenomena and processes and should be able to use econometric techniques and procedures for different types of data. Students will gain practical skills and competencies with the application of advanced econometric methods in the analysis of economic problems using econometric software.

Indicative content:

- 1. Random variable and its distribution, classical linear regression model, least squares method and matrix algebra.
- 2. Statistical properties of small samples and least squares method, unbiasedness, efficiency, hypothesis testing, linear hypotheses.
- 3. Maximum likelihood method, Cramer-Rao theorem, information matrix.
- 4. Testing of nonlinear hypotheses, Wald test, Lagrange multiplier test, likelihood ratio test, delta method.
- 5. Estimation of models with restrictions and nonlinear models, Gauss and Newton method, Newton and Raphson method.
- 6. Generalized least squares method, spherical and non-spherical stochastic term.
- 7. Heteroskedasticity and autocorrelation robust estimators, White estimator and Newey and West estimator. 8. Introduction to asymptotic theory, endogenous explanatory variables, instrumental variables, introduction to the method of moments. 9. Generalized method of moments and estimation of forward-looking models. 10. Applications of the generalized method of moments.
- 11. Dynamic models, models with polynomial distributed lag, dynamic multipliers and impulse response functions. 12. The meaning of regression and its use in econometrics, experiments in econometrics. 13. Panel data, methods of estimation for the models with fixed or random effects.

- 1. Greene, W.H.: Econometric Analysis, 8th ed. Pearson, 2018
- 2. Pesaran, M.H.: Time Series and Panel Data Econometrics. Oxford University Press, 2015
- 3. Angrist, J.D., Pischke, J.S.: Mostly Harmless Econometrics: An Empiricist's Companion. Princeton University Press, 2009
- 4. Hayashi, F.: Econometrics. Princeton University Press, 2000

Syllabus:

Language whose command is required to complete the course: English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 17.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: Title of course: Economics and Health Policy

KSRaP NHF/ NNF21251/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1.

Degree of study: II.

Prerequisites:

Requirements to complete the course:

15% individual written work, 15% seminar work, 70% exam

Student workload:

Teaching results:

Students will gain theoretical and practical knowledge of the health care economics, health policy, the organization of health systems and international cooperation in healthcare and humanitarian aid. They will be able to implement knowledge of economics in health care system and practice for the optimal allocation of human, material and financial resources so as to integrate medical, organizational and economic rationality.

After completing the course, the student should be able to:

Knowledge and understanding:

- acquire theoretical and practical knowledge in the field of health policy
- know the specifics of distorting effects on health markets
- understand the relationship of society to the patient, understand the values, principles, and goals of health policy
- understand the principles of functioning of health policy models, the relationship between socio-economic indicators and health, the importance of socio-economic measures in addressing health inequalities
- gain an overview of information sources, apply knowledge in practical situations and take a creative approach to solving specific health policy issues
- understand socio-economic relations for their effective application in economic practice
- to gain knowledge about the dynamics of global health problems Skills
- analyze and professionally process theoretical and practical issues of the functioning of health systems, financing and institutional provision of the health care system
- be familiar with basic models of financing and organization of health systems
- be familiar with the theories, legislation, concepts and strategic documents related to the issue Competences:
- acquire specific and core competencies for the needs of economic practice, as well as further study, with an emphasis on systemic competencies in the field of functioning of the health care system

- effectively use knowledge, apply it in specific situations in the creation and implementation of health policy while taking into account the social aspect
- identify the responsibilities of specific institutions according to their competencies in health care
- the ability to work independently with studies related to health policy, will be able to interpret the results of research and take a position on them based on economic arguments
- familiarise with the types of markets in the provision of health care and in the health insurance system, in the role of public budgets in health care
- discuss current health problems and their possible solutions

Indicative content:

Economic laws and their functioning in healthcare.

Health policy, its tasks and concepts.

Health needs as a starting point for health policy and health care.

Health systems.

Trends in health policy.

Health insurance systems.

Reimbursement for healthcare in the EU.

Market imperfections. Determinants of human population health.

Institutional set-up of medical institutions and facilities and organisational set-up.

The role of the state, the role of the market and the role of the household in providing health care. Healthcare financing. Healthcare planning.

Management of improving the quality of health care.

Health insurance management.

Support literature:

- 1. Fuchs, V. R.: Health Economics and Policy: Selected Writings by Victor Fuchs, World Scientific Publishing Co Pte Ltd, 2018
- 2. Nováková, M.: Zdravie a zdravotná starostlivosť v socioekonomických súvislostiach, Vydavateľstvo Ekonóm, Bratislava, 2014.
- 3. Pechová, M. Stanek, V: Zdravotná politika, Vydavateľstvo Ekonóm, Bratislava, 2010.
- 4. Ministerstvo zdravotníctva: Strategický rámec starostlivosti o zdravie 2014–2030.

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: Ing. Michaela Nováková, PhD., Ing. Hana Poláčková, PhD., doc. Ing. Peter Sika, PhD.

Date of the latest change: 01.03.2022

Approved by: Person responsible for the delivery, development and quality of the study programme doc. Ing. Eduard Nežinský, PhD., Person responsible for the delivery, development and quality of the study programme Ing. Marcel Novák, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lábaj, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Štefan Rehák,

PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Anetta Čaplánová, PhD.

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | **Title of course:** Efficiency and Productivity Analysis

NHF/NND21251/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1.

Degree of study: II., N

Prerequisites: KHP NHF/NND21002/21-Quantitative Methods in Economics

Requirements to complete the course:

20 % coursework, 20 % assignments, 60 % final exam

Student workload:

Total: 156 (participation in lectures 26, participation in seminars 26, preparation for seminars and track credit tests 26, assignments elaboration 26, preparation for the final exam 52)

Teaching results:

After completing this course students will:

- a) have knowledge of the principles of non-parametric estimation of the production set and measurement of the effectiveness of activities
- b) be able to implement optimization program to evaluate effectiveness as well as interpret and present results
- c) to propose an adequate method of evaluating efficiency and to draw consequences for managerial or economic-political decision-making

Indicative content:

Efficiency measurement using revenue, cost and distance functions. Econometric estimates production, cost and revenue functions. Revenues from scope. DEA - Data package analysis. Nonparametric estimation of a production set. Efficiency measurement - input and output orientation. CCR model. Variable returns from the range: BCC model. Additive models. Intertemporal analysis: productivity indices and decomposition.

Support literature:

COELLI, T.J – PRASADA RAO, D.S. ¬ O'DONNELL, CH.J. – BATTESE, G.E. 2005. An Introduction to Efficiency and Productivity Analysis. 2.vyd. Springer: 2005.

COOPER, W. – SEIFORD, L.M. – TONE, K. 2007. Data envelopment Analysis. A

Comprehensive Text with Models, Applications, References and DEA-Solver Software. 2.vyd. Springer, 2007.

RAY, S. 2004. Data Envelopment Analysis: Theory and Techniques for Economics and Operational Research. Cambridge University Press, 2004.

Syllabus:

Language whose command is required to complete the course:

English	English												
Notes:	Notes:												
	Assessment of courses Total number of evaluated students: 0												
A													
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

Lecturer: doc. Ing. Eduard Nežinský, PhD., Ing. Richard Kališ, PhD., Ing. Andrea Valachová, PhD.

Date of the latest change: 17.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: Title of course: Environmental Economics

KVSaRR NHF/ NNG21254/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1.

Degree of study: II.

Prerequisites:

Requirements to complete the course:

10 % assignments during the course, 30 % written project, 60 % final exam

Student workload:

156 h (participation in lectures 26 h, participation in seminars 26 h, home regular preparation for seminars and for assignments 19 h, written project elaboration 32 h, preparation for the final exam 52 h)

Teaching results:

After completing the course, students will gain:

- Deeper knowledge of terms, principles of economics in the environment, possibilities of measuring environmental values and finding solutions for market failure
- Deeper knowledge of substance and principles of environmental policy as such, the environmental policy of Slovakia and the European Union and their economic instruments
- Understanding of the environment substance in Slovakia and based on the analysis of basic pollutants and risk factors will be able to design and seek solutions and measures.
- Ability to critically evaluate global environmental problems and to discuss on pros and cons/ problems of various solutions while taking into account new trends

Indicative content:

The aim of the course is to offer basic knowledge in environmental economics, environmental policy of Slovakia and the EU. In order to fulfill the aim the course deals with following topics:

- 1. Theoretical outcomes of environmental economics
- 2. Renewable and non-renewable resources, efficient and optimal use of natural resources
- 3. Market operation and market failure, causes of state intervention and of state failure in the environment, Externalities and transaction costs
- 4. Approaches to address market failures and externalities.
- 5. Decision making in the environment. Measurement of environmental values, CBA
- 6. Environmental policy tools and selection criteria
- 7. EU environmental policy, its principle, aims, institutions, legislative framework,
- 8. The EU Action programs
- 9. Global environmental problems and the EU reaction
- 10. Analysis of the Slovak environment

- 11. Environmental regionalization of the SK, Strategy and other relevant documents of the Slovak environmental policy
- 12. Self-government competences in environmental economics
- 13. Approaches to solving environmental problems, nature protection, possibilities of an individual and society advantages and disadvantages, new trends

TURNER-PEARCE-BATEMAN: Environmental Economics: An Elementary Introduction. Translation into Slovak language. Ekonomická univerzita v Bratislave, 2002

- 2. PERMAN, R et al.: Natural Resource and Environmental Economics. Strathclyde: Prentice Hall, London, 2011 ISBN 9780321417534.
- 3. European Commission. Europe 2020. Sustainable Growth [online]. Available at #https://ec.europa.eu/info/business-economy-euro/economic-and-fiscal-policy-coordination/eu-economic-governance-monitoring-prevention-correction/european-semester_en#, #https://portal.cor.europa.eu/europe2020/Profiles/Pages/welcome.aspx#, #https://ec.europa.eu/eurostat/web/europe-2020-indicators#

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: Ing. Eva Belvončíková, PhD., MA

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: Title of course: Ethics, Corruption and Transparency

KVSaRR NHF/ NNG21258/21

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 2 Per course: 26 Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 3.

Degree of study: II.

Prerequisites:

Requirements to complete the course:

100% work:

- 20% discussion contributions to the given literature (essays) and active participation in seminars.
- 20% test
- 60% final exam

Student workload:

78 hours:

- 26 hours participation in seminars,
- 26 hours of regular homework for seminars essays,
- 26 hours of preparation for the test and final exam.

Teaching results:

The student will gain knowledge about theoretical aspects of corruption, corrupt practices and anticorruption strategies in Slovakia and in the world.

The student will acquire skills associated with the analysis of public policy, comparing the effectiveness of public policies and public policy making with an emphasis on the fight against corruption.

The student is able to use knowledge, skills and personal, social and / or methodological abilities in work or study situations and in professional and personal development (e.g. the student acquires the ability to identify and prevent corruption risks, create and analyze anti-corruption strategies for public institutions, applicable also in the private sector.).

Indicative content:

The course focuses on a comprehensive view of the issue of corruption and transparency, primarily within the public sector, but also on the broader ethical aspects of society. Students will learn about corruption in the economic and political context, definitions of corruption, measurement of corruption, types of corruption (e.g. political vs. administrative corruption), the causes and consequences of corruption. The course also introduces students to possible ways to fight corruption, anti-corruption reforms and the international context of the fight against corruption.

- 1. Introduction corruption in the economic and political context.
- 2. Defining corruption and measuring it, Principal-agent theory. Positive, normative definition of corruption. Boundaries between gifts, bribes, lobbying, clientelism.

- 3. Corruption contract advantages, disadvantages, conditions. Political and administrative corruption. Official statistics, perceptual methods.
- 4. Causes of corruption and their analysis. Impact of formal and informal rules.
- 5. Demand and supply side of corruption. The problem of state capture.
- 6. Interests and their analysis. Externalities versus internalities. Risks of decision-making in the public sector.
- 7. Consequences of corruption. Economic, political, social consequences.
- 8. Trust, Anti-corruption tools: Addressing bottlenecks, monopolies, reducing discretion. Information, transparency, accountability.
- 9. Public finances and their transparency, Ethical reform in the public sector and in the business sector, Solving conflict of interest, Financing of political parties. Functionality of the repression system.
- 10. Decentralization and its corruption risks, Corruption sensitive areas and possibilities of their analysis,
- 11. Anti-corruption reforms. Experience from Slovakia and abroad, Prerequisites for success,
- 12. International context of the fight against corruption, Activities and programs of international institutions, Slovakia's commitments in this area.

Core:

1. Hough, D., 2013: Corruption, Anti-Corruption and Governance (Political Corruption and Governance). Palgrave Macmillan.

Recommended:

2. Peters, B. G., Pierre, J., eds. 2004: The Politicization of the Civil Service in Comparative Perspective: A Quest for Control. Routledge.

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: Title of course: Evaluation of Public Policies

KVSaRR NHF/ NNG21253/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 2.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

40% continuous written work, 60% written exam

Student workload:

156 h (participation in lectures 26 h, participation in seminars 26 h, preparation for seminars 26 h, elaboration of a semester work 26 h, preparation for the exam 52 h)

Teaching results:

- Knowledge of the management of support programs and basic types of evaluations
- Knowledge of the evaluation system of support processes in Slovakia and within the European Union
- Practical skills in evaluating support programs through modern methods and technics of evaluation.
- Ability to work in a team and present the results of an evaluation study
- Ability to analyze development programs, challenges, projects, operational programs
- Competence identifies suitable methods for evaluation
- Competence to critically evaluate results and discuss the real impact of support programs, draw conclusions for policy practice.

Indicative content:

The course is based on the acquisition of practical knowledge in the field of public policy evaluation, with emphasis on support programs. Through management of their own evaluation project, the student will learn the basics of the support evaluation system - reasons for evaluation, evaluation theory, evaluation criteria, evaluation principles. The object of evaluation are development processes - support programs, legislative and other public policy measures.

Students will gain knowledge of methods and techniques for evaluating results, outputs and impacts of support for regional development. Through the course, students will gain practical skills in the evaluation of support processes, on the basis of which they will be able to critically evaluate the effectiveness, effectivity and relevance of the policy or its support and to draw conclusions for

political practice. Brief syllabus:

- 1. Introduction to the evaluation of public policies.
- 2. Definitions of basic terms. Basic aspects of evaluation, evaluation criteria.
- 3. Defining the research (evaluation) question, determining the goal of the evaluation.

- 4. Data and methods of data collection.
- 5. Characteristics of support. Support system.
- 6. Analysis of support.
- 7. Methods and techniques of evaluation of development support and their classification.
- 8. Characteristics of selected evaluation methods and their practical use.
- 9. Real examples of evaluation.
- 10. Visit of experts from evaluation practice, practical aspects of evaluation in Slovakia.
- 11. Interpretation of evaluation results.
- 12. Drawing conclusions of the evaluation, Discussion. Critical conclusions.
- 13. Presentations of projects of students with posters.

Gertler, Paul J.; Martinez, Sebastian; Premand, Patrick; Rawlings, Laura B.; Vermeersch, Christel M. J.. 2011. Impact Evaluation in Practice, First Edition. World Bank. © World Bank. https://openknowledge.worldbank.org/handle/10986/2550 License: CC BY 3.0 IGO.

ŠIPIKAL, Miroslav [50 %, 5,898 AH] - NÉMETHOVÁ, Valéria [50 %, 5,898 AH].

Metódy hodnotenia programov a projektov. Recenzenti: Peter Pisár, Alžbeta Ivaničková.

1. vyd. Bratislava : Vydavateľstvo EKONÓM, 2016. 209 s. [11,8 AH]. 1/0098/15. ISBN 978-80-225-4368-2.

ŠIPIKAL, Miroslav - SZITÁSIOVÁ, Valéria. Hodnotenie regionálnej politiky Európskej únie : vybrané príklady z praxe Slovenskej republiky. 1. vyd. Bratislava : Vydavateľstvo EKONÓM, 2014. 147 s. ISBN 978-80-225-3933-3.

Evalsed Sourcebook: Method and techniques. 165 p. DG for Regional Policy. 2013.

The resource for the evaluation of Socio-Economic Development -Evaluation guide. 119 p. DG for Regional Policy. 2013.

Syllabus:

Language whose command is required to complete the course:

English, Slovak

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: Ing. Valéria Némethová, PhD.

Date of the latest change: 18.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP **Title of course:** Final Thesis Defence

NHF/NND21265/21

Type, load and method of teaching activities:

Form of course:

Recommended load of course (number of lessons):

Per week: Per course: Method of study: present

Number of credits: 10

Recommended semester/trimester of study:

Degree of study: II.

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 0

A	В	С	D	Е	FX	NO	NOd	О	Od
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | Title of course: Forecasting

NHF/NND21257/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 3.

Degree of study: II.

Prerequisites: KHP NHF/NND21002/21-Quantitative Methods in Economics

Requirements to complete the course:

20 % coursework, 20 % assignments, 60 % final exam

Student workload:

156 (participation in lectures 26, participation in seminars 26, preparation for seminars 13, elaboration of semester project 13, assignments elaboration 26, preparation for the final exam 52)

Teaching results:

The course is focused on the use of forecasting methods used by analysts in the public and private sectors. It includes the practical application of one-dimensional and multidimensional analysis of time series of macroeconomic variables, as well as the system of structural equations. Selected topics will be delivered by experts from practice.

After completing this course students will:

- a) have knowledge of forecasting methods in the private sector and public institutions
- b) Skills: students will be able to make a forecast in the most used software packages (Stata, R) and present its results
- c) Competences: students will be able to select and use an appropriate forecasting method given the nature of the data and the type of problem

Indicative content:

Practical application of time series models and structural models based on theoretical knowledge from advanced econometrics.

- 1. Introduction. Principles and foundations of forecasting.
- 2. Forecasting in the private sector and state institutions. Qualitative methods.
- 3. Various approaches to forecasting and planning in budgeting.
- 4. Nowcasting, data type, de-trending and seasonal adjustment X11, SEATS, STL
- 5. Models with autoregressive terms and moving averages of random components.
- 6. Hierarchical time series forecasting
- 7. VAR models, their limits for forecasting. Reduced and structural VAR models.
- 8. Dynamic factor models
- 9. Medium-term forecast horizon, ECM model, long-term trends and closing the gap.
- 10. State space representation, Kalman filter.
- 11. IMF GAP model of general equilibrium.
- 12. Evaluation and selection of the model.

HYNDMAN, R.J. — ATHANASOUPULOS, G. Forecasting: Principles and Practice, 3rd ed., 2021

LÜTKEPOHL, H. New introduction to multiple time series analysis. Springer Science & Business Media, 2005.

STOCK, J. H. — WATSON, M. W. Dynamic factor models, factor-augmented vector autoregressions, and structural vector autoregressions in macroeconomics. In: Handbook of macroeconomics. Elsevier, 2016. p. 415-525.

KAMENIK, O. et al. A Small Quarterly Projection Model of the US Economy. International Monetary Fund, 2008.

Syllabus:

Language whose command is required to complete the course: English,

Notes:

Assessment of courses

Total number of evaluated students: 0

A	A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.	.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: doc. Ing. Eduard Nežinský, PhD.

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code:

Title of course: Geografické informačné systémy (v anglickom jazyku)

KVSaRR NHF/ NNG21260/21

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 2 Per course: 26 Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 2.

Degree of study: II.

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: Ing. Oliver Rafaj, PhD., doc. Ing. Štefan Rehák, PhD.

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: Title of course: Green Economy

KSRaP NHF/ NNF21252/21

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 2 Per course: 26 Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 4.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

10% activity

30% course project 60% oral exam

Student workload:

Teaching results:

Knowledge

After completing the course, participants will be able to:

- Define the concept of a green economy and explain its value;
- Describe social, environmental and economic benefits of advancing a green economy;
- Identify enabling conditions for greening national economies;
- Provide examples of successful green economy investments, initiatives and projects;
- Describe national planning processes in support of a green transformation.

Skills

After completing the course, participants will be able to:

- Identify principal challenges and opportunities for greening key economic sectors;
- Recognize the range of international and regional green initiatives and support services to foster green development;

Competencies

After completing the course, participants will be able to:

• Apply the green economy concept to a real world economic, policy and/or personal context.

Indicative content:

The course is focused on different concepts and facets of the green economy, as well as global, national and sector-specific challenges and opportunities to advance low-carbon, resource efficient and socially inclusive development. Students will be provided with practical insights on how to go about developing more sustainable products, using objective and scientific criteria and with examples of success and failure.

- 1. Introduction to a Green Economy: Concepts and Principles
- 2. Enabling Conditions for Advancing a Green Economy
- 3. Greening the Economy: Sectors and Strategies

- 4. Developing a Balanced and Inclusive Green Economy
- 5. International Developments and Support to Advance a Green Economy
- 6. Green Economy and Funding
- 7. Green Jobs and Employment Impacts
- 8. Retraining Workers for the Green Economy
- 9. Promoting Green Jobs: Case Studies
- 10. Green Taxation
- 11. National Strategies for Development of the Green Economy
- 12. Green Economy: Slovak Republic
- 13. Vision for the Future: Pathways to a Sustainable Future

CATO, M. S. 2009. Green Economics: An Introduction to Theory, Policy and Practice. London: Earthscan. ISBN: 978-1-84407-571-3

GEORGESON, L., MASLIN, M. and POESSINOUW, M. 2017. The global green economy: A review of concepts, definitions, measurement methodologies and their interactions. Geo:

Geography and Environment, 4 (1), e00036

EUROPEAN COMMISSION. 2013. Promoting green jobs throughout the crisis: a handbook of best practices in Europe. Luxembourg: Publications Office of the European Union. ISBN 978-92-79-29393-1

UNEP. 2008. Green Jobs: Towards decent work in a sustainable, low-carbon world. Nairobi: United Nations Office. ISBN: 978-92-807-2940-5

OECD. 2012. The jobs potential of a shift towards a low-carbon economy, http://www.oecd.org/employment/emp/50503551.pdf

UNCTAD. 2012. The Road to Rio+20: For a development#led green economy. Issue 3, June 2012

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 11

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
45.45	0.0	0.0	0.0	9.09	0.0	9.09	36.36	0.0	0.0	0.0	0.0

Lecturer: Ing. Roman Klimko, PhD., doc. Ing. Eva Pongrácz, PhD.

Date of the latest change: 25.01.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KET | Title of course: Heterodox Economics

NHF/NNE21223/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 03.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | **Title of course:** Industriálna ekonómia (v anglickom jazyku)

NHF/NND21253/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 2.

Degree of study: II., N

Prerequisites: KET NHF/NNE21008/21-Advanced Microeconomics

Requirements to complete the course:

Evaluation during the semester and homework 40 %

Final exam 60 %

Student workload:

Total study load 156 hours

Lectures 26 hours

Seminars 26 hours

Preparing for seminars and seminar homework 26 hours

Preparing for evaluations during the semester 26 hours

Final exam preparation 52 hours

Teaching results:

Completing the subject student will deepen knowledge about microeconomics with respect to markets and firm strategies in imperfect competition.

The student will understand theoretical models reflecting different market structures and other market characteristics. She/he will know theoretical origins and ways of sustaining and enforcing market power. The student will understand the consequences of market power existence.

Applying theoretical knowledge on seminars through empirical examples and using a real data student will deepen analytical capacities. The student will gain analytical skills directly from working in statistical software Stata and R. She/he will form research question and a set of hypotheses based on theoretical knowledge and empirically test them using micro-data and advanced econometrics.

Indicative content:

- 1. Strategic interactions and game theory
- 2. Decisions with strategic substitutes
- 3. Decisions with strategic complements
- 4. Strategic decisions in a dynamic environment
- 5. Leader-follower model
- 6. Dynamic models of price competition
- 7. Origin of market power
- 8. Vertical differentiation
- 9. Horizontal product differentiation

- 10. Market entry and exit
- 11. Entry in case of product differentiation
- 12. Application of entry models

Support literature:

Belleflamme, Paul, and Martin Peitz. Industrial organization: markets and strategies. Cambridge University Press, 2015.

Pepall, Lynne, Dan Richards, and George Norman. Industrial organization: Contemporary theory and empirical applications. John Wiley & Sons, 2014.

Motta, Massimo. Competition policy: theory and practice. Cambridge University Press, 2004.

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: prof. Ing. Martin Lábaj, PhD., Ing. Richard Kališ, PhD.

Date of the latest change: 17.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KET | **Title of course:** International Economics

NHF/NNE21224/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 3.

Degree of study: I., II., N

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 03.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | Title of course: Labor Economics

NHF/NND21260/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 3.

Degree of study: II.

Prerequisites: KHP NHF/NND21252/21-Applied Econometrics: Policy Evaluation

Requirements to complete the course:

Class activity, Continuous written assignments and final seminar paper 40 %.

Written exam 60 %.

Student workload:

Total study load 156 hours

Of which: Lectures 26 hours, Seminars 26 hours, Preparing for seminars 13 hours, Semester assignment 13 hours, Preparing for evaluations during the semester 26 hours, Final exam preparation 52 hours

Teaching results:

Knowledge

- Using data from the development of labor market in Slovakia and other countries, he acquires theoretical concepts of the labor market performance and statistical reporting on employment and unemployment (LFS)
- The student recognizes the role of human capital and labor migration in the further development of the labor market.

Competence

- The student will get the opportunity to acquire and apply theoretical knowledge from the labor market from real practice examples. Therefore, the student creates links between the theory of labor market with practice.
- He empirically verifies the role of trade unions in the labor market together with the impact of the existence of a minimum wage on labor demand.

Skills

- During the preparation of seminar papers, he develops skills for the formulation of qualitative and quantitative economic analysis in this area.
- The student expands his ability to understand phenomena in the labor market in the context and understands the consequences of income inequality and different remuneration strategies on the performance of employees.

Indicative content:

- 1. Labor supply
- 2. Demand for labor
- 3. LFS database and other datasets used in labor economics.

- 4. Labor migration
- 5. Human capital as factors of long-term development of the labor market
- 6. Labor discrimination and its correction possibilities
- 7. Income inequalities
- 8. Remuneration strategies
- 9. Unemployment Reasoning
- 10. Economic activity rate analysis
- 11. Minimum wage
- 12. Over-qualification as phenomenon in labor market

Support literature:

McLaughlin, K. J. (2017). Labor Economics: Principles in Practice. OUP Catalogue. Borjas, G. J. (2016). Labor Economics (Seventh). New York: The MacGrow-Hill Companies.

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: doc. Ing. Karol Morvay, PhD., Ing. Martin Hudcovský, PhD., doc. Ing. Eva Pongrácz, PhD., Ing. Roman Klimko, PhD.

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | **Title of course:** Macroeconomic Policy Studies

NHF/NND21262/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 4.

Degree of study: II.

Prerequisites: KHP NHF/NND21111/21-Economic Policy

Requirements to complete the course:

20 % continual tasks and activity on seminars, 20 % tests, 60 % final presentation of the selected topic

Student workload:

Total workload: 156 h (participation in lectures 22 h, participation in seminars 22 h, preparation for seminars (continual tasks) 30 h, preparation for tests 34 h, preparation for the exampresentation of selected topic 48 h)

Teaching results:

Knowledge:

- -Students will know the process of deciding on policies and how to choose the applicable measures.
- -Students will understand the consequences of policies and measures as well as the interaction of policies and measures.
- Students will understand the usability and effectiveness of policy measures in a variety of situations, including non-standard ones.

Skills:

- -Emphasis on the ability of students to develop and convincingly communicate their own view of the problem and its solution, to manage the opposition of their presented approach.
- -Students will be able to use relevant data and economic analysis process to support their policy design.

Competences:

- -Students will be able to set measures and policies in the Slovak and EU environment using a available data.
- -Ability to evaluate policies and guide the macroeconomic policy-making process.

Indicative content:

- 1. Macroeconomic models for economic policy evaluation
- 2. Fiscal consolidation in the Slovak Republic and the EU
- 3. Data for decision-making in economic policy, data sources, their delays, quality, revisions
- 4. Disinflation, disinflation costs and the credibility of monetary policy
- 5. Balance of payments and international competitiveness
- 6. The process of creation and practical implementation of budgetary and monetary policy in the Slovak Republic

- 7. The process of creation and implementation of standard and non-standard monetary policies
- 8. EU banking union
- 9. Optimal monetary union and the introduction of the euro in the Slovak Republic
- 10. Distribution of income and assets. Revenue policies
- 11. Optimal taxation, transfers, optimal mix of efficiency and equity
- 12. Determinants of economic growth, endogenous growth, beta and sigma convergence, policies to accelerate long-term growth and convergence

Support literature:

Nicola Acocella: Economic Policy in the Age of Globalization, Cambridge University Press, 2005 – kapitoly 10-20

European Commission: Stability and Growth Pact

Blanchard, Leigh (2013): Growth Forecasts and Fiscal Multipliers, IMF WP 2013/01 Ilezetzki, Mendoza, Vegh (2011): How Big (Small) are Fiscal Multipliers?, IMF WP 2011/52 The course also works with analytical documents, professional articles according to their topicality and connection to the issue. The teacher makes them available to students during the semester, well in advance.

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: doc. Ing. Karol Morvay, PhD., Mgr. Martin Šuster, PhD.

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KET | Title of course: Public Choice Theory

NHF/NNE21207/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 2.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 03.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: Title of course: Public Policy 2

KVSaRR NHF/ NNG21251/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

100 % work:

- 10 % discussion contributions to the literature read (essays) and active participation in seminars.
- 30 % semester essay (assignment)
- 60 % final exam

Student workload:

156 hours:

- 26 hours of participation in lectures,
- 26 hours participation in seminars,
- 52 hours of home regular preparation for seminars study of literature and preparation of discussion papers.
- 26 hours of semester assignment preparation,
- 26 hours of preparation for the final exam.

Teaching results:

The aim of the course is:

expand students' knowledge in the field of public policy making and governance. The course focuses on the essence of public policy making, the links and relationships of individual actors in space, as well as the complexity of these relationships. Compared to the course Public Policy 1, the emphasis is placed not only on the expansion and deepening of theoretical knowledge, but above all on the acquisition and improvement of analytical skills in the evaluation of public policies. These skills will enable students to perceive the impacts of public policies not only in the context of space but also long-term goals - strategic governance.

After completing the course, students will be able to:

- analyze and design public policies using appropriate tools
- assess the impact of public policies by several methods and design mechanisms for their evaluation
- perceive and design public policies in the broader context of strategic governance
- understand the concept of value for money

The student is able to use knowledge, skills and personal, social and / or methodological abilities in work or study situations and in professional and personal development (eg in a comprehensive

analysis and evaluation of specific public policies, their design, etc. at various levels of government and in the system multi level governance).

Indicative content:

- 1. The societal context of public policies
- 2. Creation and implementation of public policy, public policy as a process
- 3. Public policy actors
- 4. Public policy instruments
- 5. Outputs vs. Outcomes
- 6. Public Policy Analysis (process)
- 7. Public Policy Analysis (methods)
- 8. Public Policy Evaluation (process)
- 9. Public Policy Evaluation (methods)
- 10. Impact of public policies Regulatory Impact Assessment
- 11. Value for money concept
- 12. Strategic governance

Support literature:

Core:

- Salamon, Lester M. (ed). 2002 The Tools of Government: A Guide to the New Governance. Oxford University Press. ISBN 9780195136654
- Dunn, W. N.(2017): Public Policy Analysis. An Integrated Approach. Routledge. ISBN 9781138743847

Recommended:

• Moran, M.; Rein, M.; Goodin, R. E. (2008) The Oxford Handbook of Public Policy, Oxford: OUP.

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	C	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: Ing. Mgr. Tomáš Černěnko, PhD., Tomáš Jacko, PhD.

Date of the latest change: 18.02.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: Title of course: Quality of life

KSRaP NHF/ NNF21254/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1.

Degree of study: II., N

Prerequisites:

Requirements to complete the course:

Final test: 70% Middle test: 10%

Preparation of semester work in Power Point: 10%

Presentation of semester work: 10%

Student workload:

Teaching results:

By attending this course, students will acquire the following professional competencies in the field of quality of life and the possibilities of its formation:

- 1. They will have an overview of problems in the theory and methodology of the quality of life as well as they will know level of the quality of life in the Slovak Republic, EU countries, or selected countries and will know what tools can be used to form it.
- 2. They will gain information about the new concept of the social quality and its relationship to the quality of life, they will have knowledge of its individual components, which are conditional factors, constitutional factors and normative factors, and they will know how it can be implemented.
- 3. They will learn to perceive the quality of life as a global phenomenon, which includes the living standards, the way of life, the value orientations, the quality of working life, etc., they will be able to respect the development rules of individual components and their interconnectedness in its formation.
- 4. They will gain knowledge about consumer models of the quality of life, evolution of the living standard and ways to measure it and will be able to use this knowledge in the process of forming the socio-economic conditions of our society.
- 5. They will be able to assess the strengths and weaknesses of the transformation process and identify changes in the quality of life in the intentions of the learning society, the knowledge society, the creative society and gain skills for their management (implementation) at the organizational level
- 6. They will gain information about the way of life and lifestyle and approaches to quantify them, and at the same time they will gain skills for their formation at the national level.
- 7. They will be able to perceive the importance of values and value orientations in shaping the quality of life and will be aware of the need for changes in the social structure.

- 8. They will deepen their skills in field of the quality of working life and acquire skills in the implementation of the social quality at the organizational level.
- 9. They will gain an overview of the processes of industrialization as well as the main directions in the quality of life, which they will be able to use in its formation at the macro level.
- 10. They will gain the ability to harmonize differences in quality of life at the regional level. They will increase the following knowledge:
- 1. They will give information about the new concept of the social quality and its relation to the quality of life.
- 2. They will learn to perceive the quality of life as a global phenomenon, which includes other subcategories as: living standard, lifestyle, value systems, quality of working life, over work time and leisure time.
- 3. Students acquire knowledge about patterns of consumption, evolution of the standard of living and also approach to measure it.
- 4. They will be able to assess the strengths and weaknesses of the transformation process and to identify changes in quality of life.
- 5. They obtain information about way of life and lifestyle and their quantification.
- 6. They will be able to perceive the importance of values and value orientations in process of forming the quality of life and will know the tendencies in changes of the social structure.
- 7. Will deepen their knowledge of the quality of working life and receive information about implementation of the social quality on the level of organization.
- 8. Will gain insight into the processes of industrialization as well as the main changes in the quality of life.
- 9. Will obtain own opinion to the regional disparities in the quality of life at the regional level. They will gain the following skills:
- 1. Students will strengthen their skills in making theoretical and methodological framework as well as applying of primary and secondary analysis from individual parts of the quality of life (the standard of living, the way of life, the value orientations, the quality of working life).
- 2. They will be able to consider world trends in quality of life and their positives and negatives.
- 3. They will gain experiences in solving problems of the quality of life in which they will be able to apply acquired skills in developing people, of the strategic management as well as the management of change.

Indicative content:

The goal of course is to gain for students the professional competencies in the field of theory, methodology and empiricism of the quality of life and have enough skills to form this phenomenon, with respecting of the fundamental principles and connections. To know the structure of the quality of life and its motivational function within the context of the socio-economic development. Also to deepen abilities to perceive the complex of this phenomenon, also in the frame of globalization and first of all in relation to the social quality.

Students:

- 1. Will gain abilities necessary for a deeper perception of the quality of life, its individual structural elements and determinants, on international, national and regional levels. They will be able to create your own as well as theoretical and methodological framework of the phenomenon and analyze it in chronological form.
- 2. Will get to know about new form of society, which is the social quality, they will know its structural components, which are conditional, constitutional and normative factors, and they will have an overview of its formation and implementation (management) in individual EU countries.
- 3. They gain insight on the living standards, structure of needs and forms of their saturation.
- 4. They will pay more attention to the value orientation of population and also to way of their creation.

- 5. Will evaluate the quality of life in the three spheres: the work, the over work time and the leisure time, as well as in regional disparities.
- 6. Will have the ability to create a systemic approach to the quality of working life and will be able to apply its identification and operationalization at the macro level as well as in specific organizations and institutions.
- 7. Will also consider the way of life and lifestyle of selected groups of population and judge the quality of whole process at macrolevel.
- 8. Will have an overview of the transformation process in Slovakia from a central economy to a social market economy.
- 9. Will get information about megatrends in the quality of life and about the consequences of individual waves of civilization according to H. Toffler and A. Toffler.
- 10. Will get acquainted with various forms of the social structures in society and with various forms of their social inequalities.
- 11. Will reconsider the perception of globalization and its impact on the quality of life today.
- 12. Will know about the specific features of the quality of life in the learning society, the knowledge society, the creative society and the processes of their formation and management.

During the seminars, they will address specific components and areas of the quality of life with emphasis on their empirical basis. Within the seminars, there will be applied new methods of education, such as case studies, exercises to solve methodological frameworks of the quality of life or specific problems in the Slovak Republic, the EU, or in the world. Students will be acquainted with the traditions, customs of individual regions of Slovakia and EU countries.

Support literature:

- 1. ANTALOVÁ, M. LALUHA, I. PŘÍVARA, A. 2013. Kvalita života. Bratislava : Vydavateľstvo EKONÓM, 2013. ISBN 978-80-225-3596-0.
- 2. ANTALOVÁ, M. BEDNÁRIK, R. LALUHA, I. TKÁČIKOVÁ, J. 2010. Kvalita života. Teória, metodológia, empíria. Bratislava : Vydavateľstvo EKONÓM, 2010. ISBN 978-80-225-3043-9.
- 3. ANTALOVÁ, M. 2010. Sociálna kvalita a kvalita pracovného života. Bratislava : Vydavateľstvo EKONÓM, 2010. ISBN 978-80-225-3088-0.
- 4. LALUHA, I. 2010. Kvalita života. In Stanek, V, a kol.

Sociálna politika, Bratislava: Sprint, 2010. ISBN 978-. 92-79-14884-2.

- 5. NAISBITT, J. ABURDENOVÁ, P. 1992. Megatrendy 2000. Bratislava : Bradlo, 1992. ISBN 8071270504
- 6. TOFFLER, A. TOFFLEROVÁ, H.1996. Utváranie novej civilizácie. Bratislava : Open Windows, 1996. ISBN 80-85741-15-6.

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: doc. PhDr. Mária Antalová, PhD., Ing. Roman Klimko, PhD., Ing. Michaela Milena Schubertová, PhD.

Date of the latest change: 25.01.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: Title of course:

Title of course: Regional geography of Slovakia

KVSaRR NHF/ NNG21261/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 2.

Degree of study: II.

Prerequisites:

Requirements to complete the course:

Written work, mid-term tests

Written exam

Lectures:

activity in lectures 10%

results of semester test 10%

final written exam 40%

Seminars:

activity in seminars 10%

elaboration of seminar paper 10%

final written test 20%

Student workload:

Teaching results:

The aim of the course is to provide students with basic knowledge of regional geography of Slovakia. The main emphasis is placed on natural potential, demographic peculiarities, structure and location of individual industries, characteristics of agricultural production areas and structure of transport network. Special attention is paid to the regional development of tourism in Slovakia. - ability to assess the natural potential of the SR and its use in agriculture and tourism - ability to estimate demographic development in the regions of Slovakia and changes in the settlement structure of Slovakia - to be able to consider the inflow of FDI into selected branches of industry

Indicative content:

Slovak Republic - importance of location, area and distribution of resources of natural sphere in forming territorial organization of economic potential. Population development, vitality index and unemployment problems. Settlement structure and geographical types of settlements. Location of key sectors of the Slovak industry and its regional differences. Country potential as a prerequisite for the development of agriculture and agricultural production areas. Transport Infrastructure of the Slovak Republic. Foreign trade of the Slovak Republic. Tourism as a positive factor in the development of regions of Slovakia.

Support literature:

Basic:

MIŠÚNOVÁ, Ema, MIŠÚN, Juraj: Priemysel SR a dopady globálnej krízy. Espirit, s.r.o. Bratislava, 2009. ISBN 978-80-970202-2-4

Recommended:

- 1. VLČKOVÁ, Viera IVANIČKOVÁ, Alžbeta. Obyvateľstvo a urbánna dimenzia formovania ľudského kapitálu. Bratislava : Vydavateľstvo EKONÓM, 2009. 164 s. [9,884 AH]. VEGA 1/4643/07. ISBN 978-80-225-2852-8.
- 2. MLÁDEK, Jozef: Demografia Slovenska, Bratislava, 1998, Univerzita Komeského.
- 3. DUBCOVÁ, Alena LAUKO Viliam Viliam: Geografia Slovenska, Univerzita Konštantína filozofa NITRA, 2008 ISBN 978-80-8094-422-3

Syllabus:

Language whose command is required to complete the course:

English, Slovak

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: Ing. Valéria Némethová, PhD.

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | **Title of course:** Seminar to Final Thesis DP1

NHF/NND21255/21

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 2 Per course: 26 Method of study: present

Number of credits: 2

Recommended semester/trimester of study: 3.

Degree of study: II.

Prerequisites:

Requirements to complete the course:

individual work, written project-work of Final Thesis, credits

Student workload:

52 hours

participation in seminars: 26 hours

processing prescribed tasks by the supervisor of Final Thesis: 26 hours

Teaching results:

By completing the Seminar to Final Thesis DP1 is student able to:

- gather, process and interpret professional and scientific literature
- clarify/define research problems
- present creative procedures and solutions in the field of comprehensive research problems

Indicative content:

- processing of professional and scientific literature in the field of final thesis research and its interpretation
- writing the final thesis framework/structure chapters and subchapters
- defining the research problems and hypothesis
- choosing the processing methods of the final thesis
- time arrangement of each part of the final thesis

Support literature:

according to the specified final thesis theme

Syllabus:

Language whose command is required to complete the course:

Slovak, English

Notes:

Assessment of courses

Total number of evaluated students: 0

ABS	NZ	Z
0.0	0.0	0.0

Lecturer:

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | **Title of course:** Seminar to Final Thesis DP2

NHF/NND21256/21

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 2 Per course: 26 Method of study: present

Number of credits: 2

Recommended semester/trimester of study: 4.

Degree of study: II.

Prerequisites:

Requirements to complete the course:

individual work, written project-work of Final Thesis, credits

Student workload:

total: 52 hours

participation in seminars: 26 hours

processing prescribed tasks by the supervisor of Final Thesis: 26 hours

Teaching results:

By completing the Seminar to Final Thesis DP2 is student able to:

- improve gained theoretical knowledge for solution of the comprehensive scientific problems
- apply appropriate methods in solution of the comprehensive scientific tasks
- define research conclusions and recommendations/statements
- declare stylistic ability necessary for writing the professional/scientific text

Indicative content:

Regular processing of relevant parts/chapters of the final thesis under the supervisor's guidance and recommendation, in accordance with Academic Regulation of EU in Bratislava on Final and Habilitation Theses.

Support literature:

according to the specified final thesis theme

Syllabus:

Language whose command is required to complete the course:

English, Slovak

Notes:

Assessment of courses

Total number of evaluated students: 0

ABS	NZ	Z
0.0	0.0	0.0

Lecturer:

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP | **Title of course:** Structural Interdependencies in the Economy

NHF/NND21258/21

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 4 Per course: 52 Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 3.

Degree of study: II.

Prerequisites: KHP NHF/NND21253/21-Industriálna ekonómia (v anglickom jazyku)

Requirements to complete the course:

20 % - active participation in seminars, assignments

20 % - homework and presenting of results

60 % - midterm and final test

Student workload:

156 hours out of which: seminar attendance 26 h, preparation for seminars 26 h, assignments 52 h, studying for tests 52 h

Teaching results:

Knowledge

After completing this course, students should master a specific analytical method, namely the structural input-output model, not only in its basic but also an extended version. They will be able to analyse empirical data from input-output tables (national and world input-output tables) and quantify the direct and indirect effects of individual sectors of the national economy.

Skills

Students will acquire advanced analytical skills by working with larger datasets, which they will be able to process and evaluate using the Matlab software programme. They will get to know the basic environment of this programme and will be able to create simple commands, load data, perform basic operations with matrices and vectors and export results. Also, they will be able to use these skills in constructing simple but also multi-regional input-output models.

Competences

At the same time, they should be able to understand scientific input-output studies and conduct a structural analysis of a selected topic. An example could be an analysis of the importance of a selected sector for the economy or the complex effects of foreign trade between countries, demonstrating their ability to identify key conclusions. They will be able to present this analysis professionally and clearly using modern means of communication, even in a foreign language.

Indicative content:

Lectures focused on the development of theoretical knowledge in the following topics and seminars with an emphasis on practicing related practical skills:

- 1. Introduction and the explanation of supply-and-use tables.
- 2. Symmetric input-output tables (WIOD database, OECD, Eurostat). Industry-Based and Commodity-Based technologies approach to the supply and use table balancing.

- 3. Leontief model. Explanation of the elements of the Leontief inverse matrix.
- 4. Extended Leontief model with employment and value-added effects.
- 5. Production, value added, imports and employment multipliers.
- 6. Structural decomposition analysis.
- 7. Multiregional input-output tables. Global value chains.
- 8. Aggregation matrices in the context of world input-output tables (WIOT from the WIOD database).
- 9. Trade in Value-Added indicators (so-called TiVA indicators published by the OECD) and their empirical applications.
- 10. Impact analyses focused on structural interdependencies in the economy (e.g., evaluation of the importance of a selected industry for the economies of certain countries).
- 11. Practicing presentation skills using selected impact analysis.
- 12. Practicing presentation skills using selected impact analysis.

Support literature:

Miller, R.E. – Blair, P.D. 2009. Input-output Analysis: Foundations and Extensions. 2nd edition. Cambridge University Press, 2009.

Syllabus:

Language whose command is required to complete the course:

English, Slovak

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: prof. Ing. Martin Lábaj, PhD., Ing. Erika Majzlíková, PhD.

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: Title of course: Urban Economics and Planning

KVSaRR NHF/ NNG21257/21

Type, load and method of teaching activities:

Form of course: Lecture / Practical

Recommended load of course (number of lessons):

Per week: 2 / 2 **Per course:** 26 / 26

Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 3.

Degree of study: II.

Prerequisites:

Requirements to complete the course:

individual work, mid term tests

written / combined exam

20 % quality and presentation of term paper

10 % result of the mid term written examination

10 % activity during seminars

60 % result of the final exam

Student workload:

Student workload 156 hours (participation in lectures 26 h, participation in seminars 26 h, preparation for seminars 13 h, elaboration of seminar work 13 h, preparation for a mid term written exam 26 h, preparation for a final exam 52 h)

Teaching results:

Knowledge - By completing the course the student will understand the economic principles behind the growth and development of cities, common social and economic problems in cities and the possibilities of public policy to influence economic processes in cities.

Skills - The graduate will be able to perform selected economic analyzes, e.g. analysis of the size structure of cities, analysis of the structure of land use, analysis of the choice of mode of transport in the city, analysis of real estate prices with hedonic models. The graduate will acquire analytical skills through stylized examples and with the use of real data.

Competences - The graduate will have an overview of basic data sources for individual economic analyzes. Using the acquired knowledge and skills, he will be able to analyze selected social and economic problems of cities and identify appropriate economic tools to solve them.

Indicative content:

Indicative content:

The first part deals with the economic laws of origin and economic growth of cities. The second part focuses on the analysis of land use in the city together with the economic laws in the background of real estate prices in the city. The third part deals with the basic problems related to transport, housing, crime, education and the role of local government in influencing these economic processes.

- 1. Economic background of the existence of cities.
- 2. Localization and urbanization economies.

- 3. City size and settlement system of cities.
- 4. Economic structure of the city and land prices firms.
- 5. Economic structure of the city and land prices households.
- 6. Households and public goods. Neighborhood choice.
- 7. Public transportation in the city.
- 8. Education.
- 9. Real estate market. Hedonic model of real estate prices.
- 10. Housing. Filtering model in the housing market.
- 11. Local government. Local taxes.
- 12. Urban planning. City zoning.

Support literature:

- 1. O Sullivan, A. (2009). Urban Economics. McGrawHill, New York
- 2. McDonald, J. F., & McMillen, D. P. (2010). Urban economics and real estate: theory and policy. John Wiley & Sons.

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated students: 0

A	ABS	ABSP	В	С	D	Е	FX	NBSP	NEABS	np	p
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer: Ing. Oliver Rafaj, PhD.

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KVSaRR NHF/

NNG21259/21

Title of course: Vocational Training and Research Activity

Type, load and method of teaching activities:

Form of course: Practical

Recommended load of course (number of lessons):

Per week: 2 Per course: 26 Method of study: present

Number of credits: 3

Recommended semester/trimester of study:

Degree of study: II.

Prerequisites:

Requirements to complete the course:

- confirmation of completion of apprenticeship in relevant organization
- preparation of final report from apprenticeship

Student workload:

78 hours (participation at the apprenticeship in the organisation 65 h, processing final report from the apprenticeship 13 h)

Teaching results:

The aim of the course is to expand and deepen the theoretical knowledge of students acquired during their studies and supplement them with experience and competencies (teamwork, time management, responsibility for results) acquired in a real work environment.

After completing the course, students will be able to:

- apply theoretical knowledge acquired during their studies at the Faculty of Economics of the EU in Bratislava in economic practice
- work in a team
- better manage your working time needed to process assigned tasks

The student is able to use knowledge, skills and personal, social and / or methodological abilities in work situations when working on time, managing one's own working time and personal development.

Indicative content:

Students will become familiar with working conditions and related internal regulations in the selected organization. They will learn to orient in social norms and relationships in the workplace. They will gain practical experience with work performance in the selected job position.

Support literature:

Syllabus:

Language whose command is required to complete the course:

English

Notes:

Assessment of courses

Total number of evaluated stude	otal number of evaluated students: 0						
ABS	NZ	Z					
0.0	0.0	0.0					

Lecturer: Ing. Richard Kališ, PhD.

Date of the latest change: 04.03.2022

University: University of Economics in Bratislava

Faculty: Faculty of Economics and Finance

Course code: KHP **Title of course:** Štátna skúška (v anglickom jazyku)

NHF/NND21266/21

Type, load and method of teaching activities:

Form of course:

Recommended load of course (number of lessons):

Per week: Per course: Method of study: present

Number of credits: 10

Recommended semester/trimester of study:

Degree of study: II.

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 0

A	В	С	D	Е	FX	np	npr	р	pr
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lecturer:

Date of the latest change: 04.03.2022