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## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> The Faculty of Economics			
<b>Code:</b> D_2_APB_cupv	<b>Course name:</b> Akadémia podnikania BASIC		
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined			
<b>Number of credits:</b> 4			
<b>Recommended semester/trimester:</b> 1., 3.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 8			
abs	n	p	v
100.0	0.0	0.0	0.0
<b>Instructor:</b> Ing. Lenka Theodoulides, PhD., MBA			
<b>Last changed:</b> 15.07.2024			
<b>Approved by:</b> prof. Ing. Hussam Musa, PhD.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica			
<b>Faculty:</b> The Faculty of Economics			
<b>Code:</b> D_2_APE_cupv	<b>Course name:</b> Akadémia podnikania EXPERT		
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined			
<b>Number of credits:</b> 4			
<b>Recommended semester/trimester:</b> 2., 4.			
<b>Level:</b> II.			
<b>Prerequisites:</b>			
<b>Course completion conditions:</b>			
<b>Learning objectives:</b>			
<b>Brief outline of the course:</b>			
<b>Recommended literature:</b>			
<b>Language of instruction:</b>			
<b>Notes:student time load:</b>			
<b>Course assessment</b> The final number of assessed students: 0			
abs	n	p	v
0.0	0.0	0.0	0.0
<b>Instructor:</b> Ing. Lenka Theodoulides, PhD., MBA			
<b>Last changed:</b> 15.07.2024			
<b>Approved by:</b> prof. Ing. Hussam Musa, PhD.			

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_AI-aj	<b>Course name:</b> Alternative Investment
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 13 <b>Method of study:</b> combined	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester:</b> 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: - continuous test: 50% b) final evaluation: - final test: 50%	
<b>Learning objectives:</b> After completing the course, student: 1. become familiar with individual asset classes and investment opportunities in the alternative investment market and the foreign exchange market, recognize the riskiness of individual investment asset classes and also be able to identify and describe current trends in the field of alternative investment and trading in the foreign exchange market, 2. become familiar with the possibilities and forms of executing and placing trade orders for the purchase and sale of individual financial instruments in the field of alternative investment and the foreign exchange market, 3. analyse the impact of macro and micro indicators on the development of individual sectors of the alternative investment market (real estate market, precious metals, cryptocurrencies, etc.) and the foreign exchange market itself, including their critical assessment, 4. will acquire an overview of the functioning of domestic and foreign alternative investment and foreign exchange markets, domestic and foreign regulation at the level of the system and financial products, and an overview of the taxation of alternative investment and foreign exchange market returns, 5. become familiar with methods and procedures aimed at measuring the performance and riskiness of investments, including the basic sources of data necessary for analysing the market for alternative investments and the foreign exchange market in practice with regard to the use of these financial instruments in the construction of individual portfolios, 6. is able to create an individual portfolio based on the acquired methods and procedures.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b> 1. GRAHAM, B. 2021. Intelligent Investor: The Classic Text on Value Investing. New York, United States: HarperCollins Publishers Inc. 304 s. ISBN 978-00-607-5261-3.	

2. ANTONOPOULOS, A. 2014. Mastering Bitcoin: Unlocking digital cryptocurrencies. Sebastopol: O'Reilly Media. 298 s. ISBN 978-1-449-37404- 4
3. ANTONOPOULOS, A., WOOD, G. 2018. Mastering Ethereum: Building Smart Contracts and DApps. Sebastopol: O'Reilly Media. 424 s. ISBN 978-1-491-97194-9
4. COFNAS, A. 2015. The Forex Trading Course : A Self-Study Guide to Becoming a Successful Currency Trader 2nd Edition. New York, United States: John Wiley & Sons Inc. 240 s. ISBN 978-11-189-9865-6.
5. LIM, M. A. 2015. The Handbook of Technical Analysis + Test Bank: The Practitioner's Comprehensive Guide to Technical Analysis 1st Edition. New York, United States: John Wiley & Sons Inc. 978 s. ISBN 978-11-184-9891-0.
6. SWAN, M. 2015. Blockchain: Blueprint for a new economy. Sebastopol: O'Reilly Media. 130 s. ISBN 978-1-491-92049-7.
7. YANG, H. 2019. Bitcoin tutorials – Herong’s Tutorial Examples. Morrisville: Lulu Press. 234 s. ISBN 978-1-387-96297-6.
8. LAU, D. et al. 2021. How to DeFi: Beginner 2nd Edition. CoinGecko: Independently published. ISBN 979-85-3040-843-4.
9. FANG, L., HOR, B., AZMI, E., WIN, K. W. 2021. How to DeFi: Advanced 1s Edition. CoinGecko: Independently published. ISBN 979-85-3031-844-3.
10. BRUNEL, J. L. P. 2015. Goals-Based Wealth Management: An Integrated and Practical Approach to Changing the Structure of Wealth Advisory Practices. USA, New York: John Wiley & Sons Inc. ISBN 978-1-118-99590-7.
11. CHAMBERS, D. R., ANSON, M. J. P., BLACK, K. H., KAZEMI, H. B. 2020. Alternative Investments: CAIA LEVEL I. New York, USA: John Wiley & Sons Inc. ISBN 978-11-1960-414-3.
12. CFA INSTITUTE. 2020. Quantitative investment analysis, 4th Edition. CFA Institute Investment Series. New York, USA: John Wiley & Sons Inc. ISBN 978-1-119-74364-4.
13. ZEISBERGER, C., PRAHL, M., WHITE, B. 2017. Mastering Private Equity: Transformation via Venture Capital, Minority Investments and Buyouts. New York, United States: John Wiley & Sons Inc. 368 s. ISBN 978-11-193-2797-4.
14. GOMPERS, P., IVASHINA, V., RUBACK, R. 2019. Private Equity: A Casebook. London, United Kingdom: Anthem Press. s. 888. ISBN 978-17-830-8916-1.
15. JAMES, T. 2016. Commodity Market Trading and Investment : A Practitioners Guide to the Markets. Basingstoke, United Kingdom: Palgrave Macmillan. s. 244. ISBN 978-11-374-3280-3.
16. ROCORONI, A., FUSAI, G., CUMMINS, M. 2015. Handbook of Multi-Commodity Markets and Products : Structuring, Trading and Risk Management. New York, United States: John Wiley & Sons Inc. s. 1064. ISBN 978-04-707-4524-3
17. SCHOFIELD, N. C. 2021. Commodity Derivatives: Markets and Applications: Markets and Applications. New York, United States: John Wiley & Sons Inc. s 544. ISBN 978-11-193-4910-5.
18. BAUM, A. 2015. Real Estate Investment: A Strategic Approach. London, United Kingdom: Taylor & Francis, Ltd (Routledge). 3rd New Edition. s. 312. ISBN 978-04-157-4161-3.
19. BLOCK, R. L. 2011. Investing in REITs : Real Estate Investment Trusts. New York, United States: John Wiley & Sons Inc. 4th Edition. s. 448. ISBN 978-11-180-0445-6.
20. KREWSON-KELLY, S, MUELLER, G. R., FRANKEL, M. S., SCHNURE, C. 2020. Educated REIT Investing : The Ultimate Guide to Understanding and Investing in Real Estate Investment Trusts. New York, United States: John Wiley & Sons Inc. s. 304. ISBN 978-11-197-0869-8.
21. DONNELLY, B. 2019. The Art of Currency Trading : A Professional's Guide to the Foreign Exchange Market. New York, United States: John Wiley & Sons Inc. 1. vydanie. s. 416. ISBN 978-11-195-8355-4.

22. CHAMBERS, D. R., BLACK, K. H., LACEY, N. J. 2018. Alternative Investments: A Primer For Investment Professionals. CFA Institute Research Foundations. s. 183. ISBN 978-1-944960-37-7. Dostupné na internete: <https://www.cfainstitute.org/-/media/documents/book/rf-publication/2018/rf-v2018-n1-1.ashx>

23. GRAHAM, B., DODD, D. 2020. Security Analysis: Sixth Edition, Foreword by Warren Buffet. New York, United States: McGraw-Hill Education - Europe. s. 700. ISBN 978-00-715-9253-6.

**Language of instruction:**

English

**Notes:student time load:**

150 hours, out of which:

- combined form (Lecture, Seminar, Consultation): 39 hours (2/1)

- self-study: 111 hours

**Course assessment**

The final number of assessed students: 16

A	B	C	D	E	FX
12.5	37.5	6.25	18.75	25.0	0.0

**Instructor:** prof. Ing. Peter Krištofik, Ph.D., Ing. Michal Mešťan, PhD.

**Last changed:** 18.01.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_ApStatR	<b>Course name:</b> Applied Statistics in R System
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) Regular term: Practical exam - 100 points The student will receive a maximum of 100 points for the practical exam in the form of the assigned analysis in due time to complete the course. With the practical exam, the student demonstrates the acquisition of knowledge provided in the course. To successfully pass the course in due time, the student needs to obtain at least 65 points of the overall evaluation. b) Correction term: A student who does not meet the conditions for successful completion of the course in due time, in the corrective term for the completion of study obligations will pass a corrective practical exam, for which he can obtain a maximum of 100 points of the overall evaluation. To successfully complete the course in the correction period, the student needs to obtain at least 65 points of the overall evaluation. During the practical exam in the regular or corrective term, the student is allowed to use any available study materials, or work with information from the Internet.	
<b>Learning objectives:</b> -knowledge: The student will be acquainted with the basics of the statistical system R, with the basics of the syntax of the R language and basic pre-programmed commands. He will be able to process data, visualize them and learn about the possibilities of finding patterns and contexts in the data. Student will learn the theoretical and practical background of supervised and unsupervised models. -skills: The student is able to apply the acquired knowledge in solving specific practical tasks focused on economic practice. Can visualize and graphically present data. Can assess the suitability of selected tools, interpret the results and evaluate the accuracy of statistical procedures. -competence: The student will be able to edit and process data in the statistical system R, will be able to create mathematical-statistical models in this system, will be able to interpret, analyze and present the results.	
<b>Brief outline of the course:</b> Introduction to R. Basics of programming in R. Data sources and their graphic presentation. Basic statistical procedures in R (probability distributions, regressions, linear models, time series, prediction models and models without a teacher). Application of the R program in measuring credit risk.	



**Recommended literature:**

1. DALGAARD, P. 2008. Introductory Statistics with R. 2. Vyd. New York : Springer, 2008. ISBN 978-0-387-79053-4.
2. JAMES, G., HASTIE, T., TIBSHIRANI, R., WITTEN, D. 2013. An introduction to statistical learning with applications in R, New York : Springer, 425 s., ISBN 978-1-4614-7137-0. (dostupné online)
3. R CORE TEAM 2016. R: a language and environment for statistical computing. Vienna : R Foundation for Statistical Computing. <http://www.r-project.org>
4. TEETOR, P. 2011. 2011. R cookbook. Sebastopol (CA) : O'Reilly Media. ISBN 978-0596809157.
5. VENABLES, W. N., RIPLEY, B. D. 2002. Modern applied statistics with S. 4. Vyd. New York : Springer, 2002. ISBN 0-387-95457-0.
6. VERZANI, J. 2005. Using R for Introductory Statistics. Boca Raton (Florida) : Chapman & Hall/CRC, 2005. ISBN 1-584-88450-9.
7. VIRTUÁLNA UNIVERZITA MATEJA BELA 2021. Aplikovaná štatistika v systéme R (predpripravené skripty, tutoriály a videonávody). Banská Bystrica: Univerzita Mateja Bela v Banskej Bystrici. Dostupné na internete: <https://lms.umb.sk>

**Language of instruction:**

slovak, english

**Notes:student time load:**

120 hours, out of which  
Combined study (Lectures, Seminars, Consultations): 26  
Self-study: 94

**Course assessment**

The final number of assessed students: 16

A	B	C	D	E	FX
56.25	6.25	12.5	18.75	6.25	0.0

**Instructor:** Mgr. Mária Stachová, PhD.

**Last changed:** 07.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_OR-aj	<b>Course name:</b> Business Negotiations (in English)
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> <b>a) continuous assessment:</b> seminar paper: 15 points presentation on the topic of business negotiation: 15 points <b>b) final assessment:</b> preparation and presentation of a simulated business negotiation: 30 points test: 40 points	
<b>Learning objectives:</b> After the completion of the course, the student can: 1. use acquired knowledge and skills in negotiation, 2. draw up the agenda for a negotiation, 3. conduct a discussion, listen actively and ask effective questions, 4. present arguments for persuading the other party, 5. solve conflicts and handle breakdowns, 6. make and respond to proposals, 7. use different negotiating styles, strategies and tactics, 8. summarize the results of negotiation.	
<b>Brief outline of the course:</b> Definition of negotiation. Intercultural aspects of negotiation. Strategies, tactics and styles in business negotiation. The principal stages of a formal negotiation. Relationship-building. Putting together a team for an international negotiation. Starting the negotiation – small talk. Setting objectives, drawing up the agenda, timing, procedure, establishing positions and exploring interests. Making and responding to proposals. Body language. Bargaining – exerting pressure, making concessions and attaching conditions. Persuasive tactics and responding to pressure tactics. Non-ethical negotiating tactics. Options for dealing with problems and conflicts. Conclusion and follow-up actions. The individual stages of negotiation are practised in the form of role-plays and the final output is a team presentation of a complex simulated business negotiation.	
<b>Recommended literature:</b> 1. POWELL, M. 2012. International Negotiations. Cambridge : Cambridge University Press 2012. ISBN 978-0-521-14992-1.	

2. COMFORT, J. 1998. Effective Negotiating. Oxford : Oxford University Press 1998. ISBN 0-19-457247-1.
3. HILTROP, J. M., UDALL, S. 1995. The Essence of Negotiation. London : Prentice Hall 1995. ISBN 0-13-349895-6.
4. GROSSMANOVÁ, M. 2010. Obchodné rokovania v angličtine. Sprint dva 2010. ISBN 978-80-89393-23-7.
5. NIERENBERG, G. I., CALERO, H. H. 2009. The New Art of Negotiating. Square One Publishers 2009. ISBN 978-0-7570-00305-9.
6. NIERENBERG, G. I., CALERO, H. H., GRAYSON, G. 2001. How to Read a Person Like a Book. Barnes and Noble Digital. ISBN 1-4014—0192-9.
7. CHORVÁT, J., TEREMOVÁ, M. 2003. Our Approach to Teaching Business Negotiations. In: Acta linguistica N° 5, Ekonomická fakulta Univerzity Mateja Bela. Banská Bystrica 2003, 100 – 104. ISBN 80-8055-825-6.

**Language of instruction:**

English

**Notes:student time load:**

90 hours

combined study (lectures, seminars, consultations): 26

self-study: 44

assignments: 20

**Course assessment**

The final number of assessed students: 49

A	B	C	D	E	FX
20.41	22.45	22.45	22.45	6.12	6.12

**Instructor:** M.A. David Cole, PhD.

**Last changed:** 07.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica					
<b>Faculty:</b> The Faculty of Economics					
<b>Code:</b> D_2_SEPvSAP		<b>Course name:</b> Business Process Management with SAP			
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined					
<b>Number of credits:</b> 4					
<b>Recommended semester/trimester:</b> 2.					
<b>Level:</b> II.					
<b>Prerequisites:</b>					
<b>Course completion conditions:</b>					
<b>Learning objectives:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Language of instruction:</b>					
<b>Notes:student time load:</b>					
<b>Course assessment</b> The final number of assessed students: 21					
A	B	C	D	E	FX
66.67	19.05	0.0	9.52	4.76	0.0
<b>Instructor:</b> Ing. Igor Kollár, PhD.					
<b>Last changed:</b> 09.04.2024					
<b>Approved by:</b> prof. Ing. Hussam Musa, PhD.					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_B_on_line	<b>Course name:</b> Business on-line
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> Final assessment is based on tasks, test, and final project. <b>a) continuous assessment:</b> tasks 0-30, test: 0-30 <b>b) final assessment:</b> final assessment: project: 0-40	
<b>Learning objectives:</b> After successful completion of the course, student can: 1. create web pages for chosen company applying website usability principals (simplicity, speed, design,...) 2. judge the individual services offered to companies in this field (webhosting, web design, web applications development) and understand their importance, compare their value for a particular company or project, including their economic demands, 3. use the acquired knowledge about the internet technology for solving practically oriented tasks during seminars focused at publishing on the internet.	
<b>Brief outline of the course:</b> Internet and its services, basic concepts, characteristics of the used technology, their importance and economic demands. The use of the internet services in the economic practice. Catalogue and fulltext data search. Creation of web pages. Basics of design and usability (easy navigation). Principles and options for web graphics creation. Basics of the HTML, CSS and CMS. Registration and publication of the created web presentation at a publicly accessible server. Administration and updating of the company website. Publishing on the internet, webhosting, domains, price demands and conditions. Basics of Search Engine Optimization (SEO).	
<b>Recommended literature:</b> 1. LACO, P. 2018. Hodnotenie podnikových internetových stránok. Belianum – vydavateľstvo UMB, 124 s. ISBN 978-80-557-1524-7 2. KOLLÁR, I., LACO, P. 2017. Podnikové internetové aplikácie. Belianum - vydavateľstvo UMB, 100 s. ISBN 978-80-557-1183-6. 3. Internet standards published on official World Wide Web Consortium website: www.w3c.org.	

4. Official on-line tutorials: <a href="http://www.w3schools.com">www.w3schools.com</a> .					
<b>Language of instruction:</b> slovak					
<b>Notes:student time load:</b> 90 hours combined study: S: 26 self-study: 24 tasks during seminars: 20 project preparation: 20					
<b>Course assessment</b> The final number of assessed students: 104					
A	B	C	D	E	FX
55.77	26.92	8.65	2.88	0.96	4.81
<b>Instructor:</b> Ing. Peter Laco, PhD.					
<b>Last changed:</b> 25.10.2022					
<b>Approved by:</b> prof. Ing. Hussam Musa, PhD.					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_P SzMVS-aj	<b>Course name:</b> Case Studies from Public Sector Management
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> Final assessment: a) Active participation during case-studies' presentations (50 points) b) semester project (case study) and its defence (50 points)	
<b>Learning objectives:</b> student can 1. critically analyse the current trends in public sector management, 2. provide arguments on basis of the acquired knowledge in a discussion with a professional, 3. create case study using methodological concepts and compare the findings with current knowledge published in research papers.	
<b>Brief outline of the course:</b> - this course is based on presenting case studies from current practice and presentations provided by professionals/experts from practice, who are in leading/managerial positions in public sector organizations on various levels (local, regional, national), - case studies are provided a few weeks before the presentation with supporting literature and students are required to study the materials, dig into the problematics and prepare relevant questions for the presenters (strengthening the competence to understand the topics and place relevant questions) - one week before the seminar led by an expert, the teacher introduces the given topic/problem - at the seminar led by an expert, the students actively participate in discussion about the problems of practical application of their knowledge based on analysed case study and prepared questions. <b>Key topics covered:</b> 1. Public sector performance management – concepts and design 2. Strategic performance management of central government – legal and managerial consequences 3. Public governance and smart governance. 4. Local governance participation. 5. Alternative service delivery arrangements Contracting out in public sector. Contract management in public sector. 6. Behavioural economics in public sector. 7. Alternative funding of public services. Co-creation. Co-production. Crowdfunding.	

8. Participatory budgeting.
9. Implementation of digital tools in governance.
10. Potential of ecosystem services and its importance for local and regional stakeholders.
11. Place marketing. Place branding. Place marketing strategies.

**Recommended literature:**

1. Dolan, P., Hallsworth, M., Halpern, D., King, D., Vlaev, I. 2009. MINDSPACE influencing behaviour through public policy. Discussion document – not a statement of government policy.
2. Fabio Monteduro. 2017. The Adoption of Outcome-Related Performance Indicators in External Reporting: An Empirical Study. *International Journal of Public Administration* 40:10, pages 860-874.
3. Foret, M. a kol. Marketing communication in public administration. 1. vyd. - Brno : Mendel university in Brno, 2013. - 132 s.
4. Foret, M. Vaňová, A. a kol. Marketing in regional development. 1. vyd. - Brno : Mendel university in Brno, 2013. - 140 s.
5. Grunewald, K. et al. 2015. Ecosystem Services – Concept, Methods and Case Studies. Springer, 312 p. ISBN 978-3-662-51577-8.
6. Mikušová Meričková, B., Nemeč, J., Murray Svidroňová, M., Klimovský, D. 2017. Co-creation as a social innovation in delivery of public services at local government level : the Slovak experience. In: Juraj Nemeč et. al. In Handbook of research on sub-national governance and development. - 1. vyd. - Hershey : IGI global, 2017. - ISBN 9781522516453
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8. Murray Svidroňová, M. 2018. Co-Creation in local services delivery: Case study from Slovakia. In Alternative delivery service, Juraj Nemeč, Vincent Potier, Michiel S. de Vries (Eds) IASIA/IIAS 2018 ISBN-978-2-931003-01-5. S. 82 – 92
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10. Murray Svidroňová, M., Klimivský, D. 2022. Participatory budgeting in Slovakia: recent development, present state and interesting cases. In *International trends in participatory budgeting : between trivial pursuits and best practices*. - 1. vyd. - Cham : Palgrave Macmillan, 2022. - ISBN 978-3-030-79929-8. - ISSN 2524-728X. - pp. 247-269.
11. Murray Svidroňová, M., Vaceková, G., Nemeč, J. 2022. Co-production of public goods in Slovakia, Chapter 7. In *New perspectives in the co-production of public policies, public services and common goods*. - 1. vyd. - Liège : Université de Liège, 2022. - ISBN 978-2-931051-55-9. - ISSN 2795-8825. - Pp. 143-163.
12. Raili Pollanen, Ahmed Abdel-Maksoud, Said Elbanna & Habib Mahama (2017) Relationships between strategic performance measures, strategic decision-making, and organizational performance: empirical evidence from Canadian public organizations, *Public Management Review*, 19:5, 725-746, DOI: 10.1080/14719037.2016.1203013
13. Sven Modell & Anders Grönlund (2007) Outcome-Based Performance Management: Experiences from Swedish Central Government, *Public Performance & Management Review*, 31:2, 275-288, DOI: 10.2753/PMR1530-9576310206
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16. Vaňová a kol. Place marketing, public and nonprofit marketing: case studies. 1. vyd. - Banská Bystrica : Vydavateľstvo Univerzity Mateja Bela - Belianum, 2017. - 98 s.
17. Vaňová, A. a kol. Place marketing. 1. vyd. - Banská Bystrica : Vydavateľstvo Mateja Bela - Belianum, 2017. - 96 s.
18. Vitálišová, K., Murray Svidroňová, M., Jakuš Mutuhová, N. (2021) Stakeholder participation in local governance as a key to local strategic development. In: Cities : The International Journal of Urban Policy and Planning. - Oxford : Elsevier Ltd., 2021. - ISSN 0264-2751. - Vol. 118 (2021), pp. [1-15].
19. Vitálišová, K., Sýkorová, K., Koróny, S., Laco, P., Vaňová, A., Borseková, K. (2023). Digital Transformation in Local Municipalities: Theory Versus Practice. In: Rouet, G., Côme, T. (eds) Participatory and Digital Democracy at the Local Level. Contributions to Political Science. Springer, Cham. [https://doi.org/10.1007/978-3-031-20943-7\\_13](https://doi.org/10.1007/978-3-031-20943-7_13)

**Language of instruction:**

English

**Notes:student time load:**

combined study (S): 26

self-study: 70

preparing the semester paper: 48

collecting data: 36

**Course assessment**

The final number of assessed students: 4

A	B	C	D	E	FX
75.0	0.0	0.0	25.0	0.0	0.0

**Instructor:** Ing. Nikoleta Jakuš Muthová, PhD., prof. Ing. Beata Mikušová Meričková, PhD., doc. Ing. Mária Murray Svidroňová, PhD., Ing. Katarína Sýkorová, PhD., prof. Ing. Anna Vaňová, PhD., doc. Ing. Katarína Vitálišová, PhD.

**Last changed:** 29.03.2023

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_PsZCR2	<b>Course name:</b> Case Studies in Tourism 2
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: elaboration and presentation of case study (0-60 points), b) final assessment: written exam (0-40 points). The number of points to be earned for continuous and final assessment is 100 on the grading scale. Credits are assigned to the student who has obtained a minimum of 65 out of 100 points for fulfilling the requirements of the course assessment. <b>a) continuous assessment:</b> Elaboration and presentation of case study (0-60 points). <b>b) final assessment:</b> Written exam (0-40 points).	
<b>Learning objectives:</b> Student: 1. is able to use the acquired knowledge from previous subjects to evaluate the level of tourism development in selected destinations, 2. is able to critically evaluate the destination managements in Slovakia and abroad, 3. is able to analyse best practices of tourism destination development and apply on the conditions of Slovakia, 4. can manage destination management organization.	
<b>Brief outline of the course:</b> 1. Vision and planning in tourism destination 2. Destination management organization and its role 3. Cooperation in tourism destination 4. Product development in tourism destination 5. Product distribution of tourism destination 6. Marketing communication of tourism destination 7. Digital destination marketing 8. Destination management system 9. Customer relationship management in tourism destination 10. Competitiveness of tourism destinations 11. Sustainable tourism development in destination 12. Trends in tourism development in destinations	

**Recommended literature:**

1. GÚČIK, M. a kol. Manažment cieľového miesta cestovného ruchu. Knižnica cestovného ruchu 21. Banská Bystrica : Slovak-Swiss Tourism, 2012.
2. UNWTO. 2007. A Practical Guide to Tourism Destination Management. Madrid : World Tourism Organization, 2007.
3. UNWTO. 2008. Handbook of E-marketing for Tourism Destinations. Madrid : World Tourism Organization, 2008.
4. HORNER, S., SWARBROOKE, J. 2004. International Cases in Tourism Management. Oxford : Elsevier. 2008.

**Language of instruction:**

Slovak.

**Notes:student time load:**

120 hours:

combined study (lectures, seminars consultations): 30

self-study: 38

preparation of case study: 52

**Course assessment**

The final number of assessed students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

**Instructor:** doc. Ing. Tomáš Gajdošík, PhD., Ing. Zuzana Gajdošíková, PhD.

**Last changed:** 07.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_PszCR2-aj	<b>Course name:</b> Case Studies in Tourism 2 (in English)
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: elaboration and presentation of case study (0-60 points), b) final assessment: written exam (0-40 points). The number of points to be earned for continuous and final assessment is 100 on the grading scale. Credits are assigned to the student who has obtained a minimum of 65 out of 100 points for fulfilling the requirements of the course assessment. <b>a) continuous assessment:</b> Elaboration and presentation of case study (0-60 points). <b>b) final assessment:</b> Written exam (0-40 points).	
<b>Learning objectives:</b> Student: <ol style="list-style-type: none"> <li>1. is able to use the acquired knowledge from previous subjects to evaluate the level of tourism development in selected destinations,</li> <li>2. is able to critically evaluate the destination managements in Slovakia and abroad,</li> <li>3. is able to analyse best practices of tourism destination development and apply on the conditions of Slovakia,</li> <li>4. can manage destination management organization.</li> </ol>	
<b>Brief outline of the course:</b> <ol style="list-style-type: none"> <li>1. Vision and planning in tourism destination</li> <li>2. Destination management organization and its role</li> <li>3. Cooperation in tourism destination</li> <li>4. Product development in tourism destination</li> <li>5. Product distribution of tourism destination</li> <li>6. Marketing communication of tourism destination</li> <li>7. Digital destination marketing</li> <li>8. Destination management system</li> <li>9. Customer relationship management in tourism destination</li> <li>10. Competitiveness of tourism destinations</li> <li>11. Sustainable tourism development in destination</li> </ol>	

12. Trends in tourism development in destinations

**Recommended literature:**

1. UNWTO. 2007. A Practical Guide to Tourism Destination Management. Madrid : World Tourism Organization, 2007.
2. UNWTO. 2008. Handbook of E-marketing for Tourism Destinations. Madrid : World Tourism Organization, 2008.
3. HORNER, S., SWARBROOKE, J. 2004. International Cases in Tourism Management. Oxford : Elsevier. 2008.

**Language of instruction:**

English.

**Notes:student time load:**

120 hours:  
combined study (lectures, seminars consultations): 30  
self-study: 38  
preparation of case study: 52

**Course assessment**

The final number of assessed students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

**Instructor:** doc. Ing. Tomáš Gajdošík, PhD., Ing. Zuzana Gajdošíková, PhD.

**Last changed:** 07.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_Kouč	<b>Course name:</b> Coaching
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: written test 0-25 points, activity during seminars (semestral essay) 0-25 points b) final assessment: oral exam 0-50 points Credits are assigned to the student who has obtained a minimum of 65 out of 100 points for fulfilling the requirements of the course assessment. <b>a) continuous assessment:</b> written test 0-25 points, activity during seminars (semestral essay) 0-25 points <b>b) final assessment:</b> oral exam 0-50 points Credits are assigned to the student who has obtained a minimum of 65 out of 100 points for fulfilling the requirements of the course assessment.	
<b>Learning objectives:</b> After course completion, the student: 1. Understand the theoretical background of coaching. 2. Know basic tools and techniques of coaching. 3. Be able to set the appropriate coaching tools in specific situations. 4. Be able to lead coaching process.	
<b>Brief outline of the course:</b> The history of coaching. Basis of coaching and the difference from consultancy, mentoring, leadership Advantages and disadvantages of coaching. Transactional and transforamtional coaching. Self-coaching, individual and group coaching. Life and Professional coaching. Systemic coaching. Methods of coaching – GROW, ADAPT, ACHIEVE, Kaizen. The process of coaching. Questioning techniques. Feedback providing. Coach, his roles and competencies. Coaching in Slovakia and abroad.	
<b>Recommended literature:</b> 1. CHAMPATHES M. R. 2006. Coaching for performance improvement: the “COACH” model, Development and Learning in Organizations. An International Journal, Emerald, Vol. 20., č. 2., s. 17 – 18. ISSN 1477-7282. 2. CLEGG S. R. et all. 2005. Business coaching: challenges for an emerging industry, Industrial and Commercial Training, Emerald, Vol. 37., č. 5., s. 218 – 223. ISSN: 0019-7858.	

3. PERRY. M. J. 2006. Life coaching and the law, Industrial and Commercial Training, Emerald, Vol. 38., č. 2., s. 98 – 101. ISSN: 0019-7858.
4. PHILLIPS R. 1996. Coaching for higher performance, Employee Councelling Today, Emerald, Vol. 8., č. 4., s. 29 – 32. ISSN: 0955-8217.
5. ULRICH D. 2008. Coaching for results, Business Strategy Series, Emerald, Vol. 9., č. 3, s. 104 – 114. ISSN: 1751-5637.
6. WHITMORE, J. 2009. Coaching for Performance: GROWing Human Potential and Purpose - The Principles and Practice of Coaching and Leadership, 4th Edition. Nicholas Brealey Publishing. 2009. 244 pages. ISBN 978-1857885354.

**Language of instruction:**

English

**Notes:student time load:**

110 hours:

Combined form (Lecture, Seminar, Consultation): 26

Self-study: 50

Data mining, presentation: 34

**Course assessment**

The final number of assessed students: 115

A	B	C	D	E	FX
64.35	31.3	2.61	0.87	0.0	0.87

**Instructor:** Ing. Jozef Ďurian, PhD.

**Last changed:** 07.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_KvIPaj	<b>Course name:</b> Communication Across Cultures (in English)
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> <b>a) continuous assessment:</b> written analysis of a specific intercultural problem: 0-20 points project – written presentation of a field research: 0-30 points oral presentation of the research results: 0-20 points <b>b) final assessment:</b> test: 0-30 points	
<b>Learning objectives:</b> Student can: <ol style="list-style-type: none"> <li>1. perceive, identify and describe the observable manifestation of differences within other cultures and subcultures.</li> <li>2. identify problems of intercultural character, respond to them and take up own standpoint.</li> <li>3. discuss problems characterized by intercultural diversity, choose the best solutions, be aware of his/her own identity and accept the values of other cultures and subcultures.</li> <li>4. analyze problems of intercultural communication, find basic principles of communication in chosen cultures and express own views and preferences.</li> <li>5. find analogy between one's own behavior and behavior of representatives of other cultures, suggest hypothesis, and integrate the acquired knowledge and skills into practice.</li> <li>6. argument and defend own opinions, show interest in developing the intercultural competencies.</li> </ol>	
<b>Brief outline of the course:</b> Communicative competence of mutual cooperation in business environment at the European, national, regional, and local level. Concept of intercultural communication, types of culture. Barriers to intercultural communication: stereotypes, prejudices, cultural expectations, perceptions and attitudes, culture shock and its phases. Awareness of one's own culture and values, adjusting critical attitudes, comparison of values of different nations, ethnic groups, and language communities. Role of verbal and non-verbal communication in intercultural relations. Mentality, thinking, and behavior of representatives of different nations/cultures and their impact on personal and working relations. Psychology of intercultural relations. Understanding and solving critical incidents in business environment through cultural dimensions. National identity and respect for differences between individual cultures and subcultures. Intercultural management in business environment.	



**Recommended literature:**

1. BENČIKOVÁ, D. 2007. Cross-Cultural Communication in Business. Banská Bystrica: Univerzita Mateja Bela, 2007. 208 s. ISBN 978-80-8083-533-0.
2. BENČIKOVÁ, D., MINÁROVÁ, M., POLČICOVÁ, M. 2009. Slovensko-anglicko-nemecký výkladový slovník interkultúrnej komunikácie. Banská Bystrica: Univerzita Mateja Bela, Ekonomická fakulta, 2009. 86 s. ISBN 978-80-8083-918-5
3. GUIRDHAM, M. 2011. Communicating Across Cultures at Work. New York: Palgrave Macmillan, 2011. 400 s. ISBN 978-0-230-28369-5.
4. HOFSTEDE, G., HOFSTEDE, G. J. 2004. Cultures and Organizations: Software for the Mind. 2nd edition. McGraw-Hill, 2004. ISBN 978-0-07-143959-6.
5. OLEJÁROVÁ M. a kol. 2007. Charakteristika vybraných krajín z pohľadu interkultúrnej komunikácie. Banská Bystrica, UMB, 2007.
6. STORTI, C. 1994. Cross-Cultural Dialogues: 74 Brief Encounters with Cultural Difference. Boston: N. Brealey, 1994. 140 s. ISBN 978-1-87-7864-28-5.
7. <http://www.geert-hofstede.com>

**Language of instruction:**

English

**Notes: student time load:**

90 hours

combined study (lectures, seminars, consultations): 26

self-study: 14

data collection and preparation of the project: 30

analysis of the research results: 20

**Course assessment**

The final number of assessed students: 31

A	B	C	D	E	FX
45.16	29.03	16.13	9.68	0.0	0.0

**Instructor:** doc. PhDr. Dana Benčíková, PhD.

**Last changed:** 07.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_FMP-aj	<b>Course name:</b> Corporate Financial Management
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 6	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) interim evaluation: - written exam: 0 - 50 points b) final evaluation: - written exam: 0 - 50 points The total number of points obtained for the interim and final evaluation is 100. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student who has obtained from the subject for meeting the specified conditions at least 65 out of 100 points.	
<b>Learning objectives:</b> Student: 1. is able to use the acquired knowledge and skills to thoroughly analyze a given problem related to the area of practical financial management of the company, 2. is able to choose the appropriate structure of the company's financing sources and decide on their effective allocation to individual long-term and short-term components of assets, 3. creatively applies theoretical knowledge and various methods and tools of financial management in practical business situations concerning decision-making on sources of capital and its investment, financial risk management, distribution of financial results, mergers and determination of company value, 4. assess the advantages and disadvantages of individual methods and tools and is able to distinguish them and choose from them those that are most suitable for a given decision-making situation in both operational and strategic financial management, 5. critically assesses current business phenomena and achieved financial results and, on this basis, is able to make and implement relevant financial decisions and assess their possible consequences, including at the level of international financial transactions, 6. on the basis of thorough analysis, using acquired methods and tools of financial management prepares proposals for optimal capital structure, prepares financial risk management project, profit distribution plan, financial analysis and merger proposal, prepares simple determination of the value of the company as a whole and individual components his property.	
<b>Brief outline of the course:</b> Content, functions and tasks of financial management. Financial and capital structure of the company. Capital budgeting and investment decisions. Short-term financial management and	

working capital management. Treasury management. Corporate governance. Risk management. Distribution of financial results and dividend policy. Financial issues of mergers. Determining the value of the company and its assets. Solution of practical case studies on selected topics.

**Recommended literature:**

1. VINCZEOVÁ, M., KRIŠTOFÍK, P. 2013. Corporate Finance. Banská Bystrica: Univerzita Mateja Bela. 978-80-557-0490-6.
2. EMERY, D.R., FINNERTY, J.D., STOWE, J.D. 2007. Corporate Financial Management. London: Pearson Education Inc.. ISBN 0-13-503273-3.
3. ADELMAN, P.J., MARKS, A.M. 2014. Entrepreneurial Finance. Upper Saddle River: Pearson Education Inc. ISBN 978-0-133-37695-1.
4. SMITH, J.K., SMITH, R.L., BLISS, R.T. 2011. Entrepreneurial Finance. Stanford: Stanford University Press. ISBN 978-0-804-77091-0.
5. DAMODARAN, A. 2011. Applied Corporate Finance. Hoboken: John Wiley & Sons Inc. ISBN 978-0-470-38464-0.

**Language of instruction:**

English

**Notes:student time load:**

180 hours, out of which:

- combined study (Lectures, Seminars, Consultations): 52 hours
- self-study: 80 hours
- study of current legislation, preparation for seminars (solving examples and case studies): 36 hours
- updating information, collection of secondary data: 12 hours

**Course assessment**

The final number of assessed students: 17

A	B	C	D	E	FX
5.88	17.65	17.65	29.41	29.41	0.0

**Instructor:** prof. Ing. Peter Krištofik, Ph.D., prof. Ing. Hussam Musa, PhD., Ing. Ivan Sedliačik, PhD., doc. Ing. Miroslava Vinczeová, PhD.

**Last changed:** 03.02.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_KKvRR	<b>Course name:</b> Creativity and Culture in Regional Development
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> The maximum number of points obtained for the interim and final evaluation is 100. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student who has obtained following the requirements at least 65 of 100 points. <b>a) continuous assessment:</b> elaboration of the assignment and research during the semester: 0-50 points <b>b) final assessment:</b> seminar work and its presentation using activating forms of teaching: 0-50 points	
<b>Learning objectives:</b> Student after successful completion of the course: 1. understands and actively uses terminology and knowledge of culture and creative industries 2. applies theoretical knowledge in solving specific problems of the development of culture and cultural institutions in the territory 3. assesses the issue in its current context and in the context of trends connected with the development of society 4. identifies problems in the development of culture and creativity in the territory and suggests solutions based on current trends 5. will create a separate professional-research seminar work	
<b>Brief outline of the course:</b> Definition of basic terms. Culture, creativity and economy. Creative economy. The role of culture in the national economy. Culture and creativity in regional development. Funding of culture. Management of Culture. Culture development planning. Marketing of Culture and territory branding. Culture and creativity in the context of sustainable, intelligent and resilient development of cities and regions. UNESCO – culture and creativity in regional and local development. Case studies – creativity in local and regional development. Case studies - culture in local and regional development.	
<b>Recommended literature:</b> 1. Vaňová, A. a kol. Kreativne odvetvia ako zdroj nehmotných aktív v kontexte inteligentného rozvoja a inovácií / Anna Vaňová ... [et al.] ; rec. Ľudmila Nagyová, Beáta Meričková. - 1. vyd. - Banská Bystrica : Vydavateľstvo Univerzity Mateja Bela - Belianum, 2016. - 141 s. [6,31 AH]. - ISBN 978-80-557-1173-7	

2. Vaňová, A. Trendy v rozvoji miest. 1. vyd. - Banská Bystrica : Vydavateľstvo Univerzity Mateja Bela - Belianum, 2021. - 202 s. [6,84 AH]. - ISBN 978-80-557-1884-2
3. Vaňová, A. Marketingové stratégie rozvoja územia. 1. vyd. - Banská Bystrica : Vydavateľstvo Univerzity Mateja Bela - Belianum, 2020. - 136 s. [10,47 AH]. - ISBN 978-80-557-1783-8
4. Breton, Albert. (1982). Introduction to an economics of culture. In UNESCO, Cultural industries: A challenge for the future of culture (pp. 40-50). Paris: UNESCO.
5. Edgar Andrew, Sedgwick Peter, Cultural Theory: The Key Concepts. 2nd edition. NYC Routledge. 2007
6. Scott Allen, The Cultural Economy of Cities, Sage, 2001
7. Steinert Heinz, Culture Industry, Cambridge: Polity Press, 2003

**Language of instruction:**

slovak

**Notes:student time load:**

120 hours, within that:

Combined form: Lecture, Seminar, Consultation: 26

self-study: 70

active preparation for seminars: 24

**Course assessment**

The final number of assessed students: 83

A	B	C	D	E	FX
78.31	12.05	6.02	2.41	1.2	0.0

**Instructor:** prof. Ing. Anna Vaňová, PhD., doc. Ing. Katarína Vitálišová, PhD., doc. Ing. Kamila Borseková, PhD., Ing. Katarína Sýkorová, PhD.

**Last changed:** 28.10.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_KaB	<b>Course name:</b> Digital Currencies and Blockchain
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> <b>a) continuous assessment:</b> in-class active participation and presentation of news: 50 points <b>b) final assessment:</b> written test 50 points	
<b>Learning objectives:</b> 1. Be able to describe the Byzantine Generals' Problem (a classical problem on how to achieve a single winning strategy involving various parties, some of which may be corrupted, untrusted, or may disseminate inaccurate information) and how do blockchains address this problem. 2. Understand the basics of blockchain technology, i.e. cryptographic functions (hashes), the process of mining and issuance of new currency, various consensus mechanisms including the 'Proof-of-Work' consensus mechanism used in the Bitcoin Blockchain. 3. Distinguish among various types and properties of centralized, decentralized and hybrid blockchains and ascertain which of them is suitable for what purposes. 4. Understand how blockchain technology creates trust among untrusted parties and immutable entries, by linking/chaining blocks of information together (thus the concept of 'blockchain'). 5. Distinguish the basic characteristics and key metrics of Bitcoin and altcoins (alternative cryptocurrencies issued after Bitcoin) such as Ethereum, Tether, BNB, USD Coin, XRP, Cardano etc. 6. Learn how to transact and store cryptocurrencies, look-up and dissect real transactions in open blockchain networks. 7. Dive-in to more technical aspects of the technology such as mining pools, segregated witness, lightning network, forks and smart contracts, their uses and challenges. 8. Learn why this is an innovative technology and understand its potential to disrupt a number of other industries. 9. Identify some of the industries that may be disrupted by this technology, such as financial institutions, health, real estate, supply chain, academia, and others, as well as describe blockchain-related use cases. 10. Understand more advanced uses of the blockchain such as escrow services, asset registration, attestation, smart contracts, digital assets, tokenization, CBDCs, DeFi and others.	

11. Understand what parallels and differences cryptocurrencies have with the existing monetary and banking systems.
12. Evaluate how central banks or governments may issue their own digital currency, for what purposes and to what end.
13. Identify some of the legal, regulatory and taxation challenges that this new technology may bring and learn how do major global regulators look at these issues.
14. Understand major frameworks for regulating cryptocurrencies.
15. Explore the current mega-trends towards decentralization and how blockchain and other technologies, such as AI and the IoT, fuel these trends.

**Brief outline of the course:**

The course provides an introductory understanding of blockchain technology and decentralized digital currencies (cryptocurrencies), such as bitcoin. The course will:

- survey the theory and principles by which digital currencies operate;
- provide practical examples of basic transactions and operations of blockchain or distributed ledger-based systems;
- explore the current and future interaction of digital currencies with banking, financial, legal and regulatory systems;
- help students understand the disruptive potential of blockchain and how this ecosystem can be perceived as an innovation;
- discuss the newest developments in the space (for example, tokenization, DeFi and CBDCs), explore the synergies between blockchain and other disruptive technologies (such as artificial intelligence and the internet of things) and provide a vision and thesis for a decentralized future.

The course will consist of four general topics:

1. Theoretical introduction to digital currencies: This will include the history of digital currencies, the invention of decentralized consensus through proof-of-work, and a technical overview of cryptocurrencies such as bitcoin, as well as alternative/advanced uses of the blockchain.
2. Practical introduction to digital currencies: This will include practical, introductory exercises in utilizing and constructing digital currency transactions.
3. Banking, financial and regulatory implications: Overview of how blockchain technology could revolutionize the existing monetary and banking system and possible approaches to regulation and development.
4. Innovation & development: How cryptocurrencies and blockchain technology can be viewed through innovation frameworks and what possibilities exist for further developments, including new blockchain uses (tokenization, decentralized finance [DeFi], central bank digital currencies [CBDCs], etc.) and convergence of blockchain with other technologies (most notably artificial intelligence and the internet of things) toward a decentralized future.

**Recommended literature:**

1. AMMOUS, S. 2018. The Bitcoin standard. Hoboken, New Jersey : John Wiley & Sons, 286 p. ISBN 978-1-119-47386-2.
2. AZHAR, A. 2021. Exponential. London : Cornerstone, 384 p. ISBN 978-1847942913.HOSP, J. 2018. Kryptomeny. Bratislava : Tatran, 172 s. ISBN 978-80-222-0945-8.
3. HARARI, Y., N. 2018. Money. London : Vintage Books, 133 p. ISBN 978-1-78487-402-5.
4. HAYEK, F. A. 1990. Denationalisation of Money The Argument Refined An Analysis of the Theory and Practice of Concurrent Currencies (3rd ed.). London, UK: The Institute of Economic Affairs.
5. CHOVCANULIAK, R. 2019. Pokrok bez povolenia. Bratislava : INESS, 288 s. ISBN 978-8-089-82007-8.

6. KRAVCHENKO, P., SKRIABIN, B., DUBININA, O. 2019. Blockchain And Decentralized Systems. Київ, Ukraine: Distibuted Lab.

7. NAKAMOTO, S. 2008. Bitcoin: A Peer-to-Peer Electronic Cash System. Retrieved from <https://bitcoin.org/bitcoin.pdf>

8. NARAYANAN, A., BONNEAU, J., FELTEN, E., MILLER, A., GOLDFELDER, S. 2016. Bitcoin and Cryptocurrency Technologies: A Comprehensive Introduction. Princeton, NJ: Princeton University Press.

9. SHRIER, D., L. 2020. Basic blockchain. London : Robinson, 182 p. ISBN 978-1-4721-4483-6.

10. TAPSCOTT, D., TAPSCOTT, A. 2018. Blockchain revolution. New York : Portfolio/Penguin, 358 p. ISBN 978-0-241-23786-1.

**Language of instruction:**

English

**Notes:student time load:**

120 hours

Combined study (P, S, K): 26 h.

Self-study: 50 h.

Preparation of presentation of current topics: 44 h.

**Course assessment**

The final number of assessed students: 101

A	B	C	D	E	FX
69.31	14.85	8.91	0.99	1.98	3.96

**Instructor:** Ing. Ivan Sedliačik, PhD.

**Last changed:** 17.04.2023

**Approved by:** prof. Ing. Hussam Musa, PhD.



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_KaB-aj	<b>Course name:</b> Digital Currencies and Blockchain (in English)
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment - completion of the written assignment and in-class active participation: 30 points; b) final assessment - written test 70 points.	
<b>Learning objectives:</b> The student will: 1. Be able to describe the Byzantine Generals' Problem (a classical problem on how to achieve a single winning strategy involving various parties, some of which may be corrupted, untrusted, or may disseminate inaccurate information) and how do blockchains address this problem. 2. Understand the basics of blockchain technology, i.e. cryptographic functions (hashes), the process of mining and issuance of new currency, various consensus mechanisms including the 'Proof-of-Work' consensus mechanism used in the Bitcoin Blockchain. 3. Distinguish among various types and properties of centralized, decentralized and hybrid blockchains and ascertain which of them is suitable for what purposes. 4. Understand how blockchain technology creates trust among untrusted parties and immutable entries, by linking/chaining blocks of information together (thus the concept of 'blockchain'). 5. Distinguish the basic characteristics and key metrics of Bitcoin and altcoins (alternative cryptocurrencies issued after Bitcoin) such as Ethereum, Litecoin, XRP, Bitcoin Cash etc. Many of these altcoins may have different properties, follow different protocols and have different uses. 6. Learn how to transact and store cryptocurrencies, look-up and dissect real transactions in open blockchain networks. 7. Dive-in to more technical aspects of the technology such as mining pools, segregated witness, lightning network, forks and smart contracts, their uses and challenges. 8. Learn why this is an innovative technology and understand its potential to disrupt a number of other industries. 9. Identify some of the industries that may be disrupted by this technology, such as financial institutions, health, real estate, supply chain, academia, and others, as well as describe blockchain-related use cases. 10. Understand more advanced uses of the blockchain such as escrow services, asset registration, attestation, smart contracts, digital assets, tokenization, CBDCs, DeFi and others.	

11. Understand what parallels and differences cryptocurrencies have with the existing monetary and banking systems.
12. Evaluate how central banks or governments may issue their own digital currency, for what purposes and to what end.
13. Identify some of the legal, regulatory and taxation challenges that this new technology may bring and learn how do major global regulators look at these issues.
14. Understand major frameworks for regulating cryptocurrencies.
15. Explore the current mega-trends towards decentralization and how blockchain and other technologies, such as AI and the IoT, fuel these trends.

**Brief outline of the course:**

The course provides an introductory understanding of blockchain technology and decentralized digital currencies (cryptocurrencies), such as bitcoin. The course will:

- survey the theory and principles by which digital currencies operate;
- provide practical examples of basic transactions and operations of blockchain or distributed ledger-based systems;
- explore the current and future interaction of digital currencies with banking, financial, legal and regulatory systems;
- help students understand the disruptive potential of blockchain and how this ecosystem can be perceived as an innovation;
- discuss the newest developments in the space (for example, tokenization, DeFi and CBDCs), explore the synergies between blockchain and other disruptive technologies (such as artificial intelligence and the internet of things) and provide a vision and thesis for a decentralized future.

The course will consist of four general topics:

1. Theoretical introduction to digital currencies: This will include the history of digital currencies, the invention of decentralized consensus through proof-of-work, and a technical overview of cryptocurrencies such as bitcoin, as well as alternative/advanced uses of the blockchain.
2. Practical introduction to digital currencies: This will include practical, introductory exercises in utilizing and constructing digital currency transactions.
3. Banking, financial and regulatory implications: Overview of how blockchain technology could revolutionize the existing monetary and banking system and possible approaches to regulation and development.
4. Innovation & development: How cryptocurrencies and blockchain technology can be viewed through innovation frameworks and what possibilities exist for further developments, including new blockchain uses (tokenization, decentralized finance [DeFi], central bank digital currencies [CBDCs], etc.) and convergence of blockchain with other technologies (most notably artificial intelligence and the internet of things) toward a decentralized future.

**Recommended literature:**

1. AMMOUS, S. 2018. The Bitcoin standard. Hoboken, New Jersey : John Wiley & Sons, 286 p. ISBN 978-1-119-47386-2.
2. AZHAR, A. 2021. Exponential. London : Cornerstone, 384 p. ISBN 978-1847942913.HOSP, J. 2018. Kryptomeny. Bratislava : Tatran, 172 s. ISBN 978-80-222-0945-8.
3. HARARI, Y., N. 2018. Money. London : Vintage Books, 133 p. ISBN 978-1-78487-402-5.
4. HAYEK, F. A. 1990. Denationalisation of Money The Argument Refined An Analysis of the Theory and Practice of Concurrent Currencies (3rd ed.). London, UK: The Institute of Economic Affairs.
5. CHOVCANULIAK, R. 2019. Pokrok bez povolenia. Bratislava : INESS, 288 s. ISBN 978-8-089-82007-8.

<p>6. KRAVCHENKO, P., SKRIABIN, B., DUBININA, O. 2019. Blockchain And Decentralized Systems. Київ, Ukraine: Distibuted Lab.</p> <p>7. NAKAMOTO, S. 2008. Bitcoin: A Peer-to-Peer Electronic Cash System. Retrieved from <a href="https://bitcoin.org/bitcoin.pdf">https://bitcoin.org/bitcoin.pdf</a></p> <p>8. NARAYANAN, A., BONNEAU, J., FELTEN, E., MILLER, A., GOLDFELDER, S. 2016. Bitcoin and Cryptocurrency Technologies: A Comprehensive Introduction. Princeton, NJ: Princeton University Press.</p> <p>9. SHRIER, D., L. 2020. Basic blockchain. London : Robinson, 182 p. ISBN 978-1-4721-4483-6.</p> <p>10. TAPSCOTT, D., TAPSCOTT, A. 2018. Blockchain revolution. New York : Portfolio/Penguin, 358 p. ISBN 978-0-241-23786-1.</p>					
<p><b>Language of instruction:</b> English</p>					
<p><b>Notes:student time load:</b> 120 hours Combined study (P, S, K): 26 h. (2/0) Self-study: 50 h. Preparation of the project: 40 h. Collection of data: 4 h.</p>					
<p><b>Course assessment</b> The final number of assessed students: 6</p>					
A	B	C	D	E	FX
50.0	16.67	0.0	33.33	0.0	0.0
<p><b>Instructor:</b> Ing. Ivan Sedliačik, PhD.</p>					
<p><b>Last changed:</b> 20.06.2022</p>					
<p><b>Approved by:</b> prof. Ing. Hussam Musa, PhD.</p>					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_DS-aj	<b>Course name:</b> Diploma Seminar
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: - project of the diploma thesis (objective and outline of the thesis, preparation of literature review): 65 – 100 points b) final assessment: - project of the diploma thesis (objective and outline of the thesis, preparation of literature review): 65 – 100 points	
<b>Learning objectives:</b> Having completed the course successfully, the student: <ol style="list-style-type: none"> <li>1. can use the acquired knowledge to write an outline of the diploma thesis and decide on the methodology within the process of treatment – algorithm of solution,</li> <li>2. can define the object and subject of the research and consequently, work out a literature review related to the researched issues,</li> <li>3. can apply appropriate methods and techniques to collect, process and evaluate the data all together with the use of theoretical methods of research,</li> <li>4. can assess and suggest methodological procedure to treat the reserched isuess,</li> <li>5. can assess the acquired results of the analytical part of the project and process the output from the analysis,</li> <li>6. is able to write a proposal of the diploma project and implement his/her own approach towards the researched issues.</li> </ol>	
<b>Brief outline of the course:</b> Methodology of the project. Defining the object and subject of the research. Objectives, material and methodology of the reserch; determining of the selected sample (defining and reasoning of the researched sample); determining the methods and techniques of data collection; methods of data pocessing; use of the theoretical methods of the research. Elaborating the methodology of the research – algorithm of solution. Writing a diploma thesis outline. Project of the diploma thesis.	
<b>Recommended literature:</b> <ol style="list-style-type: none"> <li>1. Directive # 9/2021 on qualification theses defended at Matej Bel University in Banská Bystrica</li> <li>2. Regulation S-01-21 Format of written qualification theses defended at Matej Bel University in Banská Bystrica</li> </ol>	

3. McCOMBES, S. 2020. How to write a research methodology. Available on the internet: [www.scribbr.com/dissertation](http://www.scribbr.com/dissertation)
4. Everything you need to know about dissertation primary research. London: The Oxbridge Research Group, 2020.
5. How to do your dissertation secondary research. London: The Oxbridge Research Group, 2020.
6. KOWALSKI, A., ORVISKÁ, M., ROSLIN, R. M. 2020. Developing transferable skill for research. Bratislava: Dolis Goen. ISBN 978-80-973221-1-3
7. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2nd ed. London: Sage. ISBN 978-14-462-0749-9.

**Language of instruction:**

English

**Notes: student time load:**

120 hours, out of which:

- combined study (lectures, seminars, consultations): 26 hours
- self-study: 40 hours
- elaboration and defence of the project: 54 hours

**Course assessment**

The final number of assessed students: 13

abs	n
100.0	0.0

**Instructor:** prof. Ing. Peter Krištofik, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Emília Zimková, PhD.

**Last changed:** 23.09.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_DPsO-aj	<b>Course name:</b> Diploma Thesis with Defence
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> <b>Method of study:</b> combined	
<b>Number of credits:</b> 20	
<b>Recommended semester/trimester:</b> 3., 4..	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: - writing and submitting the diploma thesis within the specified time b) final assessment: - defence of the diploma thesis in front of the state exam board	
<b>Learning objectives:</b> The student can: 1. use the theoretical knowledge acquired during the study in the treatment of the diploma thesis topic, 2. formulate the research objective, identify the problem and possibilities to solve it, 3. assess the state of the state-of-the-art of the examined issue at home and abroad, formulate his/her own attitude to the examined topic, express a critical view of authors' opinions, 4. apply a logical structure in the work procedure, analyze primary and secondary data, 5. evaluate the research results and collected data analysis in the scope of his/her thesis, 6. make recommendations or new solutions in the topic area and justify them; prepare a presentation for the diploma thesis defence, advocate his/her opinions.	
<b>Brief outline of the course:</b> Exploitation of the knowledge from the diploma seminar in writing the final version of the diploma thesis with respect to the current directive, in the specified extent and submitted in the specified time. Demonstration of the knowledge, skills and abilities acquired during the study in proposing solutions to the formulated problems. Defence of the diploma thesis in front of the state exam board.	
<b>Recommended literature:</b> 1. Directive # 9/2021 on qualification theses defended at Matej Bel University in Banská Bystrica 2. Regulation S-01-19 Format of written qualification theses defended at Matej Bel University in Banská Bystrica 3. McCOMBES, S. 2020. How to write a research methodology. Available on the internet: <a href="http://www.scribbr.com/dissertation">www.scribbr.com/dissertation</a> 4. Everything you need to know about dissertation primary research. London: The Oxbridge Research Group, 2020. 5. How to do your dissertation secondary research. London: The Oxbridge Research Group, 2020.	

<p>6. KOWALSKI, A., ORVISKÁ, M., ROSLIN, R. M. 2020. Developing transferable skill for research. Bratislava: Dolis Goen. ISBN 978-80-973221-1-3.</p> <p>7. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2n ed. London: Sage. ISBN 978-14-462-0749-9.</p>					
<p><b>Language of instruction:</b> English</p>					
<p><b>Notes:student time load:</b> 600 hours, out of which:</p> <ul style="list-style-type: none"> <li>- self-study and literature review: 150 hours</li> <li>- data collection: 200 hours</li> <li>- data analysis: 100 hours</li> <li>- synthesis and proposal of recommendations: 140 hours</li> <li>- preparation of a presentation and defence of the diploma thesis: 10 hours</li> </ul>					
<p><b>Course assessment</b> The final number of assessed students: 7</p>					
A	B	C	D	E	FX
28.57	57.14	0.0	0.0	14.29	0.0
<p><b>Instructor:</b></p>					
<p><b>Last changed:</b> 18.01.2022</p>					
<p><b>Approved by:</b> prof. Ing. Hussam Musa, PhD.</p>					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_EK-aj	<b>Course name:</b> Econometrics
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) mid-term assessment: homework (25 points of total score), mid-term test (25 points of total score) b) final assessment: final test (50 points of total score) Mid-term and final assessments are applied for a first attempt. In order to pass the course in a first attempt, it is necessary to score at least 65 % of all points and to score for both parts of the mid-term assessment at least 25 points. A student who has failed to pass the course in a first attempt will take a re-sit complex test (100 points of total score), wherein mid-term and final assessments are not taken into account. In order to pass the course for a re-sit, it is necessary to score at least 65 % of all points.	
<b>Learning objectives:</b> A student who took the course successfully knows how to <ul style="list-style-type: none"> <li>• read equational formats of econometric models,</li> <li>• utilize the econometric apparatus in verification of economic hypotheses,</li> <li>• characterize the standing of econometrics in the methodological apparatus of economics,</li> <li>• describe the process of formal and statistical verification of an econometric model.</li> </ul> A student who took the course successfully learned how to <ul style="list-style-type: none"> <li>• formulate an econometric model capturing links between economic variables,</li> <li>• assess the quality of an econometric model and its ability to represent the modelled realities,</li> <li>• interpret an econometric model and estimated parameters,</li> <li>• predict economic variables by dint of simple time series models.</li> </ul> A student who took the course successfully is able to <ul style="list-style-type: none"> <li>• comprehend pitfalls and basic limitations of econometric modelling,</li> <li>• handle heterogeneous analytical tasks necessitating a formal modelling approach,</li> <li>• transform econometric premises and considerations into a formal testable econometric model.</li> </ul>	
<b>Brief outline of the course:</b> Subject of econometrics, its tasks and goals in describing socio-economic phenomena, pitfalls and limitations. Classical Gaussian linear regression model, its assumptions, and examples of practical applications. Extension of the classical Gaussian linear regression model upon violating the assumptions (specification error, non-spherical random component, endogeneity of regressors, measurement errors, multicollinearity), and examples of practical applications. Introduction	



to time series econometrics and basic terminology, stationarity, tests of difference and trend non-stationarity. Dynamic models, auto-regression, cointegration, and use in practice. Applied econometrics. recommended procedures and guidelines, common errors in the methodology and interpretation.

**Recommended literature:**

1. ASHLEY, R. A. 2012. Fundamentals of applied econometrics. Hoboken: Wiley, 2012. 736 pp. ISBN 978-0-470-59182-6.
2. FOX, J. 2015. Applied regression analysis and generalized linear models. 3rd ed. Los Angeles: Sage, 2015. 816 pp. ISBN: 978-1-4522-0566-3.
3. GREENE, W. H. 2018. Econometric analysis. 8th ed. New York: Pearson Education, 2018. 1168 pp. ISBN 978-0-13-446136-6.
4. HENDRY, D. F. 1995. Dynamic econometrics. Oxford: Oxford University Press, 1995. 904 pp. ISBN 978-0198283164.
5. KENNEDY, P. 2008. Guide to econometrics. 6th ed. Malden: Wiley-Blackwell, 2008. 600 pp. ISBN 978-1405182584.
6. KLEIBER, C., ZEILEIS, A. 2008. Applied econometrics with R. New York: Springer, 2008. 232 pp. ISBN 978-0387773162.
7. MADDALA, G. S., LAHIRI, K. 2009. Introduction to econometrics. 4th ed. Chichester: Wiley, 2009. 656 pp. ISBN 978-0-470-01512-4.
8. SALVATORE, D., REAGLE, D. 2011. Statistics and econometrics. 2nd ed. New York: McGraw-Hill, 2011. 366 pp. ISBN 978-0071755474.

**Language of instruction:**

English

**Notes:student time load:**

150 hours, out of which:  
 combined study (lectures, seminars, consultations): 39 hours  
 elaboration of homework assignments: 25 hours  
 self-study: 86 hours

**Course assessment**

The final number of assessed students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

**Instructor:** doc. PhDr. Ing. Martin Bod'a, PhD.

**Last changed:** 18.12.2021

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_EEUINT	<b>Course name:</b> Economics of European Integration
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> <b>a) continuous assessment:</b> Continuous assessment 0 – 20 points. (The student is required to present one theme during semester, which will carry out a weight of maximum 16 points actively participate on seminars: maximum 4 points) <b>b) final assessment:</b> Final written test 0 – 80 points	
<b>Learning objectives:</b> After completion of the course student: <ul style="list-style-type: none"> <li>- expand the knowledge of European economic integration dimension,</li> <li>- will be able to understand the fundamental processes in European economic integration,</li> <li>- will have a knowledge of policies related to the EU economic integration</li> <li>- evaluate the nature of problems in European economic integration and their possible solutions,</li> <li>- create, argue and defend one's own views of European economic integration</li> </ul>	
<b>Brief outline of the course:</b> Economic integration in the EU. The process of integration in European countries from the Treaties of Rome to the present. Common trade policy of the EU. Microeconomics of European integration. Basic microeconomic tools and the customs union. Economics of preferential liberalization. Growth effects and factor market integration. Common agricultural policy. Competition rules in the EU internal market. Economic integration, labor markets and migration within the EU and with third countries. Macroeconomics of monetary integration. History of European monetary integration. Monetary policy in the euro area – objective, tools and policy measures.	
<b>Recommended literature:</b> 1. BALDWIN, R.; WYPLOSZ, Ch. 2022. The Economics of European Integration. 7th. edition. McGraw-Hill Education. ISBN 9781526849434 (resp. 4. vydanie v českom jazyku: BALDWIN, R.; WYPLOSZ, Ch. 2013. Ekonomie evropské integrace. 4. vydání. Praha: Grada Publishing. ISBN: 978-80-247-4568-8) 2. JOVANOVIĆ, M. N. 2013. The Economics of European Integration, 2nd Edition. Edward Elgar Publishing; 2nd edition. ISBN 13: 9780857933973	

3. POMFRET R. W. T. 2021. The Economic Integration of Europe. Harvard University Press 2021-06-25, Cambridge (2021). ISBN 10: 0674244133 ISBN 13: 9780674244139
4. Zmluva o fungovaní Európskej Únie (Konsolidované znenie) <https://eur-lex.europa.eu/legal-content/SK/TXT/PDF/?uri=CELEX:12012E/TXT&from=EN>
5. Oficiálne stránky Európskej únie: [https://european-union.europa.eu/index\\_sk](https://european-union.europa.eu/index_sk) a Európskej centrálnej banky <https://www.ecb.europa.eu/home/html/index.sk.html>

**Language of instruction:**

**Notes:student time load:**

**Course assessment**

The final number of assessed students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

**Instructor:** Ing. Mariana Považanová, PhD.

**Last changed:** 19.03.2023

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_TV	<b>Course name:</b> Field Research
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> As part of the course, students will solve assignments from practice (e.g. in cities, municipalities, authorities, non-profit entities, business entities). As long as the terms of the assignment will allow it, authorities from practice will be directly involved in the evaluation. As part of the ongoing assessment, students will be required to participate in field research realized in the form of meetings with relevant subjects from practice, excursions etc. - associated with collecting data in the territories of municipalities or other organizations or in a different form depending on assignments. The number of points to be earned for continuous and final assessment is 100 on the grading scale. Credits are assigned to the student who has obtained a minimum of 65 out of 100 points for fulfilling the requirements of the course assessment. <b>a) continuous assessment:</b> completion of field research to the required extent: 0-50 score <b>b) final assessment:</b> processing of seminar paper: 0-50 score	
<b>Learning objectives:</b> Student after successful completion of the course: <ol style="list-style-type: none"> <li>1. is able to use the appropriate apparatus of scientific methods when solving a research assignment,</li> <li>2. is able to independently and methodically correctly solve research assignments,</li> <li>3. can apply various methods and forms of data collection in field research,</li> <li>4. assesses the suitability of primary and secondary data processing methods in fulfilling research objectives,</li> <li>5. is able to evaluate research questions and hypotheses through scientific and mathematical-statistical methods and choose them appropriately for primary and secondary processing data,</li> <li>6. creates an action plan for field research based on the assignment and research priorities, which will result in a proposal of strategies for solving the research problem.</li> </ol>	
<b>Brief outline of the course:</b> Assigning the research problem. Defining the field research goal and partial goals. Definition of the subject and object of research. Study of relevant literature sources. Determination of research questions and hypotheses. Selection of a suitable apparatus of scientific methods. Selection of research sample. Determination of methods and forms of data collection. Data	

collection. Secondary data processing methods. Methods of primary data processing. Data analysis and evaluation. Strategy proposal / proposal solutions to the research problem. Creating an action plan. Presentation of field research results. Evaluation of the assignment, including peer evaluation.

**Recommended literature:**

1. GONDA, V. a kol. 2009. Metodika vedeckej práce, Bratislava: EKONÓM, 252 s. ISBN 978-80-225-2797-2
2. HORÁČEK, J., RISTVEJ, J. 2007. Tvorba metodiky projektu výskumu, EDIS — vydavateľstvo ŽU, Žilina, 32 s., ISBN 978-80-8070-773-6.
3. MACK, N., a kol. 2005. Qualitative Research Methods: A data collector's field guide. North Carolina: Family health international. 119 s. ISBN 0-939704-98-6.
4. MEŠKO, D., KATUŠČÁK, D., FINDRA, J., a kol. 2005. Akademická príručka. 2 vyd., Osveta, Martin, 496 s. ISBN 80-8063-200-6.
5. McCOMBES, S. 2020. How to write a research methodology. Dostupné na internete: <https://www.scribd.com/document/481922588/Writing-Research-Methodology>
6. OCHRANA, F. 2009. Metodologie vědy. Praha: Karolinum. 156 s. ISBN 9788024616094.
7. RISTVEJ, J., KAMPOVÁ, K. 2010. Vedecké metody. In Trilobit 2010. Dostupné na internete: <http://www.trilobit.fai.utb.cz/vedecke-metody>

**Language of instruction:**

Slovak

**Notes:student time load:**

120 hours, of which:

Combined study (Lectures, Seminars, Consultations): 26

Self-study: 24

Field research and processing of seminar paper: 70

**Course assessment**

The final number of assessed students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

**Instructor:** Ing. Filip Flaška, PhD., doc. Ing. Stanislav Kološta, PhD., doc. Ing. Radoslav Kožiak, PhD., Ing. Katarína Sýkorová, PhD., prof. Ing. Anna Vaňová, PhD., doc. Ing. Katarína Vitálišová, PhD., doc. Ing. Kamila Borseková, PhD.

**Last changed:** 24.08.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_FT1(TV1)	<b>Course name:</b> Field Trip 1
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: elaboration and presentation of the secondary research (partial study) in selected tourism region, active participation in seminars (60 %), b) final assessment: elaboration of the seminar paper presenting the findings of the secondary research conducted in selected tourism region (40 %). The number of points to be earned for continuous and final assessment is 100 on the grading scale. Credits are assigned to the student who has obtained a minimum of 65 out of 100 points for fulfilling the requirements of the course assessment. <b>a) continuous assessment:</b> Elaboration and presentation of the secondary (partial study) research in selected tourism region, active participation in seminars (60 %). <b>b) final assessment:</b> Elaboration of the seminar paper presenting the findings of the secondary research conducted in selected tourism region (40 %).	
<b>Learning objectives:</b>	
<b>Brief outline of the course:</b> Selection of destination for realization of the field trip. Getting skills in secondary research and elaboration and evaluation of the secondary data from selected destination: primary and secondary supply, marketing, tourist infrastructure and its analysis, demand for tourism, presentation of the destination and its marketing, socio-economic development of the destination, analysis of the competences and responsibilities of the existing tourism organisations and DMOs, values and traditions of the destination, SWOT analysis and brief outline of the tourism development strategy.	
<b>Recommended literature:</b> 1. KUČEROVÁ, J. 2015. Plánovanie a politika v cieľových miestach cestovného ruchu. Banská Bystrica : Belianum, ISBN 978-80-557-0871-3. 2. KUČEROVÁ, J., MARÁKOVÁ, V., GAJDOŠÍK, T., GAJDOŠÍKOVÁ, Z., MARCIŠ, M. 2019. Udržateľná konkurencieschopnosť cieľových miest cestovného ruchu. Banská Bystrica : DALI-BB, 2019. 140 s. ISBN 978-80-8141-221-9. 3. GÚČIK, M. a kol. 2011. Marketing cestovného ruchu. Banská Bystrica : Slovak-Swiss Tourism, 2011. ISBN 978-80-89090-85-3.	

4. GÚČIK, M. a kol. 2007. Manažment regionálneho cestovného ruchu. Banská Bystrica : Slovak- Swiss Tourism, 2007. ISBN978-80-80990-34-1.

**Language of instruction:**

Slovak, English.

**Notes:student time load:**

120 hours.

**Course assessment**

The final number of assessed students: 89

A	B	C	D	E	FX
83.15	16.85	0.0	0.0	0.0	0.0

**Instructor:** Ing. Diana Kvasnová, PhD., Ing. Matúš Marciš, PhD.

**Last changed:** 07.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_FT2(TV2)	<b>Course name:</b> Field Trip 2
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 8	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: active participation at seminars, participation in the elaboration of the final study dealing with the development of tourism in the selected destination, possible participation in the Students Scientific Activity, participation in the preparation of the itinerary of the excursion and its organisation (transport, accommodation, catering, visits of tourist attractions, organising of meetings with the stakeholders in the destinations) (0-50 %), b) final assessment: participation in the excursion (5 days) (0–50 %). The number of points to be earned for continuous and final assessment is 100 on the grading scale. Credits are assigned to the student who has obtained a minimum of 65 out of 100 points for fulfilling the requirements of the course assessment. <b>a) continuous assessment:</b> Active participation at seminars, participation in the elaboration of the final study dealing with the development of tourism in the selected destination, possible participation in the Students Scientific Activity, participation in the preparation of the itinerary of the excursion and its organisation (transport, accommodation, catering, visits of tourist attractions, organising of meetings with the stakeholders in the destinations) (0-50 %). <b>b) final assessment:</b> Participation in the excursion (5 days) (0–50 %).	
<b>Learning objectives:</b>	
<b>Brief outline of the course:</b> Analysis of selected tourist destination identified in Field trip I., the impact of tourism on the regional development. Consultations with the stakeholders in tourist destination. Analysis of data about tourism development in the selected destination, tourism development strategy. Obtaining the skills in the organisation of the excursion, abilities to discuss with tourism experts in praxis the proposed strategy and solutions of the identified problems, to get experience as tourist guide during excursion, to be able to solve possible conflicts among member of the excursion, to be responsible for the organisation of the meetings and realization of the excursion.	
<b>Recommended literature:</b> 1. GÚČIK, M. a kol. 2011. Marketing cestovného ruchu. Banská Bystrica: Slovak-Swiss Tourism, 2011. ISBN 978-80-89090-85-3.	



<p>2. GÚČIK, M. a kol. 2007. Manažment regionálneho cestovného ruchu. Banská Bystrica: Slovak-Swiss Tourism, 2007. ISBN978-80-80990-34-1.</p> <p>3. Rozvoj cestovného ruchu v regiónoch. Metodická príručka II. Bruggy-Banská bystrica, 2002.ISBN 80-967649-3-4.</p>					
<p><b>Language of instruction:</b> Slovak, English.</p>					
<p><b>Notes:student time load:</b> 120 hours.</p>					
<p><b>Course assessment</b> The final number of assessed students: 63</p>					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
<p><b>Instructor:</b> Ing. Matúš Marciš, PhD.</p>					
<p><b>Last changed:</b> 07.06.2022</p>					
<p><b>Approved by:</b> prof. Ing. Hussam Musa, PhD.</p>					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_FRaRB-aj	<b>Course name:</b> Financial Management and Regulation of Banks
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 7	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> The number of points obtained for the interim and final evaluation is 100. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student who has obtained from the subject for meeting the specified conditions at least 65 out of 100 points. a) continuous evaluation: - seminar paper and its presentation: 50%, - continuous test: 50%, b) final evaluation: - the sum of points from the continuous evaluation (at least 65% of the total number of points), resp. correction term from the semester curriculum (at least 65% of the total number of points).	
<b>Learning objectives:</b> Student after successful completion of the course: 1. knows the qualitative and quantitative information in the field of financial management and regulation of a commercial bank, which it obtains from theoretical and practical literary sources and legislation and uses it in solving specific tasks, 2. is able to assess the performance and competitiveness of specific commercial banks, respectively. banking groups, applies data from financial statements to evaluate the performance and competitiveness of a commercial bank, 3. assess indicators of bank profitability, liquidity, productivity, quality of bank assets, using DuPont's decomposition and CAMEL analysis, 4. create the outputs of data analysis in evaluating the efficiency of a commercial bank (CCR, BCC, SBM models) and propose ways to reduce the rate of technical inefficiency in banking, respectively. generalize their knowledge to other business sectors, 5. create, using the ALM simulation, various risk scenarios of the development of the value of the assets and liabilities of a commercial bank, evaluate and interpret the results of the simulation of interest rate movements, 6. apply the acquired knowledge in management at the strategic level, in the creation and implementation of banking strategies, taking into account current trends in banking and applying the principles of social responsibility and ethics in banking business,	

7. based on applied case studies solved during lectures, creates a project for a new banking product via the OnePager system.

**Brief outline of the course:**

1. Current state of the banking sector in the European Union and Slovakia. 2. European System of Central Banks. Monetary policy ECB, Fed, Bank of England, Bank of Japan. 3. Regulation in banking: Basel, EU and SR. Risk measurement and management. 4. Current trends in banking as a starting point for strategic management and planning in a commercial bank. Social responsibility and ethics - part of the banking / corporate culture and business of banking institutions. 5. Evaluation of efficiency, profitability and efficiency in banking. CAMEL. Du Pont's decomposition. 6. Deterministic models of efficiency evaluation in banking. Stochastic models of efficiency evaluation in banking. 7. Asset and liability management of a commercial bank. Accounting and economic models suitable for ALM. 8. Property exposure. 9. Current trends in the offer of banking services in Slovakia and abroad.

**Recommended literature:**

1. ROSE, P. S., HUDGINS, S. C. 2014. Bank management and financial services. Singapore: Mc Graw Hill. p.740. ISBN 978-007-132642-1.
2. MAYES, D. G., SIKLOS, P. L., STURM, J.-E. 2019. The Oxford Handbook of the Economics of Central Banking. New York: Oxford University Press. 808 pp. ISBN 978-0-190626198.
3. MEJSTRÍK, M., PEČENÁ, M., TEPLÝ, P. 2014. Banking in theory and practise. Prague: Charles University. p. 855. ISBN 978-80-246-2870-7.
4. ROSTAGNO, M., ALTAVILLA, C., CARBONI, G., LEMKE, W., MOTTO, R., GUILHEM, A. S., YIANGOU, J. 2019. A Tale of Two Decades: the ECB's Monetary Policy at 20. Working paper series. No 2346/December 2019.
5. WALSH, C. E. 2017. Monetary theory and policy. MIT Press, Ltd. p. 688. ISBN 9780262035811.
6. WEWEGE, L., THOMSETT, M. C. How fintech companies are transforming the retail banking industry through disruptive financial innovation. London : De Gruyter, 3rd edition, ISBN 978-1547418336.
7. ZIMKOVÁ, E. 2016. The retail production process in commercial banking and its evaluation. Prague: Wolters Kluwer. ISBN 978-80-7552-283-2.
8. Relevant statistical databases and papers in high-impact journals.
9. Protocol (No 4) on the Statute of the European System of Central Banks and of the European Central Bank. Official Journal of the European Union C 202/230.

**Language of instruction:**

English

**Notes: student time load:**

210 hours, out of which:

- combined study study (lectures, seminars, consultations): 52 hours (2/2)
- self-study: 90 hours
- case study preparation: 40 hours
- information collection: 28 hours

**Course assessment**

The final number of assessed students: 19

A	B	C	D	E	FX
10.53	21.05	10.53	5.26	52.63	0.0

**Instructor:** prof. Ing. Emília Zimková, PhD., Ing. Michal Mešťan, PhD.

**Last changed:** 03.03.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica					
<b>Faculty:</b> The Faculty of Economics					
<b>Code:</b> D_2_FRP_PS		<b>Course name:</b> Finančné riadenie podniku - prípadové štúdie			
<b>Type, extent and method of instruction:</b>					
<b>Form of instruction:</b> Seminar					
<b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)					
<b>Recommended number of periods:</b> 26					
<b>Method of study:</b> combined					
<b>Number of credits:</b> 4					
<b>Recommended semester/trimester:</b> 1., 3.					
<b>Level:</b> II.					
<b>Prerequisites:</b>					
<b>Course completion conditions:</b>					
<b>Learning objectives:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Language of instruction:</b>					
<b>Notes:student time load:</b>					
<b>Course assessment</b>					
The final number of assessed students: 10					
A	B	C	D	E	FX
80.0	10.0	0.0	0.0	0.0	10.0
<b>Instructor:</b> prof. Ing. Peter Krištofik, Ph.D.					
<b>Last changed:</b> 22.04.2024					
<b>Approved by:</b> prof. Ing. Hussam Musa, PhD.					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_TH	<b>Course name:</b> Game Theory
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: written test – 50 points (theory and applications of zero-sum 2-player games) b) final assessment: written test – 50 points (theory and applications of non-zero-sum 2-player games and n-player games) Re-sit written test - 100 points (all topics of the syllabus)	
<b>Learning objectives:</b> Upon successful completion of the course, the student is able to 1. use theoretical and practical knowledge of game theory in solving business problems, 2. apply the apparatus of game theory in recognizing the basic properties of economic phenomena, 3. consider the adequacy of selected solution methods in different decision-making situations, 4. properly assess and evaluate the capabilities of each entity entering into decision-making process, 5. make the right decision in terms of game theory in the formation of coalitions and negotiations on profit distribution in decision-making situations with the possibility of cooperation of individual entities.	
<b>Brief outline of the course:</b> 1. Subject of game theory, classification of decision situations, applications. 2. Zero-sum 2-player games - matrix games. Solution in pure strategies. Optimal player strategies. Existence of solutions in mixed strategies. Dominated strategies. Graphic solution. Solution using linear programming. Games against nature. 3. Non-zero-sum 2-player games. Decision making according to cooperative and non-cooperative approach. Non-cooperative approach - Nash Equilibrium Theorem. Cooperative approach - core of game, optimal distribution of payments. 4. Cooperative games of n players. Characteristic function of a game. Imputation - distribution of payments. Dominance of imputations. Shapley value.	
<b>Recommended literature:</b> 1. FELLNEROVÁ, P., ZIMKA, R. 2000. Lineárne programovanie v ekonómii. Banská Bystrica: Ekonomická fakulta Univerzity Mateja Bela v Banskej Bystrici, 2000. ISBN 978-80-8055-453-6. 2. GOGA, M. 2013. Teória hier, Bratislava, Iura Edition 2013. ISBN 978-80-8078-613-7.	

3. CHOBOT, M., TURNOVEC, F., ULAŠIN, V. 1991. Teória hier a rozhodovania, Bratislava, Alfa, 1991. ISBN 80-05-00702-7.
4. MAŇAS, M. 1974. Teorie her a optimálního rozhodování, SNTL, Praha, 1974. ISBN 2-895-161
5. MAŇAS, M. 1988. Teorie her a její ekonomické aplikace, SPN, Praha, 1983. ISBN 4-938-068
6. BINMORE, K. 1992. Fun and Games. A text on Game Theory. Toronto: D.C. Heath and Company, 1992. ISBN 0-669-24603-4.
7. RASMUSEN, E. 1989. Games and Information. An Introduction to Game Theory. Oxford: Basil Blackwell, 1989. ISBN: 0-631- 15709-3.

**Language of instruction:**

slovak

**Notes:student time load:**

120 hrs

combined study (lectures, seminars, consultations): 26

self-study:68

homeworks: 26

**Course assessment**

The final number of assessed students: 1

A	B	C	D	E	FX
0.0	0.0	100.0	0.0	0.0	0.0

**Instructor:** RNDr. Mária Grausová, PhD.

**Last changed:** 24.10.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_ISvF-aj	<b>Course name:</b> Information Systems in Finance
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 13 <b>Method of study:</b> combined	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> Conditions for passing the subject in the resit term are the same as in the regular term. During the resit term, the student can repeatedly perform any number of partial tests. <b>a) continuous assessment:</b> test from the practical part - data analysis in MS Excel - 20 points <b>b) final assessment:</b> written test from the theoretical part - 40 points test from the practical part - support of managerial decision-making in the program MS Power BI -15 points test from the practical part - data analysis in the database system MS SQL Server - 25 points	
<b>Learning objectives:</b> Upon successful completion of the course, the student <ol style="list-style-type: none"> <li>1. can identify processes in organizations, categorize, model and optimize them,</li> <li>2. is able to assess the suitability of the implementation of a particular information system in context of a particular institution and is able to actively participate in this process,</li> <li>3. is able to evaluate the business performance of the company / institution using Business Intelligence tools,</li> <li>4. can use advanced analytical and prediction tools, which are the basis for management decisions,</li> <li>5. has an overview of current information and communication technologies and trends and can estimate their benefits for a particular company / institution,</li> <li>6. is able to manage data in database systems, that are an essential part of information systems, as well as export, process and analyze this data to obtain information to support management decisions.</li> </ol>	
<b>Brief outline of the course:</b> Information systems in finance - design, implementation, operation and efficiency. Enterprise Resource Planning - definition and functionality. Principles of business informatics. The importance of information systems (IS) for business strategy and business processes. IS functions and components. IS platforms - hardware and software. IS architecture. Cloud Computing and its forms. Categorization of IS, OLTP and OLAP systems. Economic IS and its main functionalities. Comprehensive software solutions for enterprise resource management (ERP), customer relationship management (CRM), vendor management (SCM), enterprise content management (ECM). Electronic business support. Building and managing corporate IS, IS life	



cycle, system integration, outsourcing. IS security (security policy, information security, audit). Trends in business informatics. Management information systems in finance - analysis of data from economic databases, decision support tools - Business Intelligence. Solving practical tasks using MS Excel, MS Power BI, MS SQL Server tools and SQL language support.

**Recommended literature:**

1. ASPIN, A. 2020. Pro Power BI Desktop. New York: Apress. ISBN 978-1-4842-5763-0.
2. DEBARROS, A. 2018. Practical SQL. No Starch Press, 2018. ISBN: 1593278276.
3. KEYES, J. 2019. Financial Services Information Systems. Auerbach Publications. ISBN 9780367398828.
4. KIM, D. 2016. Fundamentals of Information Systems Security. Jones & Bartlett Learning. ISBN 978-1284116458.
5. PARKER, D. 2020. SQL Programming. New Begin Ltd. ISBN: 1801128030.

**Language of instruction:**

English

**Notes:student time load:**

150 hours, of which: Combined study (L, S, K): 39 Independent exercises: 51 Solving tasks assigned in seminars: 60

**Course assessment**

The final number of assessed students: 6

A	B	C	D	E	FX
0.0	50.0	16.67	16.67	16.67	0.0

**Instructor:** RNDr. Miroslav Hužvár, PhD., Ing. Peter Laco, PhD.

**Last changed:** 15.01.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_MF-aj	<b>Course name:</b> International Finance
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 7	
<b>Recommended semester/trimester:</b> 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: - seminar work and its presentation: 20% - continuous test: 30% b) final evaluation: - final test: 50%	
<b>Learning objectives:</b> After completion of the course, the student can: 1. use critical understanding of current theoretical and practical issues of balance of payment, 2. identify the determinants of exchange rate change in time and understand the changing nature of international financial environment and international monetary system, 3. apply and carry out primary research based on real data to evaluate issues in international finance, 4. evaluate critically analytical procedures in international finance, 5. evaluate and interpret empirical works in interest rates and exchange rates, 6. based on applied case studies solved during lectures, create a balanced view of decisive factors in international finance.	
<b>Brief outline of the course:</b> Theoretical and practical issues of balance of payment. Determination of the exchange rate. The system of exchange rates, historical development, and current issues of the international monetary system. Foreign exchange market, functions of the foreign exchange market, structure and quoting of foreign exchange rates. FX transactions (spot and forward FX transactions). Balance in international finance. International Parity Conditions. Purchasing power parity (PPP), Fisher effect, International Fisher effect, Interest rate parity, Forward rate as an unbiased predictor. Foreign direct investment. International movement of capital and investment (indirect investment – portfolio investment). European monetary integration, Stability and Growth Pact. Foreign exchange exposure and foreign exchange risk. International monetary institutions (International Monetary Fund, World Bank groups, European Bank for Reconstruction and Development, Bank of International Settlement, European Investment Bank). International liquidity and foreign exchange reserves. International System of Payment.	
<b>Recommended literature:</b>	

1. CHEOL, E., BRUCE, R., TUUGI, CH. 2021. International Financial Management. Mc Graw Hill. 536 pp. ISBN 9781260013870.
2. KRUGMAN, P. R., OBSTFELD, M., MELITZ, M. 2018. International Finance: Theory and Policy. 11th ed. Pearson. 468 pp. ISBN 978-1292238739.
3. CASSIS, Y., WOJCIK, D. 2018. International Financial Centres after the Global Financial Crisis and Brexit. Oxford University Press. 272 pp. ISBN 978-0198817314.
4. EUN, C., RESNICK, B. 2017. International Financial Management. 8th ed. New York: McGraw-Hill. 576 pp. ISBN 978-1259717789.
5. MADURA, J. 2011. International Financial Management. Cengage Learning. 736 pp., ISBN 978-0538482967.
6. PAUL, R. KRUGMAN, OBSTFELD, M., MELITZ, M. 2011. International Economics: Theory and Policy. Addison-Wesley. 736 pp. ISBN 978-0132146654.

**Language of instruction:**

English

**Notes:student time load:**

210 hours, out of which:

- combined study (Lectures, Seminars, Consultations): 52 hours
- self-study: 100 hours
- project preparation: 50 hours
- data collection: 8 hours

**Course assessment**

The final number of assessed students: 26

A	B	C	D	E	FX
23.08	34.62	26.92	11.54	3.85	0.0

**Instructor:** prof. Ing. Hussam Musa, PhD., prof. Ing. Peter Krištofík, Ph.D., Ing. Ivan Sedliačik, PhD., Ing. Katarína Izáková, PhD.

**Last changed:** 03.02.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_MFM-f-aj	<b>Course name:</b> International Financial Management
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 13 <b>Method of study:</b> combined	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: - seminar paper and its presentation: 20 % b) final assessment: - final test: 80 %	
<b>Learning objectives:</b> After completion of the course, the student can: 1. use financial models and analytical techniques in the realization of international transactions, 2. think globally and understand determinants and consequences of international financial transactions, 3. apply economic and market indicators in decision-making processes within an organisation while applying the acquired knowledge and skills, 4. evaluate and discuss economic and financial standing of a multinational company, 5. evaluate decisions taken according to economic subjects and their interaction on the market, 6. create a balanced opinion in connection with decisive facts in the field of international financial markets.	
<b>Brief outline of the course:</b> Globalization and international companies. International financial environment. International companies and their international activities. Acquisition of financial resources and capital structure. Internationalisation of capital costs. Market liquidity and segmentation. Multinational companies and the process of securitization. Decisions about foreign investments. Company strategy and foreign investment. Political risk. Management of working capital. Measures in the process of managing international working capital. Multinational cash management. International capital budgeting. Transfer valuation. International Inventory and Accounts Receivable Management. Taxation of International companies. Tax havens and offshore entrepreneurship. Risk and hedging MNC. Financing of International Trade.	
<b>Recommended literature:</b> 1. CHEOL, E., BRUCE, R., TUUGI, CH. 2021. International Financial Management. Mc Graw Hill. ISBN 9781260013870.	

<p>2. EUN, C., RESNICK, B. 2017. International Financial Management. 8th ed. New York: McGraw-Hill. 576 pp. ISBN 978-1259717789.</p> <p>3. MADURA, J. 2011. International Financial Management. Cengage Learning. 736 p., ISBN 978-0538482967-1.</p> <p>4. PAUL, R. KRUGMAN, OBSTFELD, M., MELITZ, M. 2018. International Finance: Theory and Policy. Pearson. 468 p. ISBN 978-1292238739.</p> <p>5. CASSIS, Y., WOJCIK, D. 2018. International Financial Centres after the Global Financial Crisis and Brexit. Oxford University Press. 272 p. ISBN 978-0198817314.</p>																	
<p><b>Language of instruction:</b> English</p>																	
<p><b>Notes:student time load:</b> 150 hours, out of which: - combined study (Lecture, Seminar, Consultation): 39 hours (2/1 per week) - self-study: 60 hours - preparation of a project: 25 hours - collection of data: 11 hours - seminar project and defence: 15 hours</p>																	
<p><b>Course assessment</b> The final number of assessed students: 17</p> <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>FX</th> </tr> </thead> <tbody> <tr> <td>5.88</td> <td>41.18</td> <td>29.41</td> <td>0.0</td> <td>23.53</td> <td>0.0</td> </tr> </tbody> </table>						A	B	C	D	E	FX	5.88	41.18	29.41	0.0	23.53	0.0
A	B	C	D	E	FX												
5.88	41.18	29.41	0.0	23.53	0.0												
<p><b>Instructor:</b> prof. Ing. Hussam Musa, PhD., Ing. Ivan Sedliačik, PhD.</p>																	
<p><b>Last changed:</b> 18.01.2022</p>																	
<p><b>Approved by:</b> prof. Ing. Hussam Musa, PhD.</p>																	

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_UdESSAP	<b>Course name:</b> Introduction to SAP
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) Continuous assessment: seminar work - 60 points b) Final assessment: test - 40 points	
<b>Learning objectives:</b> Upon completion of the course, the student: <ol style="list-style-type: none"> <li>1. Is able to analyze and graphically represent organizational structures of individual types of legal entities (small and large - national and multinational) from the perspective of economic information system .</li> <li>2. Is able to identify, describe, analyse and visualise business processes in a selected software tool.</li> <li>3. Can apply theoretical knowledge of business economics (mainly accounting, financial management, logistics, ...) in defining the content of basic and additional functionalities of the economic IS (financial accounting, controlling, logistics, human resources,...).</li> <li>4. Is able to understand the "SAP system landscape", to design a SAP implementation project in an enterprise.</li> </ol>	
<b>Brief outline of the course:</b> Introduction to the SAP economic system - categorization of companies from the point of view of economic information systems and visualization of their organizational structures according to the requirements of the economic information system, economic processes, their categorization and visualization. Explain the basic, additional and specific functionalities of economic information system, coverage of process areas by functionalities of the economic information system. Familiarization with SAP SDU (Slovak Demo University) system setup, system landscape. Basic user control and administration, working with master records.	
<b>Recommended literature:</b> <ol style="list-style-type: none"> <li>1. KRIŠTOFÍK, P. et al. 2010. Podnikové financie. Banská Bystrica: Duma BB, 2010. ISBN 978-80-967833-6-X.</li> <li>2. KRIŠTOFÍK, P., SAXUNOVÁ, D., ŠURANOVÁ, Z., 2011. Finančné účtovníctvo a riadenie s aplikáciou IAS/IFRS. Bratislava: Iura Edition, 2011. 803 s. ISBN 978-80-8078-396-9</li> <li>3. ANDERSON, G. 2012. Naučte se SAP za 24 hodín. Brno : Computer Press, 2012. ISBN 978-80-251-3685-0.</li> <li>4. PATEL, M. 2010. SAP ERP Financials. Brno: Computer Press, 2010. 453 s.</li> </ol>	

ISBN 978-80-251-2488-8 5. MAASEN, 2007. Maasen A., Schoenen M., Frick D., Gadatsch A.: SAP R/3, Kompletní průvodce. Brno – Computer Press. 2007. 1.vydanie. ISBN 978-80-251-1750-7 6. SAP Learning Hub, www.sap.sk. 7. On line tutoriály a dokumentácia k systému SAP: <a href="http://help.sap.com/">http://help.sap.com/</a> 8. Ekonomický systém SAP SDU a dokumentácia k finančnému systému SOFIA					
<b>Language of instruction:</b> Slovak					
<b>Notes:student time load:</b> 120 hours out of which Combined study (Seminars, Consultations): 26 / Self-study and solution of given tasks: 44 / Elaborating seminar work: 50					
<b>Course assessment</b> The final number of assessed students: 84					
A	B	C	D	E	FX
82.14	2.38	4.76	1.19	2.38	7.14
<b>Instructor:</b> Ing. Igor Kollár, PhD., Ing. Peter Laco, PhD.					
<b>Last changed:</b> 16.03.2023					
<b>Approved by:</b> prof. Ing. Hussam Musa, PhD.					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_INV-aj	<b>Course name:</b> Investment
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Practical <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 6	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: - seminar paper and its presentation: 20% - continuous test: 30% b) final evaluation: - final test: 50%	
<b>Learning objectives:</b> After completing the course, student: <ol style="list-style-type: none"> <li>1. know the different asset classes and investment opportunities in the financial market,</li> <li>2. be able to recognise and identify the riskiness of different investment asset classes as well as current investment trends (ESG investing),</li> <li>3. can place trade orders to buy or sell ETFs via their preferred trading platform (broker) in the case of regular savings or one-off investments,</li> <li>4. can analyse the impact of macroeconomic indicators on the development of stocks and bonds, and value these financial assets,</li> <li>5. be able to measure and evaluate the performance and riskiness of investments through a variety of standardly used financial indicators,</li> <li>6. acquire a basic understanding of the operation of pension capitalisation pillars at home and abroad and of pension portfolio construction,</li> <li>7. become familiar with the basics of financial advice and financial intermediation with regard to the personal management of assets and liabilities (Wealth Management) of individuals,</li> <li>8. be able to critically assess and evaluate the information and data needed to make investment decisions,</li> <li>9. will acquire basic techniques and approaches to the analysis of financial instruments and will be able to create an analysis and evaluation of the profitability and riskiness of various financial instruments in the financial market.</li> </ol>	
<b>Brief outline of the course:</b> Financial and investment literacy. The essence of active and passive management of investors' funds and basic investment strategies. Characteristics of the 2008 financial crisis and the 2020 health COVID crisis and their impact on financial markets. Investing in corporate bonds and current trends. Valuation of bonds. Bond portfolio. Interest rates. Equities and the stock market. Fundamentals of	



valuation of publicly traded company stocks Discounted cash flow method and relatively valued companies. Characteristics of hedge funds. The personality and investments of Warren Buffett. Selecting the right broker as the basis for optimal stock investing. Preferred trading platforms used by investors for investing. Technical and fundamental analysis of stocks. Regular versus one-off investing. Characteristics and investment through ETFs in practice. Definition of selected world stock indices (S&P500, Nasdaq100, MSCI World, STOXX Europe...). The essence of trading and investing by commercial banks in the financial market. Current trends in investment-ESG (Environmental, Social and Governance). Measurement of investment performance and riskiness. Basic indicators used in financial practice. The importance and use of these indicators in investment decisions. Analysis and creation of personal pension portfolios in Slovakia and EU countries. Basic legislation at local and European level in the field of pensions and pension schemes. Analysing, evaluating and selecting financial and pension products in terms of return, risk, time, cost and tax efficiency, complemented by insights from behavioural economics and behavioural finance. Wealth management from a financial advisory and financial intermediation perspective, basic tools, functions and approaches to managing an individual's assets and liabilities.

**Recommended literature:**

1. GRAMAH, B. 2021. Intelligent Investor: The Classic Text on Value Investing. New York: HarperCollins Publishers Inc. 304 s. ISBN 978-00-607-5261-3.
2. KOLLER, T., GOEDHART, M., WESSELS, D. 2015. Valuation: Measuring and Managing the Value of Companies. 6th Edition. New Jersey: Wiley. ISBN: 978-1-118-87373-1.
3. MESTAN, M., KUBAŠKA, P., KRALIK, I. 2016. Evaluating financial performance of pension funds in Slovakia. In International Scientific Conference FERNSTAT 2016. s. 105-114. Dostupné na internete: <https://bit.ly/31so5Jy>
4. DAMODARAN, A. 2012. Investment Valuation: Tools and Techniques for Determining the Value of Any Asset, 3rd Edition. New York: Wiley. 992 s. ISBN 978-1-118-01152-2.
5. KIESO, D. E., WEYGANDT, J. J., WARFIELD, T. D. 2016. Intermediate accounting. 16 vyd. New York: Wiley. 1552 s. ISBN 978-1-118-74320-1.
6. SUBRAMANYAM, K. R. 2014. Financial statement analysis. 11. vyd. New York: McGraw-Hill. 816 s. ISBN 978-00-7811-096-2.
7. VALDEZ, S., MOLYNEUX, P. 2013. Introduction to Global Financial Markets. 7th ed., Palgrave Macmillan. ISBN 978-1-137-00752-0.
8. DRAKE, P. P., FABOZZI, F. J. 2010. The Basics of Finance: An Introduction to Financial Markets, Business Finance, and Portfolio Management. John Wiley & Sons. ISBN 978-0-470-60971-2.
9. DRAKE, P. P., FABOZZI, F. J. 2009. Finance: Capital Markets, Financial Management and Investment Management. The Frank J. Fabozzi Series: John Wiley & Sons. ISBN 978-0-470-40735-6.
10. VILCEK, I. 2016. Evaluation of Investment Strategies. Univerzita Komenského v Bratislave – Fakulta matematiky, štatistiky a informatiky – rigorózna práca. Dostupné na internete: <https://bit.ly/3n1epNH>
11. ELTON, J. E., GRUBER, M. J. 2020. A Review of the Performance Measurement of Long-Term Mutual Funds. In Financial Analyst Journal, vol. 76, iss. 3. Dostupné na internete: <https://doi.org/10.1080/0015198X.2020.1738126>
12. BLAKE, D. 2012. Pension Finance. Wiley Online Library. ISBN 978-04-700-5843-5. Dostupné na internete: <https://doi.org/10.1002/9781119208945>
13. BRUNEL, J. L P. 2015. Goals-Based Wealth Management: An Integrated and Practical Approach to Changing the Structure of Wealth Advisory Practices. New York: United States, John Wiley & Sons Inc. 272 s. ISBN: 978-11-189-9590-7.

14. BIKKER, J. 2019. Pension Fund Economics and Finance: Efficiency, Investments and Risk-Taking. Taylor & Francis. Ltd. 256 s. ISBN: 978-03-678-7775-0.
15. Act No. 595/2003 Coll. Income Tax Act.
16. BOFFO, R., PATALANO, R. 2020. ESG Investing: Practices, Progress and Challenges. OECD Paris. Dostupné na internete: [www.oecd.org/finance/ESG-Investing-Practices-Progress-and-Challenges.pdf](http://www.oecd.org/finance/ESG-Investing-Practices-Progress-and-Challenges.pdf)
17. HILL, J. 2020. Environmental, Social and Governance (ESG) Investing: A Balanced Analysis of the Theory and Practice of a Sustainable Portfolio. Academic Press Inc., Elsevier Science Publishing Co Inc. 370 s. ISBN 978-01-281-8692-3.
18. CFA INSTITUTE. 2020. Quantitative investment analysis, 4th Edition. CFA Institute Investment Series. New York, USA: John Wiley & Sons Inc. ISBN 978-1-119-74364-4.
19. BAKER, H. K., FILBECK, G., NOFSINGER, J. R. 2019. Behavioral Finance: What Everyone Needs to Know®. New York, USA: Oxford University Press Inc. ISBN 978-01-9086-873-4.
20. AMBACHTSHEER, K. P. 2016. The Future of Pension Management: Integrating Design, Governance, and Investing. New York, USA: John Wiley & Sons Inc. ISBN 978-1-119-19102-5.
21. GRAHAM, B., DODD, D. 2020. Security Analysis: Sixth Edition, Foreword by Warren Buffet. New York, United States: McGraw-Hill Education - Europe. s. 700. ISBN 978-00-715-9253-6.

**Language of instruction:**

English

**Notes:student time load:**

180 hours, out of which:

- combined form (Lecture, Seminar, Consultation): 52 hours (2/2)
- self-study: 90 hours
- preparation of seminar paper/project and presentation: 50 hours
- data collection: 8 hours

**Course assessment**

The final number of assessed students: 8

A	B	C	D	E	FX
25.0	0.0	25.0	50.0	0.0	0.0

**Instructor:** prof. Ing. Peter Krištofik, Ph.D., Ing. Michal Mešťan, PhD.

**Last changed:** 25.08.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_InOb	<b>Course name:</b> Investment Trades
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: b) final evaluation: final test: 100 %	
<b>Learning objectives:</b> After completing the course, student: <ol style="list-style-type: none"> <li>1. know the different asset classes and investment opportunities in the financial market,</li> <li>2. be able to recognise and identify the riskiness of different investment asset classes as well as current investment trends (ESG investing),</li> <li>3. can place trade orders to buy or sell ETFs via their preferred trading platform (broker) in the case of regular savings or one-off investments,</li> <li>4. be able to critically assess and evaluate the information and data needed to make investment decisions.</li> </ol>	
<b>Brief outline of the course:</b> Financial and investment literacy. Investing in corporate bonds and current trends. Central bank interest rates and their impact on investment. Factors influencing investment. Shares and the stock market. Bull and bear markets. Characteristics of hedge funds. Warren Buffett's personality and investments. Choosing the right broker as a basis for good investing. Preferred trading platforms used by investors for investing. Collective investment and characteristics of mutual funds. Investing through ETFs in practice. Definition of selected world stock indices (S&P500, Nasdaq100, MSCI World, STOXX Europe...). Current trends in investment-ESG (Environmental, Social and Governance).	
<b>Recommended literature:</b> <ol style="list-style-type: none"> <li>1. GRAHAM, B. – ZWEIG, J. 2008. Inteligentní investor. Grada Publishing, Praha, 2008, ISBN 978-80-247-1792-0.</li> <li>2. GLADIŠ, D. 2021. Akciové investice. Grada Publishing, Praha, 2021. 216 s. ISBN 9788027131228.</li> <li>3. PINTER, L. – MEŠŤAN, M. 2020. Kolektívne investovanie. Belianum UMB, Banská Bystrica. 2020, 126 s. ISBN: 978-80-557-1711-1.</li> <li>4. MEŠŤAN, M. – PINTER, L. 2022. Kolektívne investovanie a sporenie na dôchodok. Belianum UMB, Banská Bystrica. 2022</li> </ol>	

5. KOLLER, T. - GOEDHART, M. - WESSELS, D. 2015. Valuation: Measuring and Managing the Value of Companies. 6th Edition. Hoboken (New Jersey): Willey, 2015. ISBN: 978-1-118-87373-1.
6. VALDEZ, S., - MOLYNEUX, P. 2013. Introduction to Global Financial Markets. 7th ed., Palgrave Macmillan, 2013. ISBN 978-1-137-00752-0.
7. DRAKE, P. P.,- FABOZZI, F. J. 2010. The Basics of Finance: An Introduction to Financial Markets, Business Finance, and Portfolio Management. John Willey & Sons. ISBN 978-0-470-60971-2.
8. DRAKE, P. P., - FABOZZI, F. J. 2009. Finance: Capital Markets, Financial Management and Investment Management. The Frank J. Fabozzi Series: John Wiley & Sons. ISBN: 978-0-470-40735-6.
9. ELTON, J. E. - GRUBER, M. J. 2020. A Review of the Performance Measurement of Long-Term Mutual Funds. In Financial Analyst Journal Volume 76 Issue 3. DOI: <https://doi.org/10.1080/0015198X.2020.1738126>
10. Zákon č. 595/2003 Z. z. o dani z príjmov v znení neskorších predpisov
11. BOFFO, R. – PATALANO, R. 2020. ESG Investing: Practices, Progress and Challenges. OECD Paris. Dostupné na internete: [www.oecd.org/finance/ESG-Investing-Practices-Progress-and-Challenges.pdf](http://www.oecd.org/finance/ESG-Investing-Practices-Progress-and-Challenges.pdf)
12. HILL, J. 2020. Environmental, Social and Governance (ESG) Investing: A Balanced Analysis of the Theory and Practice of a Sustainable Portfolio. Academic Press Inc., Elsevier Science Publishing Co Inc. 370 s. ISBN: 978-01-281-8692-3.
13. CFA INSTITUTE. 2020. Quantitative investment analysis, 4th Edition. CFA Institute Investment Series. New York, USA: John Wiley & Sons Inc. ISBN: 978-1-119-74364-4.
14. BAKER, H. K. - FILBECK, G. - NOFSINGER, J. R. 2019. Behavioral Finance: What Everyone Needs to Know®. New York, USA: Oxford University Press Inc. ISBN: 9780190868734.
15. GRAHAM, B. - DODD, D. 2020. Security Analysis: Sixth Edition, Foreword by Warren Buffet. New York, United States: McGraw-Hill Education - Europe. s. 700. ISBN: 978-00-715-9253-6.

**Language of instruction:**

Slovak

**Notes:student time load:**

Combined form (Lecture, Seminar, Consultation): 26 hours (0/2)

Self-study: 10 hours

Preparation of seminar paper/project and presentation:

Data collection:

**Course assessment**

The final number of assessed students: 130

A	B	C	D	E	FX
36.92	24.62	27.69	7.69	3.08	0.0

**Instructor:** Ing. Ľubomír Pintér, PhD.

**Last changed:** 27.10.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_USR	<b>Course name:</b> Learning Regions
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> Number of points acquired for continuous and final assessment is 100. It corresponds with the evaluation scale. Credits are given to a student, who has acquired minimum 65 out of 100 points. <b>a) continuous assessment:</b> 20 points for active in-class participation <b>b) final assessment:</b> 80 points for project presentations	
<b>Learning objectives:</b> After completion of the course, the student can 1. apply the theoretical knowledge as well as practical skills to the decision-making process 2. identify problems related to regional development, and suggest their solutions in accordance with the latest trends in regional development 3. apply the acquired knowledge and skills in multidisciplinary contexts 4. evaluate relevance and importance of multispectral regards in developing activities of regions 5. improve analytical and critical principles of thinking 6. understand causality in regard to particular issues and elaborate presentations that will suggest modern concepts of development, or criticism of existing concepts of a learning region.	
<b>Brief outline of the course:</b> Contemporary theories related to regional development. Institutional theories of regional development – comparison, critical approach. A short history of learning regions, basic characteristics of learning regions, key processes and infrastructure. Criticisms of learning regions theories, problematic issues, possibilities of their solutions, suggestions of principles that might be applied to practice. Knowledge, education and trainings, and universities of regional development. Chartercities. Innovations and regional innovation systems. Economic sociology. Local Governance and social innovations. Innovations regulated by citizens. Live laboratories. Smart specialization and competitiveness in regional development. Smartcities and regions. Residential mobility and localization of households. Real estate market. Concepts of small town development.	
<b>Recommended literature:</b> 1. ČAPKOVÁ a kol. 2011. Regionálny rozvoj a inovácie. EF UMB. 140 s. ISBN 978-80-557-0130-1.	

2. ŠIPIKAL, M., PARÍZKOVÁ, J. 2009. Učiace sa regióny. Bratislava: Ekonóm, 2009. 106 s. ISBN 978-80-225-2732-3.
3. STORPER, M.: Keys to the City:HowEconomics, Institutions, SocialInteraction, and PoliticsShapeDevelopment. 2013. ISBN: 9781400846269
4. R. CAPELLO,P. NIJKAMP: HandbookofRegionalGrowth and DevelopmentTheories. 2009.
5. Current sources published in scholarly journals, RSAI, Internet sources

**Language of instruction:**

Slovak, English

**Notes:student time load:**

180 hours

Combined study (P, S, K): 26

Self-study: 70

Preparation of the presentation with the required material: 30

Preparation of the project: 54

**Course assessment**

The final number of assessed students: 79

A	B	C	D	E	FX
40.51	39.24	15.19	5.06	0.0	0.0

**Instructor:** Ing. Filip Flaška, PhD., doc. Ing. Stanislav Kološta, PhD.

**Last changed:** 07.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_MVaHPnS	<b>Course name:</b> Macroeconomic Development and Economic Policy in Slovakia (in cooperation with the NBS)
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> Written exam - 100 points	
<b>Learning objectives:</b> Students will gain an overview of the current issues of macroeconomic development in Slovakia and of the most important issues that economic policy has been dealing with recently. It will enable them to put economic policy decisions in the context of macroeconomic developments at home and abroad. The course deals with the impact of the financial crisis and the emerging new challenges in monetary and fiscal policy. The course is organized in collaboration with analysts from institutions such as NBS, BRB and Ministry of Finance for selected topics.	
<b>Brief outline of the course:</b> Introduction, current macroeconomic trends 2. Long-term trends in the economy 3. Experience with monetary integration and the euro. 4. Quantitative Release vs. inflation 5. Non-standard monetary measures, equilibrium rate 6. Modern fiscal policy 7. Expenditure ceilings, debt management strategy and Roma issue 8. Measurement of consolidation in public finances. 9. Budget analysis 10. Pension reform, long-term sustainability 11. Value for money	
<b>Recommended literature:</b> 1. Mankiw, Gregory N., Taylor, Mark P.: Macroeconomics 2. Samuelson, Paul A., Nordhaus, William D.: Ekonómia, 18. vyd. 3. Revues and online resources by topic	
<b>Language of instruction:</b> slovak	
<b>Notes:student time load:</b> 120 hodín	

kombinované štúdium (P, S): 26 samoštúdium: 94					
<b>Course assessment</b> The final number of assessed students: 42					
A	B	C	D	E	FX
16.67	11.9	11.9	23.81	35.71	0.0
<b>Instructor:</b> Ing. Žaneta Lacová, PhD., Ing. Anna Vallušová, PhD.					
<b>Last changed:</b> 07.06.2022					
<b>Approved by:</b> prof. Ing. Hussam Musa, PhD.					



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_Makro2-aj	<b>Course name:</b> Macroeconomics 2
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> The condition for completing the course is passing a combined examination mid-term test, final written test and the oral exam. In total, it is possible to get of 0-50 points from both tests. It is possible to get 0-50 points from the oral exam, i.e. a total of 100 points. The minimum success rate, and thus the condition for successful completion of the course is set at 65 points. The student achieves these points as the sum of the points for the tests and the oral exam.	
<b>a) continuous assessment:</b> A continuous written test, for which the student can receive 0-20 points, is completed approximately halfway through the semester from the material covered up to that point.	
<b>b) final assessment:</b> The final written test, for which the student can obtain 0-30 points, is taken in the period designated for the end of the study obligations from the remaining part of the course. The student registers for the oral part of the exam at the regular term if he has obtained a total of at least 25 points from both written tests (out of 60 points). If, after passing the oral exam, the student did not get at least 65 points in the sum of the points for the tests and the answer to the oral exam, he will take a resit term only from the oral exam, for which he can get 0-50 points again. The points obtained for the tests in the regular term also remain for the resit term of the oral exam. If the student did not get at least 25 points for the tests, he will take the final comprehensive test covering the entire scope of the subject, for which he can get 0-50 points, in the resit term. He can only participate in the oral part of the assessment as resit term if he has achieved at least 25 points in the final comprehensive test. The minimum success rate, and thus the condition for successful completion of the subject, is set at 65 points, which the student receives as the sum of points for the resit test and the oral exam. The student is only entitled to 1 resit term (i.e. either for the test or oral part of the exam).	
<b>Learning objectives:</b> After completion of the course, the student can: <ol style="list-style-type: none"> <li>1. use the acquired knowledge to process and sort out the information about macroeconomic environment in the conditions of an open economy, as well as economic and integration units,</li> <li>2. analyse macroeconomic phenomena and relations on basis of the acquired knowledge, from the point of view of different economic approaches, while developing critical thinking on one hand,</li> </ol>	

and deepening own understanding of the complexity of economic processes in macroeconomic environment on the other,

3. apply the acquired knowledge so as to practically identify the influence of the effect of main factors of macroeconomic environment on chosen economic subjects, with the purpose of modelling future situations, while getting prepared for making decisions in risky and ambiguous conditions,
4. consider practical use of tools of economic policy in solving important macroeconomic problems,
5. assess the most important rules of economic development in current globalized environment with regard to their consequences for households and businesses

**Brief outline of the course:**

Keynesianism: the macroeconomics of wage and price rigidity. Classical business cycle analysis: market clearing macroeconomics. Equilibrium level of output in a closed economy. IS-LM model. Mundell-Fleming model. Fiscal and monetary policy in a small opened economy and coordination between them. Labor market and unemployment. AD-AS model. Inflation, disinflation and the Phillips curve. Exchange rate and balance of payments, mechanism for adjusting external economic imbalances.

**Recommended literature:**

1. ABEL, A. B., BERNANKE, B. S., CROUSHORE, D. 2017. Macroeconomics. 9 th edition. New York: Pearson Education, 2017, 672 s. ISBN 978-0-13-416739-8
2. BARRO, R. J. 2010. Intermediate macroeconomics. 1th edition. Mason: South-Western Cengage Learning. 322 s. ISBN 13: 987-1-439-03913-7
3. BLANCHARD, O., 2021. Macroeconomics, 8th Edition, London, Pearson, ISBN 9780135179062
4. KRUGMAN, P., WELLS, R., 2021. Macroeconomics, 2nd Edition, New York, Worth Publishers, ISBN 978-1319245269
5. MANKIW, N., G. 2019. Macroeconomics. Tenth edition. New York: Worth Publishers, 612 s. ISBN 978-1-319-24358-6
6. Selected resources: The Economist

**Language of instruction:**

English

**Notes: student time load:**

180 hours  
 Combined form (Lecture, Seminar, Consultation): 52  
 self-study: 103  
 collection of data: 25

**Course assessment**

The final number of assessed students: 14

A	B	C	D	E	FX
0.0	21.43	21.43	0.0	57.14	0.0

**Instructor:** Ing. Mariana Považanová, PhD.

**Last changed:** 09.09.2024

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_MIS	<b>Course name:</b> Management Information Systems
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> Successful completion of 2 practical tests in the field of MIS. <b>a) continuous assessment:</b> practical test 1: 50 marks <b>b) final assessment:</b> practical test 2: 50 marks	
<b>Learning objectives:</b> After successfully completing the course, the student: <ol style="list-style-type: none"> <li>1. can assess the appropriateness of deploying a certain management information system in the environment of a specific organization,</li> <li>2. can use the knowledge and skills acquired in the course to analyze data from large economic-oriented databases,</li> <li>3. with using of Business Intelligence tools and Big data technology is able to evaluate the economic results of the organization and use the obtained data correctly in the decision-making process,</li> <li>4. is able to create business analyzes using OLAP technology and present the achieved results,</li> <li>5. is able to obtain non-trivial, hidden and potentially useful information from the analyzed data, 6.</li> <li>is able to assess the possibilities of new information technologies and to implement them in practice in an appropriate way.</li> </ol>	
<b>Brief outline of the course:</b> Introduction to the subject, terminology. Transactional and analytical IS, common and different features. Connections between transaction IS (ERP), management IS (MIS) and Business Intelligence (BI). MIS models. Multidimensional databases, tables of facts, dimensions, and their schemas. Data/information and managerial work with them at different levels of management. Data warehouses and marketplaces, their construction and significance for decision support. Data/information sources for MIS, Extract Transform Load (ETL) tools and outputs from MIS. Technologies based on online analytical processing (OLAP). New trends in data analysis - cloud applications, Big Data, in-memory technologies. Practical financial and economically oriented tasks using the programs MS Business Intelligence Development Studio, MS Sharepoint, MS Excel, etc.	
<b>Recommended literature:</b> 1. LACKO, L.: Business Intelligence v SQL Serveru 2008, Brno: Computer Press, 2009. ISBN 978-80-251-2887-9.	

2. LACKO, L.: Databáze: datové sklady, OLAP a dolování dat. Brno: Computer Press, 2003. ISBN 80-7226-969-0.
3. NOVOTNÝ, O., POUR, J., SLÁNSKÝ, D.: Business Intelligence. Praha: Grada Publishing, 2004. ISBN 80-247-1094-3.
4. PALMER, S., WEAVER, M.: Úloha informací v manažerském rozhodování. Praha: Grada Publishing, 2000. ISBN 80-7169-940-3.
5. LABERGE, R.: Datové sklady. Agilní metody a business intelligence. Brno: Computer Press, 2012. ISBN 978-80-251-3729-1.
6. WARREN, N.: Business Intelligence in MS SharePoint2010. Sebastopol, California: O'Reilly Media, Inc., 2011. ISBN 978-0-735-64340-6.
7. HUMPHRIES, M., HAWKINS, M., W.: Data warehousing, návrh a implementace. Praha: Computer Press, 2002. ISBN 80-7226-560-1.

**Language of instruction:**

Slovak, English

**Notes: student time load:**

120 hours, of which: combined study (L, S, K): 26,  
self-study: 66,  
independent solution of homework: 28.

**Course assessment**

The final number of assessed students: 44

A	B	C	D	E	FX
79.55	13.64	4.55	0.0	0.0	2.27

**Instructor:** Ing. Jolana Gubalová, PhD.

**Last changed:** 02.11.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_MZPvVS	<b>Course name:</b> Management Skills in the Public Sector
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> Number of points acquired for continuous and final assessment is 100. It corresponds with the evaluation scale. Credits are given to a student, who has acquired minimum 65 out of 100 points. <b>a) continuous assessment:</b> Active participation in the seminars – max. 40 points <b>b) final assessment:</b> Written project and its oral presentation – max. 60 points	
<b>Learning objectives:</b> After completion of the course, the student can <ol style="list-style-type: none"> <li>1. use the knowledge on competence profiles of staff in the public sector with the focus on the profiles in non-profit organizations, and the search of vacancies for particular positions</li> <li>2. use the basis of the so called soft skills (which are defined in the syllabus of the subject) and principles of the project management of non-profit organizations, team work, time management, presentations as well as communication</li> <li>3. apply the knowledge to the project elaboration in accordance with practical needs</li> <li>4. assess the quality of non-profit organization management</li> <li>5. assess particular skills and competences that are relevant to specific positions</li> <li>6. elaborate the project – grant application of a non-profit organization which will include budget and promotion of the project.</li> </ol>	
<b>Brief outline of the course:</b> Effective performance of staff in non-profit organization – its effective operation, basic competence profiles (director, project manager, finance manager/economist, fundraiser, marketing manager...). Effective communication – components of communication and their effective use, principles of discussions and facilitations, active listening. Team work – structure and identity of a team, development stages of a team group, formation of a team, process of formation of group/team/organization culture. Motivation – positive and negative motivation, motivation of staff and volunteers, motivation of team players, basic rules of motivation. Time management - Pareto rule, prioritization of tasks, Eisenhower method – quadrant, planning, setting objectives and visions, delegating of tasks. Project management – phases of the project cycle, a tree of causes and consequences, Laswell model, a study of project feasibility, project budget, project promotion.	

Solution of problems and conflicts – causes of conflicts, tools and strategies used for timely identification and solution of conflicts. Presentation skills – presentation techniques, principles of effective presentations, performance in public. Personal development – lifelong learning, self-development and improvement, formal and non-formal education, informal process of learning. Crisis management and risk management – monitoring of risk factors. Prevention of crisis situations, planning, organizing, measuring and controlling of performance.

**Recommended literature:**

1. KOLEKTÍV. 2012. Sborník souhrnných pozic v nestatných neziskových organizáciach. Praha : 1. vydání, 2012. ISBN 978-80-87449-37-0.
2. BENČO, J. - KUVÍKOVÁ, H. a kol. 2011. Ekonomika verejných služieb. Banská Bystrica : Ekonomická fakulta Univerzity Mateja Bela, 2001. 334 s. ISBN 978-80-557-0323-7.
3. DRUCKER, P.: Managing the Non-Profit Organization: Practices & Principles. Diane Pub Co; 1998. ISBN: 0788153315
4. KOLEKTÍV AUTOROV. 2000. Čítanka pre pokročilé neziskové organizácie. Centrum prevencie a riešenia konfliktov, Partners for Democratic Change – Slovakia, 2000. ISBN 80–968095–3–9.
5. MIHÁLIK, J. 2006. Strategický manažment mimovládnych neziskových organizácií. PDCS, 2006, 60 s.

**Language of instruction:**

Slovak/Czech

**Notes: student time load:**

180 hours

Combined study (P, S, K): 68

Self-study: 52

Preparation and presentation of the topic: 20

Preparation of the project: 40

**Course assessment**

The final number of assessed students: 83

A	B	C	D	E	FX
63.86	26.51	6.02	3.61	0.0	0.0

**Instructor:** doc. Ing. Mária Murray Svidroňová, PhD., Ing. Katarína Sýkorová, PhD., Ing. Filip Flaška, PhD.

**Last changed:** 07.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_MIFEU	<b>Course name:</b> Management of EU funds' Implementation
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> The number of points obtained for the interim and final assessment is 100. It corresponds to the classification scale of the assessment. Credits will be awarded to a student who obtained at least 65 out of 100 points in the subject for fulfilling the specified conditions. <b>a) continuous assessment:</b> Processing semester assignments in the specified terms during the semester and its presentation 0-100 points. <b>b) final assessment:</b> does not apply	
<b>Learning objectives:</b> The basic aim of the subject is to supplement the knowledge and skills of students acquired by studying related study programs on the issue of EU cohesion policy with an emphasis on the practical level of implementation of European structural and investment funds through individual OPs in the conditions of the Slovak Republic within the 2014-2020 programming period, as well as to present practical recommendations for period 2020+.	
<b>Brief outline of the course:</b> EU cohesion policy and its framework - introduction to the issue (definitions, programming periods and a brief description of basic terms), Programming period 2014-2020 (basic documents and basic thematic objectives of the SSR and Partnership Agreements of the Slovak Republic 2014-2020, OP and their characteristics, allocations) , The management system at the strategic level and OP level (the structure of bodies at the level of the SR SR and PD SR and at the level of the OP itself, the characteristics and competences of the CKO, RO, SORO, CO, PJ, OA, MV and NMV bodies) and the financial management system ( structure of financial management bodies, financing from the SF and KF and EŠIF, system of financial flows at the national level, irregularities), implementation of OP - calls for submission of ZoNFP (written calls for national projects, preparation of project objectives, ITMS and ITMS2014+, conditions of eligibility), Implementation OP - applications for a non-refundable financial contribution (ZoNFP form, project description, project budget, ZoNFP appendices, submission and receipt of ZoNFP - demand-oriented project ty, national projects), Implementation of OP - evaluation (evaluation process of ZoNFP demand-oriented projects/national projects - evaluation of challenges, process of formal control - KFS and PFK, professional evaluation and selection of ZoNFP, preparation of Agreement	

on the provision of NFP), Implementation of OP - management projects (characteristics of the system of implementation of approved projects – basic roles and responsibilities of the recipient of aid and RO/SORO, project management, financial management, monitoring), Process and forms of public procurement, control and assessment of fulfillment of MU, changes to the contract on the provision of NFP, Protection of the financial interests of European communities and anti-corruption measures (basic characteristics, roles of OLAF and CKU OLAF /UV SR/ in the area of protection of financial interests of the EC, irregularities, return of funds - corrections, exclusion of subjects from financing), Planning and implementation of information campaigns (creation of a campaign plan, selection of tools and communication channels, measuring the efficiency and effectiveness of the campaign), Problematic areas of implementation at the national level and recommendations for the period 2020+, Excursion.

**Recommended literature:**

SR and EU documents

**Language of instruction:**

Slovak

**Notes: student time load:**

120 hours, of which:

combined study (P, S, K): 26

self-study: 50

task processing: 20

collection of information: 24

**Course assessment**

The final number of assessed students: 90

A	B	C	D	E	FX
85.56	4.44	8.89	0.0	1.11	0.0

**Instructor:** doc. Ing. Radoslav Kožiak, PhD.

**Last changed:** 30.09.2024

**Approved by:** prof. Ing. Hussam Musa, PhD.



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_ManU-aj	<b>Course name:</b> Managerial Accounting
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) interim evaluation: - written exam: 0 - 50 points b) final evaluation: - written exam: 0 - 50 points The total number of points obtained for the interim and final evaluation is 100. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student who has obtained from the subject for meeting the specified conditions at least 65 out of 100 points.	
<b>Learning objectives:</b> Student: 1. uses the acquired knowledge in deciding on variants of future development of processes in the company, 2. is able to find appropriate procedures and solutions to cost management problems, 3. applies theoretical knowledge in solving tasks related to internal accounting, costing and corporate budgets, 4. assess the impact of alternative practices and methods on the company's performance, 5. evaluates the applied methods and procedures in terms of their applicability in solving decision-making problems, 6. based on applied case studies solved during lectures, creates performance calculations and partial budgets of costs, revenues, incomes and expenditures.	
<b>Brief outline of the course:</b> Managerial Accounting — Cost Concepts and Job Order Costing. Process Costing Systems and Value Based Costing Systems. Cost-Volume-Profit Analysis and the Budgeting Process. Flexible Budgets, Performance Analysis, and Cash Flow Statements. Standard Costing and Variance Analysis. Short-Run Decision Analysis and Pricing Decisions. Capital Investment Analysis. Financial Statement Analysis.	
<b>Recommended literature:</b> 1. Atkinson, A. A., Banker, R. D., Kaplan, R., Young, S. M. 2001. Management Accounting. New Jersey: Prentice Hall. ISBN 978-01-3010-195-2.	

<p>2. Horngren, CH. T., Sunden, G. L., Stratton, W. O. 2006. Introduction to Management Accounting. Prentice Hall. ISBN 978-01-3127-308-5.</p> <p>3. Colin, D. 2017. Management and Cost Accounting. Cengage Learning Emea. ISBN 978-1-4737-4888-0.</p> <p>4. Garison, R. H., Noreed, E. W., Brewer, P. 2021. Managerial Accounting. 17th edition. McGraw Hill. ISBN 978-12-6024-778-7.</p> <p>5. Hilton, R. W. 2006. Managerial Accounting. McGraw Hill Education. ISBN 978-00-7111-313-7.</p>					
<p><b>Language of instruction:</b> English</p>					
<p><b>Notes:student time load:</b> 150 hours, out of which: - combined study (Lectures, Seminars, Consultations): 39 hours - self-study: 85 hours - study of current legislation, preparation for seminars (solving examples and case studies) 26 hours</p>					
<p><b>Course assessment</b> The final number of assessed students: 13</p>					
A	B	C	D	E	FX
23.08	7.69	46.15	7.69	15.38	0.0
<p><b>Instructor:</b> prof. Ing. Peter Krištofik, Ph.D.</p>					
<p><b>Last changed:</b> 03.02.2022</p>					
<p><b>Approved by:</b> prof. Ing. Hussam Musa, PhD.</p>					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_PSYCHTRH	<b>Course name:</b> Market Psychology
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b>	
<b>Learning objectives:</b> The subject is focused on the use of psychological knowledge from the area of market research and the behavior of subjects on the market. Students will learn from basic concepts, history and above all learn to connect knowledge of economically and psychologically oriented subjects. Teaching is complemented by case studies into which students are actively involved.	
<b>Brief outline of the course:</b> Introduction to the subject and interdisciplinary basis 2. Definition of basic terminology 3. Psychography and customer segmentation 4. Heuristics in decision making 5. Multidimensional attitude towards the analysis of consumer behavior 6. Psychological paradigms (psychoanalytic, developmental and behavioral) and their impact on consumer behavior in the market 7. Cognitive dissonance and its influence on the rupture behavior 8. Resilience and self-management 9. Case studies in the field of market psychology aimed at verifying the ability of participation, the effectiveness of the work of the work and the development of critical self-reflection.	
<b>Recommended literature:</b> 1. BAČOVÁ, V. 2010. Rozhodovanie a usudzovanie I. Pohľady psychológie a ekonómie Bratislava: Ústav experimentálnej psychológie SAV. ISBN. 978-80-244-5033-9 2. BAČOVÁ, V. STRÍŽENEC, M. 2013. Psychológia finančného rozhodovania: Racionalita, analýza a intuícia. In R. Hanák a kol. (Eds.). Rozhodovanie a usudzovanie IV. (s. 131-158). Bratislava: Ústav experimentálnej psychológie SAV. 3. HANÁK, R. a kol. (eds.). 2013. Rozhodovanie a usudzovanie IV. Bratislava: Ústav experimentálnej psychológie SAV. ISBN 978-80-88910-46-6 4. CHADT, K. 2017 Psychologie trhu v obchodu a službách. Praha : Press 21. 100s. ISBN 978-80-905181-9-3 5. KAHNEMAN, D. 2012. Myšlení rychlé a pomalé. Brno: Jan Mevil Publishing 6. KOMÁRIK E. (Ed.) 2009. : Reziliencia. Bratislava UK, 2009. ISBN 978-80-223-2729-9	

7. LIESKOVSKÁ, V.; GAZDA, V. RIMARČÍK, M. 2005. Spotrebiteľské správanie na trhu bezhotovostného platobného styku. Bratislava: EKONOM.
8. RIEGEL, K. 2007. Ekonomická psychologie. Praha: Grada. ISBN: 8024711850
9. RUISEL, I. 2004. Inteligencia a myslenie. Bratislava: IKAR ISBN: 8055107661
10. STRIŽENEC, M. 2013. Úloha kritického a strategického myslenia pri rozhodovaní. Československá psychológia, ISBN: 978-80-88910-52-7
11. PROVAZNÍK, V- Psychologie pro ekonomy a manažery. Praha: Grada, 2002. Manažer. ISBN 8024704706.
12. TELLIS, G. J. Reklama a podpora prodeje. Praha: Grada, 2000. Profesionál. ISBN 8071699977.

**Language of instruction:**

slovak

**Notes:student time load:**

120 hours

Combined form (Lecture, Seminar, Consultation) 26

Self – study: 50

Preparation of the project: 34

Project presentation: 10

**Course assessment**

The final number of assessed students: 260

A	B	C	D	E	FX
35.0	41.54	16.92	5.0	1.15	0.38

**Instructor:** PhDr. Andrea Seberíni, Ph.D., Ing. Anna Vallušová, PhD.

**Last changed:** 07.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_MAAp-aj	<b>Course name:</b> Monetary Analysis and Prognosis
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 13 / 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> The number of points obtained for the interim and final evaluation is 100. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student who has obtained from the subject for meeting the specified conditions at least 65 out of 100 points. a) continuous evaluation: - seminar paper and its presentation: 50%, - continuous test: 50%, b) final evaluation: - the sum of points from the continuous evaluation (at least 65% of the total number of points), resp. correction term from the semester curriculum (at least 65% of the total number of points).	
<b>Learning objectives:</b> Student after successful completion of the course: 1. use theoretical and practical monetary policy resources to address specific monetary balance challenges, 2. is able to assess the functioning of the monetary policy transmission mechanism, 3. analyze and understand specific monetary and financial policies in the context of crisis, 4. assess the country's performance through financial programming, 5. is able to formulate appropriate macroeconomic policies necessary to achieve the set objectives, assess the internal and external balance of the selected economy, 6. based on discussed and solved case studies, create the outputs of monetary and fiscal analysis in selected forms (quantification of potential output by filtering techniques, analysis of government debt by iterative analytical methods).	
<b>Brief outline of the course:</b> Objectives of monetary analysis, meaning, methods and problems. Dual and hierarchical central bank mandate. Transmission mechanism and its modifications. Quantitative release. Basics of financial programming: components of GDP, balance of payments, public finances and monetary overview, their interaction. Base line scenario, optimistic and pessimistic scenarios, financial programming. Models of macroeconomic frameworks for finance: aggregate supply modeling, natural unemployment rate, inflation gap and inflation. Macroeconomic models used by central banks: Structural macroeconomic models, semi-structural model for the euro area, DSGE models,	

VAR models. Fiscal and monetary rules. Digital currencies. Decentralized financial system.

**Recommended literature:**

1. ANGELINI, E., BOKAN, N., CHRISTOFFEL, K., CICCARELLI, M., ZIMIC, S. 2019. Introducing ECB-BASE: The blueprint of the new ECB semi-structural model for the euro area. ECB. Working Paper Series, 2615/2019. European Central Bank, Frankfurt am Main.
2. BANKOWSKI, K., CHRISTOFFEL, K., FARIA, T. 2021. Assessing the fiscal-monetary policy mix in the euro area. ECB. Working Paper Series, 2623/2021. European Central Bank, Frankfurt am Main.
3. CHIU, J., KOEPPL, T. V. 2019. The economics of cryptocurrencies – Bitcoin and beyond. Bank of Canada. Staff Working Papers 40/2019. Bank of Canada, Ottawa, Ontario.
4. COLEMAN, T. S., OLIVER, B. J., SIEGEL, L. B. 2021. Puzzles of inflation, money and debt. Applying the fiscal theory on the price level. CFA Institute Research Foundation. 40 s. ISBN 978-1-952927-22-5.
5. CORSETTI, G., DEDOLA, L., LEDUC, S. 2010. Optimal Monetary Policy in Open Economies. Working Paper 2010-13. Federal Reserve Bank of San Francisco.
6. FRIEDMAN, B., WOODFORD. 2010. Monetary Economics. North Holland. 177 pp. ISBN 978-0-444-53238-1.
7. HAYEK, F. A. 1990. Denationalisation of money. London: The Institute of Economic Affairs. 146 s. ISBN 0-255 36239-0.
28. ROSTAGNO, M., ALTAVILLA, C., CARBONI, G., LEMKE, W., MOTTO, R., GUILHEM, A. S., YIANGOU, J. 2019. A Tale of Two Decades: the ECB's Monetary Policy at 20. Working paper series. No 2346/December 2019.
9. WALSH, C. E. 2017. Monetary theory and policy. MIT Press, Ltd. 688 s. ISBN 978-02-6203-581-1.
10. Protocol (No 4) on the Statute of the European System of Central Banks and of the European Central Bank. Official Journal of the European Union C 202/230.

**Language of instruction:**

English

**Notes:student time load:**

150 hours, out of which:

- combined study: 39 hours (1/2)
- self-study: 70 hours
- project preparation: 26 hours
- preparation for the essay in the final evaluation: 15 hours

**Course assessment**

The final number of assessed students: 3

A	B	C	D	E	FX
0.0	0.0	0.0	33.33	66.67	0.0

**Instructor:** prof. Ing. Emília Zimková, PhD., Ing. Michal Mešťan, PhD.

**Last changed:** 03.03.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_ODIPV	<b>Course name:</b> Open Data and its Practical Application
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: elaboration of the assignment and research during the semester: 50 points b) final assessment: seminar work and its presentation using activating forms of teaching: 50 points During the presentations and subsequent discussions, peer evaluation (feedback) between students will also be applied, with the obligation to formulate well-intentioned constructive critique or appropriate praise. The maximum number of points obtained for the interim and final evaluation is 100. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student, who has obtained following requirements at least 65 of 100 points.	
<b>Learning objectives:</b> Student after successful completion of the course: 1. apply theoretical background in solving specific open data problems, 2. assesses the issue in its overall context at national and international level, as well as in the context of the challenges associated with the development of society, 3. assess the key issues in the use and evaluation of open data in the public, private and non-profit sectors, 4. apply current research trends in open data, 5. produce an independent scientific work on a selected issue using open data.	
<b>Brief outline of the course:</b> Definition of basic terms. Open data and attributes of good quality data. Practical use of open data in the public, private and non-profit sectors. The concept and process of data publication under GDPR. Technical and licensable standards for data publication. Suitability of data for publication in terms of content and impact. The current state of data publication, quality and number of datasets published in Slovakia and abroad. Mandatory and optional data publication. Data publication portals at local, regional, national, and international level. Examples of open data applications and good practices with open data. The importance of collaboration between actors in data publication. Open data visualisation platforms. Visualizing open data through Microsoft Power BI.	
<b>Recommended literature:</b>	

<p>1. Charalabidis, Y., Zuiderwijk, A., Alexopoulos, Ch., Janssen, M., Lampoltshammer, T., &amp; Ferro, E. (2019). The World of Open Data: Concepts, Methods, Tools and Experiences. Springer.</p> <p>2. Van Loenen, B., Vancauwenberghe, G., Cromptvoets, J., &amp; Dalla Corte, L. (2018). Open data exposed. TMC Asser Press.</p> <p>3. Davies, T., Walker, S. B., Rubinstein, M., &amp; Perini, F. (2019). The state of open data: Histories and horizons. Open Data for Development Network. African Minds Cape Town.</p> <p>4. Open Data Handbook. Available on: <a href="https://opendatahandbook.org/">https://opendatahandbook.org/</a></p> <p>5. Decree No. 78/2020 Z.z. on standards for public administration information technology. Available on: <a href="https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2020/78/20200501.html">https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2020/78/20200501.html</a></p> <p>6. Directive of the Magistrate of the Capital City of the Slovak Republic Bratislava on data policy. Available on: <a href="https://opendata.bratislava.sk/page/data">https://opendata.bratislava.sk/page/data</a></p> <p>7. General Data Protection Regulation (GDPR). Available on: <a href="https://eur-lex.europa.eu/SK/legal-content/summary/general-data-protection-regulation-gdpr.html">https://eur-lex.europa.eu/SK/legal-content/summary/general-data-protection-regulation-gdpr.html</a></p> <p>8. Directive of the European Parliament and of the European Council 2019/1024 of 20 June 2019 on open data and re-use of public sector information. Available on: <a href="https://eur-lex.europa.eu/legal-content/SK/TXT/?uri=CELEX:32019L1024">https://eur-lex.europa.eu/legal-content/SK/TXT/?uri=CELEX:32019L1024</a></p> <p>9. Open data in Slovak regions - project activities. Operational Programme Efficient Public Administration. Alvaria, o.z.. Available on: <a href="https://www.alvaria.sk/">https://www.alvaria.sk/</a></p>																	
<p><b>Language of instruction:</b> Slovak, English</p>																	
<p><b>Notes:student time load:</b> 120 hours, within that: combined form (lecture, seminar, consultation): 26 self-study: 70 active preparation for seminars: 24</p>																	
<p><b>Course assessment</b> The final number of assessed students: 0</p> <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>FX</th> </tr> </thead> <tbody> <tr> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> </tr> </tbody> </table>						A	B	C	D	E	FX	0.0	0.0	0.0	0.0	0.0	0.0
A	B	C	D	E	FX												
0.0	0.0	0.0	0.0	0.0	0.0												
<p><b>Instructor:</b> doc. Ing. Katarína Vitálišová, PhD., prof. Ing. Anna Vaňová, PhD., doc. Ing. Kamila Borseková, PhD., Ing. Mgr. Mária Vavrúšová</p>																	
<p><b>Last changed:</b> 21.03.2024</p>																	
<p><b>Approved by:</b> prof. Ing. Hussam Musa, PhD.</p>																	



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_ODIPV-aj	<b>Course name:</b> Open Data and its Practical Application
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: elaboration of the assignment and research during the semester: 50 points b) final assessment: seminar work and its presentation using activating forms of teaching: 50 points During the presentations and subsequent discussions, peer evaluation (feedback) between students will also be applied, with the obligation to formulate well-intentioned constructive critique or appropriate praise. The maximum number of points obtained for the interim and final evaluation is 100. It corresponds to the classification scale of the evaluation. Credits will be awarded to a student, who has obtained following requirements at least 65 of 100 points.	
<b>Learning objectives:</b> Student after successful completion of the course: <ol style="list-style-type: none"> <li>1. apply theoretical background in solving specific open data problems,</li> <li>2. assesses the issue in its overall context at national and international level, as well as in the context of the challenges associated with the development of society,</li> <li>3. assess the key issues in the use and evaluation of open data in the public, private and non-profit sectors,</li> <li>4. apply current research trends in open data,</li> <li>5. produce an independent scientific work on a selected issue using open data.</li> </ol>	
<b>Brief outline of the course:</b> Definition of basic terms. Open data and attributes of good quality data. Practical use of open data in the public, private and non-profit sectors. The concept and process of data publication under GDPR. Technical and licensable standards for data publication. Suitability of data for publication in terms of content and impact. The current state of data publication, quality and number of datasets published in Slovakia and abroad. Mandatory and optional data publication. Data publication portals at local, regional, national, and international level. Examples of open data applications and good practices with open data. The importance of collaboration between actors in data publication. Open data visualisation platforms. Visualizing open data through Microsoft Power BI.	
<b>Recommended literature:</b>	

<p>1. Charalabidis, Y., Zuiderwijk, A., Alexopoulos, Ch., Janssen, M., Lampoltshammer, T., &amp; Ferro, E. (2019). The World of Open Data: Concepts, Methods, Tools and Experiences. Springer.</p> <p>2. Van Loenen, B., Vancauwenberghe, G., Cromptvoets, J., &amp; Dalla Corte, L. (2018). Open data exposed. TMC Asser Press.</p> <p>3. Davies, T., Walker, S. B., Rubinstein, M., &amp; Perini, F. (2019). The state of open data: Histories and horizons. Open Data for Development Network. African Minds Cape Town.</p> <p>4. Open Data Handbook. Available on: <a href="https://opendatahandbook.org/">https://opendatahandbook.org/</a></p> <p>5. Decree No. 78/2020 Z.z. on standards for public administration information technology. Available on: <a href="https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2020/78/20200501.html">https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2020/78/20200501.html</a></p> <p>6. Directive of the Magistrate of the Capital City of the Slovak Republic Bratislava on data policy. Available on: <a href="https://opendata.bratislava.sk/page/data">https://opendata.bratislava.sk/page/data</a></p> <p>7. General Data Protection Regulation (GDPR). Available on: <a href="https://eur-lex.europa.eu/SK/legal-content/summary/general-data-protection-regulation-gdpr.html">https://eur-lex.europa.eu/SK/legal-content/summary/general-data-protection-regulation-gdpr.html</a></p> <p>8. Directive of the European Parliament and of the European Council 2019/1024 of 20 June 2019 on open data and re-use of public sector information. Available on: <a href="https://eur-lex.europa.eu/legal-content/SK/TXT/?uri=CELEX:32019L1024">https://eur-lex.europa.eu/legal-content/SK/TXT/?uri=CELEX:32019L1024</a></p> <p>9. Open data in Slovak regions - project activities. Operational Programme Efficient Public Administration. Alvaria, o.z.. Available on: <a href="https://www.alvaria.sk/">https://www.alvaria.sk/</a></p>												
<p><b>Language of instruction:</b> English</p>												
<p><b>Notes:student time load:</b> 120 hours, within that: combined form (lecture, seminar, consultation): 26 self-study: 70 active preparation for seminars: 24</p>												
<p><b>Course assessment</b> The final number of assessed students: 3</p> <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>FX</th> </tr> </thead> <tbody> <tr> <td>100.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> </tr> </tbody> </table>	A	B	C	D	E	FX	100.0	0.0	0.0	0.0	0.0	0.0
A	B	C	D	E	FX							
100.0	0.0	0.0	0.0	0.0	0.0							
<p><b>Instructor:</b> doc. Ing. Katarína Vitálišová, PhD., prof. Ing. Anna Vaňová, PhD., doc. Ing. Kamila Borseková, PhD., Ing. Mgr. Mária Vavrúšová</p>												
<p><b>Last changed:</b> 15.03.2024</p>												
<p><b>Approved by:</b> prof. Ing. Hussam Musa, PhD.</p>												

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_VFaVV-aj	<b>Course name:</b> Public Finance and Public Choice
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 7	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> Continuous assessment: - resolving of partial tasks, presenting the specific topic within the field and submitting the first version of the seminar paper: 20 points - submitting the final version of the seminar paper: 70 points - defence of the seminar paper: 10 points In the case of not meeting the requirements for partial components of the exam, the final assessment will be granted upon the results of the final test including the whole semester curriculum in an alternative resit term (100 points).	
<b>Learning objectives:</b> The student: 1. will use the theoretical knowledge to research issues of public finance and public choice, and will also apply them in the business practice, 2. is able to identify key issues of decision-making process, management and production of goods in the public sector, 3. will apply the methods of analysis, synthesis, comparison and scientific abstraction within the process of resolving particular tasks, as well as elaborating a written assignment on a specific topic, 4. will critically assess the current state of public finances and decision-making processes in the context of public choice, 5. will evaluate and interpret theoretical approaches and empirical results of studies on decision-making process in the public sector and behaviour determinants of economic entities, 6. will create a basis for alternatives in terms of potential solutions to selected problems of public finances and decision-making processes within some specific national and transnational ones.	
<b>Brief outline of the course:</b> A state, market system vs. political system. Specifics of the production and provision of public goods. Collective decision-making process. Public vs. individual interest. Rent seeking, procurement and „a return to market“. Public expenditures and their assessment. Public incomes, income redistribution, taxation and tax system. Tax evasion and the shadow economy. International aspects of public finances. Introduction to the theory of public choice. Procedures for public choice and the choice of electoral rules. Majority rule - positive and normative aspects. Decision-making	

processes at various levels of government in direct and representative democracy. Federalism, logrolling and universalism. Introduction to the constitutional economics. Economic theory of bureaucracy. Analysis of elections and voters behaviour. Alternative electoral systems. Political parties and the analysis of their behaviour. Current issues and development prospects for public finance and public choice.

**Recommended literature:**

1. CULLIS, J., JONES, P. 2009. Public Finance and Public Choice. Oxford University Press, (3rd ed.). 560 p. ISBN 978-0-19-923478-3.
2. HILLMAN, A. L. 2019. Public Finance and Public Policy: A Political Economy Perspective on the Responsibilities and Limitations of Government. (3rd ed.). Cambridge: Cambridge University Press. 652 p. ISBN: 9781316501801.
3. HYMAN, D. N., 2014. Public Finance: A Contemporary Application of Theory to Policy. Stamford, CT. Cengage Learning. 720 p. ISBN 9781285173955.
4. ORVISKÁ, M., HUDSON, J. 2003. Tax evasion, civic duty and the law abiding citizen. In European journal of political economy, vol. 19, no. 1, pp. 83-102. ISSN 0176-2680.
5. ORVISKA, M., CAPLANOVA, A., HUDSON, J. 2014. The Impact of Democracy on Wellbeing. In Social Indicators Research, vol. 115, no. 1, pp. 493-508. ISSN 0303-8300.
6. ORVISKA, M. 2018. A Different Perspective on Current Problems: Comment on “Proposals for a Democracy of the Future” by Bruno Frey. In Homo Oeconomicus, vol. 35, no.1-2, pp 111-116. ISSN 2366-6161.
7. HUŇADY, J. 2017. Individual and institutional determinants of corruption in the EU countries: The problem of its tolerance. In Economia Politica, vol. 34, no.1, pp.139-157. ISSN 1973-820X.
8. MUELLER, D. C. 2003. Public Choice III. New York: Cambridge University Press. 768 pp. ISBN 0-521-81546-0.

**Language of instruction:**

English

**Notes: student time load:**

- 180 hours, out of which:
- combined form (Lecture, Seminar, Consultation): 52 hours
  - self-study: 70 hours
  - preparation of the seminary paper: 45 hours
  - collection of data and additional information: 13 hours

**Course assessment**

The final number of assessed students: 16

A	B	C	D	E	FX
31.25	56.25	6.25	0.0	6.25	0.0

**Instructor:** doc. Ing. Ján Huňady, PhD.

**Last changed:** 11.01.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_NZK	<b>Course name:</b> Quality Management Tools
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1., 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> <b>a) continuous assessment:</b> a) preliminary evaluation = case studies during seminars (80 points) <b>b) final assessment:</b> b) final evaluation = written test (20 points)	
<b>Learning objectives:</b> Student: 1. is able to use basic quality tools. 2. can solve basic but also more complex problems in the company using relevant tools. 3. can work systematically and apply individual methods in partial quality management processes. 4. is able to think critically and apply the acquired knowledge in companies from different sectors.	
<b>Brief outline of the course:</b> General classification of methods. Structure of quality management methods. Tools and techniques. Supplementary methods. Decision-making methods. Seven basic quality tools. Creative methods. Planning methods. Comparative methods. Risk management methods. Analytical-synthetic methods. Problem solving approaches.	
<b>Recommended literature:</b> 1) MADZÍK, P. 2017. Nástroje systematického riešenia problémov. Ružomberok : Vydavateľstvo VERBUM, 2017. 157 s. ISBN 978-80-561-0478-1. 2) TEREK, M. 2004. Štatistické riadenie kvality. Bratislava : Wolters Kluwer, 2004. 234 s. ISBN 8089047971.	
<b>Language of instruction:</b> Slovak	
<b>Notes:student time load:</b> 120 hours: Combined study: 26 h. Self-study: 46 h. Case studies: 50 h.	

<b>Course assessment</b>					
The final number of assessed students: 32					
A	B	C	D	E	FX
53.13	15.63	9.38	9.38	12.5	0.0
<b>Instructor:</b> doc. Ing. Denisa Malá, PhD.					
<b>Last changed:</b> 26.10.2022					
<b>Approved by:</b> prof. Ing. Hussam Musa, PhD.					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_KMvF-aj	<b>Course name:</b> Quantitative Methods in Finance
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Practical <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 6	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) mid-term assessment: mid-term written test (40 points of total score). b) final assessment: final written test (60 points of total score) Mid-term and final assessments are applied for a first attempt to complete study duties. In order to complete the course for a first attempt, the student must attain a score of 65 points at least, and he must attain no less than 50 % of the points of the written test in the final assessment. If the student for his first attempt has failed to fulfill the requirements necessary for passing the course successfully, in a resit he shall take a complex written test (100 points of total score). In order to complete the course in a resit, the student must attain a score of 65 points at least.	
<b>Learning objectives:</b> Having completed the course successfully, the student <ol style="list-style-type: none"> <li>1. is able to read mathematical and statistical models formulated in matrix and vector form in different fields of finance and is able to transcribe such models,</li> <li>2. is capable of establishing mutual links between variables and between object encapsulated in data,</li> <li>3. is qualified to assess selected aspects of the production process in finance and to evaluate conditions under which inputs are transmuted into outputs,</li> <li>4. is able to assess performance in diverse applications in finance and to account for possible uncertainty associated with a deterministic assessment,</li> <li>5. is capable of judging the adequacy of constructed composite indicators in performance assessment and is capable of constructing these indicators on his own,</li> <li>6. has acquired knowledge of a basic technical apparatus to address problems of financial practice.</li> </ol>	
<b>Brief outline of the course:</b> 1. Matrix algebra for use in econometric analysis and portfolio theory. 2. Selected methods of multivariable quantitative analysis usable in applied finance for dimension reduction in data (principal component analysis, factor analysis) and for identification of links in data (cluster analysis). 3. Efficiency assessment of the production process in financial applications (data envelopment analysis [DEA], microeconomic context of DEA, radial and non-radial DEA models). 4. Construction of composite indicators in performance assessment and financial applications (multi-criteria decision-making analysis, DEA). 5. Stochastic analysis of uncertainty in performance assessment (Monte Carlo simulations).	

**Recommended literature:**

1. ALINEZHAD, A., KHALILI, J. 2019. New methods and applications in multiple attribute decision making. Cham : Springer, 2019. 233 pp. ISBN 978-3-030-15008-2.
2. BOGETOFT, P., OTTO, L. 2011. Benchmarking with DEA, SFA, and R. New York: Springer, 2011. 351 pp. ISBN 978-1-4419-7960-5.
3. BOĎA, M. 2017. Stochastic sensitivity analysis of concentration measures. Central European Journal of Operations Research 25, pp. 441–471. <https://doi.org/10.1007/s10100-016-0465-4>.
4. COOPER, W., SEIFORD, L., TONE, K. 2007. Data envelopment analysis: a comprehensive text with models, applications, references and DEA-Solver software. 2nd ed. New York: Springer, 2007. 492 pp. ISBN 978-0387-45281-4.
5. FOX, J. 2015. Applied regression analysis and generalized linear models. 3rd ed. Los Angeles: Sage, 2015. 816 pp. ISBN: 978-1-4522-0566-3.
6. GREENE, W. H. 2018. Econometric analysis. 8th ed. New York: Pearson Education, 2018. 1168 pp. ISBN 978-0-13-446136-6.
7. HAIR, J. F. et al. 2019. Multivariate data analysis. 8th ed. Hampshire: Cengage, 2019. 813 pp. ISBN 978-1-4737-5654-0.
8. HÄRDLE, W. K., SIMAR, L. 2007. Applied multivariate statistical analysis. 2nd ed. Berlín: Springer, 2019. 458 pp. ISBN 978-3-540-72243-4.
9. LUPTÁČIK, M. 2010. Mathematical optimization and economic analysis. New York: Springer, 2010. 292 pp. ISBN 978-0-387-89551-2.
10. OECD 2008. Handbook on constructing composite indicators: methodology and user guide. Paríž: OECD Publications, 2008. 158 pp. ISBN 978-92-64-04345-9. Available on the internet: <[https:// www.oecd.org/els/soc/handbookonconstructingcompositeindicatorsmethodologyanduserguide. htm](https://www.oecd.org/els/soc/handbookonconstructingcompositeindicatorsmethodologyanduserguide.htm)>.

**Language of instruction:**

English

**Notes: student time load:**

180 hours, out of which  
combined study (lectures, seminars, consultations): 52 hours  
self-study: 128 hours

**Course assessment**

The final number of assessed students: 14

A	B	C	D	E	FX
7.14	7.14	7.14	21.43	57.14	0.0

**Instructor:** doc. PhDr. Ing. Martin Boďa, PhD., RNDr. Mária Grausová, PhD., Ing. Viera Mendelová, PhD., Mgr. Mária Stachová, PhD., RNDr. Miroslav Hužvár, PhD.

**Last changed:** 18.12.2021

**Approved by:** prof. Ing. Hussam Musa, PhD.



## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_RNF-aj	<b>Course name:</b> Risk and Uncertainty in Finance
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Practical <b>Course type:</b> A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 6	
<b>Recommended semester/trimester:</b> 3.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) mid-term assessment: mid-term test composed of practice-oriented tasks as well as theoretical aspects of the course (40 points of the total score). b) final assessment: final test composed of practice-oriented tasks as well as theoretical aspects of the course (60 points of the total score) The student is required to score at least 50 % of each test and 65 points in total for both tests in order to qualify for a passing grade. If a student has failed for a first attempt to score at least 50 % of each test and 65 points in total for both tests, he may decide which part of the assessment he wishes to remake during a resit (none, one or both). The points earned in the assessment that is not remade shall stay as they are, but the points earned in the assessment that is remade on the student's own choosing are updated even if the point score is lower. In order to pass the course in the resit, the student is again required to score at least 50 % of each test and 65 points in total for both tests.	
<b>Learning objectives:</b> Having completed the course successfully, the student <ol style="list-style-type: none"> <li>1. is capable of applying correctly risk measures in order to minimize their negative impact on financial and investment decision-making in the field of optimal portfolio selection and financial planning,</li> <li>2. is able to identify, analyse and quantify risk factors and their impact on the value of a portfolio, the amount of capital of financial institutions, and communicate competently with specialists in the field of market, interest, credit and operation risk,</li> <li>3. knows how to construct a portfolio of financial assets with regard to different criteria of optimality and to evaluate its performance</li> <li>4. is capable of assessing the adequacy of various models and approaches for measuring financial risks and their impact on creation of short-term and long-term strategic goals of a financial institution,</li> <li>5. is able to create various risk scenarios of portfolio value evolution, score and interpret the simulation outcomes, suggest the prevention methods and options for elimination or reduction of financial risk through simulation,</li> <li>6. is qualified to price conditional financial derivatives by Monte Carlo simulations, even those with more complex internal structures of the payoff.</li> </ol>	

**Brief outline of the course:**

1. Financial returns, their properties and stylized facts. Data generating process of financial returns, geometric Brownian motion. Volatility, different approaches to its estimation. Volatility scaling (square root of time rule, alpha-root rule). Econometric models of volatility: GARCH and stochastic volatility models. Covariance matrix of financial returns and basic approaches to its estimation. Simulation of financial asset prices and risk interest rates. --- 2. Utility theory and its applications in portfolio selection. --- 3. Approaches to portfolio selection. Active and passive investment approaches. Asset pre-selection. Optimization methods of portfolio selection, portfolio tracking. --- 4. Theory of asset pricing: one-factor and multi-factor pricing models. Portfolio performance evaluation and risk-adjusted performance measures. --- 5. Selected aspects of investing: behavioural financial theory, technical analysis, efficient markets theory, international investing. --- 6. Risk measurement based on value at risk and expected shortfall, basic properties of both risk measures. Risk-adjusted measurement of financial institutions using value at risk. --- 7. Market risk measurement its specifics and methodology, parametric and semi-parametric models, Monte Carlo simulations, backtesting and stresstesting. --- 8. Credit risk measurement, its specifics and methodology, overview of credit risk models. --- 9. Operational risk measurement, its specifics and methodology, overview of operational risk models. --- 10. Modelling of the term structure of interest rates, its applications for bond pricing and risk measurement. --- 11. Monte Carlo simulations and their use in finance with an emphasis on pricing of option contracts.

**Recommended literature:**

1. ALEXANDER, C. 2009. Market Risk Analysis: Quantitative methods in finance, practical financial econometrics, pricing, hedging and trading financial instruments, value-at-risk models. Volumes I to IV. Hoboken (New Jersey): Wiley, 2009. ISBN 978-0470997994.
2. AMENC, N., LE SOURD, V. 2010. Portfolio theory and performance analysis. Hoboken: Wiley, 2010. 256 pp. ISBN 978-0470858745.
3. BODIE, Z., KANE, A, MARCUS, A. J. 2013. Investments. 10th ed. Boston: Mc-Graw Hill, 2013. 1080 pp. ISBN 978-0077861674.
4. CAOUCETTE, J. B. et al. 2008. Managing credit risk: the great challenge for global financial markets. 2nd ed. Hoboken: Wiley, 2008. 656 pp. ISBN 978-0470118726.
5. CHERNOBAI, A., RACHEV, S. T. FABOZZI, F. J. 2007. Operational risk: a guide to Basel II capital requirements, models, and analysis. Hoboken: Wiley, 2007. 300 pp. ISBN 978-0471780519.
6. DAMODARAN, A. 2012. Investment valuation: tools and techniques for determining the value of any asset. 3rd ed. Hoboken: Wiley, 2012. 992 pp. ISBN 978-11-180-1152-2.
7. ELTON, E. J., GRUBER, M. J., BROWN, S. J., GOETZMANN, W. J. 2014. Modern portfolio theory and investment analysis. 9th ed. New York: Wiley, 2014. 738 pp. ISBN 978-1-118-46994-1.
8. JORION, P. 2009. Financial risk manager handbook. 5th ed. Hoboken: Wiley, 2009. 752 pp. ISBN 978-0470479612.
9. JORION, P. 2007. Value at risk: the new benchmark for managing financial risk. 3rd ed. New York : Mc-Graw Hill, 2007. 600 pp. ISBN 978-0-07-146495-6.
10. PRIGENT, J. L. 2007. Portfolio optimization and performance analysis. Boca Raton: Chapman & Hall/CRC, 2007. 456 pp. ISBN 1-58488-578-5.
11. SHIM, J. K., SIEGEL, J. G. 2007. Schaum's outline of financial investment. 3rd ed. New York: McGraw-Hill, 2007. 488 pp. ISBN 978-0-07-163531-8.

**Language of instruction:**

English

**Notes:student time load:**

180 hours, out of which  
combined study (lectures, seminars, consultations): 52 hours  
self-study: 128 hours

**Course assessment**

The final number of assessed students: 12

A	B	C	D	E	FX
8.33	0.0	8.33	0.0	50.0	33.33

**Instructor:** doc. PhDr. Ing. Martin Bod'a, PhD.

**Last changed:** 18.12.2021

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_SPSYVYCV	<b>Course name:</b> Socio-Psychological Training
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> <b>a) continuous assessment:</b> Active participation and attendance at training. Attendance at seminars is compulsory, if a student is absent from more than 4 seminars, a substitute will be assigned by the instructor. <b>b) final assessment:</b> final assessment - written test 100 points	
<b>Learning objectives:</b> Student : <ul style="list-style-type: none"> <li>- Improves his/her awareness about meaning social intelligence and social-psychology skills</li> <li>- Gets to know with nature and wayshow to gain selected social-psychology skills</li> <li>- Improves his/her selfknowledge and he/she will be abel to formulate his/her strengths and weaknesses and he/she will be readyto plan his/her personal development</li> <li>- Gains basic experience with emphaty, social perception, conflict solution, oranzation cooperation, work in team.</li> <li>- Except for basic communicarion skills he/she gains skillsm with other soft skuills and its practical using.</li> </ul>	
<b>Brief outline of the course:</b> Man in social environment. Social intelgence and social-psychological skills. Self-knowledge. Social perception. Emphaty, Social interactions in group. Cooperation. Conflict and its solution. Social communication . Assertiveness. Psycho-hygiene and coping difficult situation.	
<b>Recommended literature:</b> 1. GRUBER, D.. 2005. Zlatá kniha komunikace. 1. vyd. Ostrava : Repronis Ostrava, 2005. 249 s. ISBN 80-7329-092-8. 2. HERMOCHOVÁ.S.: 2004. Hry pro dospělé. Praha. Grada, 2004, 629 s. ISBN 8024708175. 3. HONZÁK, R. – NOVOTNÁ, V. 2006. Jak se asertivně prosadit. 1. vyd. Praha : Grada Publishing, a.s., 2006. 179 s. ISBN 80-247-1226-1. 4. JAROŠOVÁ, E. VACULÍK, M. a SMUTNÝ, P. 2013 . Psychologie efektivního leadershipu. Praha: Grada, 2013. 152 s. Psyché. ISBN 978-80-247-4646 5. KRATOCHVÍL, S.2007 Příběhy terapeutických skupin. Praha: Triton. 2007	

6. KOMÁRKOVÁ, R., SLAMĚNÍK, I., VÝROST, J. 2001. Aplikovaná sociální psychologie III. Sociálně psychologický výcvik. Praha: Grada.2001
7. KOLÁŘIK, M..2013 Interakční psychologický výcvik. Brno: Grada Publishing. 2013
8. KŘIŽ P. 2005. Kdo jsem, jaký jsem. Kladno: AISIS. 2005
9. ORAVCOVÁ, J. 2002. Sociálna psychológia. Banská Bystrica FHV UMB. 2002 ISBN 80-8055-980-5
10. ŘEZÁČ, J. Sociální psychologie. Brno: Paido. 1998. 268 s. ISBN 80-85931-48-6.

**Language of instruction:**

slovak

**Notes:student time load:**

120 hours, from which:  
 combined studies (P, S, K): 26 hours  
 self-study: 60 hours  
 preparation of project: 43 hours

**Course assessment**

The final number of assessed students: 190

A	B	C	D	E	FX
39.47	40.0	15.79	4.21	0.53	0.0

**Instructor:** PhDr. Andrea Seberíni, Ph.D., doc. PhDr. Miriam Martinkovičová, PhD., PhDr. Marian Kika, PhD.

**Last changed:** 13.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_SaMS-aj	<b>Course name:</b> Standardization and International Standards
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 13 <b>Method of study:</b> combined	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) interim assessment: - active participation in seminars 0 - 10 points - presentation of the selected topic 0 - 20 points b) final assessment: - final version of seminar work (electronic form) 0 - 60 points - presentation and defense of seminar work 0 - 10 points The final grade is determined by the sum of the achieved points from the interim and final assessments. To successfully complete the course, it is necessary to achieve at least 65% of the maximum number of points in accordance with the study regulations of EF UMB in Banská Bystrica. In case of non-compliance with the conditions for granting credits in due time: - the resit exam, if the student does not meet 65% of the interim and final assessment, will take place in exam period in the form of a test of the entire curriculum.	
<b>Learning objectives:</b> After completion of the course, the student can: 1. use acquired theoretical knowledge to examine issues of standardization on both national and international levels and apply them creatively when solving practical problems at producing, implication and keeping set standards, including the financial ones, 2. identify key relations between operational tools of standardization, regulation activities and their consequences on both macroeconomic and microeconomic levels, 3. apply relevant methods of scientific examination at solving partial tasks as well as writing a seminar paper on a selected topic in the area of producing and implication of standards on a company level, with priority given to specific features of standards and regulation policies in Finances, 4. critically assess the current state of development in metrology, standardization and regulatory policies in national and regional economies, 5. evaluate and interpret theoretical approaches and empirical results of studies in the area of standardization with understanding of links to Slovak economy integration into EU, EMS and other supranational structures,	

6. is able to create materials for alternatives of potential solutions of selected standardization problems on both national and international levels with effect on forming suitable regulation measures and policies on economic sectors development, including the financial sector.					
<b>Brief outline of the course:</b> Basics of standardization. Standards, regulation, certification, accreditation and global markets. Economics of standardization. Standardization and innovations. National legislative and institutional frameworks of standardization. Regulatory policies and institutional mechanism. Market supervision and role of state. Standards and company management. International standardization. International cooperation in the area of standardization. Regulatory measures and standards in finances. International trade, standards and regulation. Standardization in the EU. International institutions in the area of standardization. Political implications of standardization.					
<b>Recommended literature:</b> 1. BLIND, K. 2004. The Economics of Standards : Theory, Evidence, Policy. Edward Elgar Publishing. ISBN 1-84376-793-7. 2. European Commission (2011). A strategic vision for European standards: moving forward to enhance and accelerate the sustainable growth of the European economy by 2020. COM(2011) 311. 3. FEILZER, A., HESSER, W., DE VRIES, H. 2010. Standardisation in Companies and Markets. Helmut-Schmidt-Univ. 1114 p. ISBN 978-3-940385-97-0. 4. HAWKINS, R., KNUT, B., PAGE, R. 2017. Handbook of Innovation and Standards. Edward Elgar Publishing. ISBN 978-1-78347-007-5. 5. HUDSON, J., ORVISKA, M. 2013. Firm's adoption of international standards: One size fits all? In Journal of Policy Modeling, vol. 35, iss. 2, pp. 289-306, ISSN 0161-8938. 6. ORVISKA, M., NEMEC, J., HUDSON, J. 2013. Standardization and the European Standards Organisations. In Central European Journal of Public Policy, vol. 7, iss. 2, pp. 36-58. ISSN 1802-4866. 7. Relevant statistical databases and scientific journals.					
<b>Language of instruction:</b> English					
<b>Notes:student time load:</b> 150 hours, out of which: - combined form (Lecture, Seminar, Consultation): 39 hours (2/1) - self-study: 50 hours - preparation of the project: 50 hours - data and information collection: 11 hours					
<b>Course assessment</b> The final number of assessed students: 8					
A	B	C	D	E	FX
12.5	12.5	50.0	25.0	0.0	0.0
<b>Instructor:</b> Ing. Ivan Sedliačik, PhD., Ing. Žaneta Lacová, PhD.					
<b>Last changed:</b> 18.01.2022					
<b>Approved by:</b> prof. Ing. Hussam Musa, PhD.					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_SaPM-aj	<b>Course name:</b> Strategic and Project Management
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 13 <b>Method of study:</b> combined	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> <b>a) continuous assessment:</b> Team project applied in practice: 50 points; Participation at research activity: 10 points. <b>b) final assessment:</b> Written exam: 0 – 40 points The number of points to be earned for continuous and final assessment is 100 on the grading scale. Credits are assigned to the student who has obtained a minimum of 65 out of 100 points for fulfilling the requirements of the course assessment.	
<b>Learning objectives:</b> After completion of the course, the student can: <ol style="list-style-type: none"> <li>1. use acquired knowledge in managing on a strategic level, from defining a vision, mission and strategic objectives, preparation of strategy up to its successful implementation,</li> <li>2. conduct analysis of wider and closer environment of an enterprise, analysis of the sector, competition and markets,</li> <li>3. evaluate a variety of ways how to realize the strategy in an enterprise and manage strategic changes, is able to assess them critically and choose the best option,</li> <li>4. apply modern approaches of project management into decision-making,</li> <li>5. critically assess basic parameters of a project, evaluate and verify feasibility of the project,</li> <li>6. evaluate the potential of a project team, use suitable ways of motivation and leadership with project team members and team,</li> <li>7. as project manager is able to plan, organise, implement and monitor project tasks of a particular project.</li> </ol>	
<b>Brief outline of the course:</b> <ol style="list-style-type: none"> <li>1. Basic concepts in strategic management.</li> <li>2. Vision and mission of a company and its strategic objectives.</li> <li>3. Exploring external and internal environment of a company. Competitive advantage and strategy. Classification of competitive strategies.</li> <li>4. Fundamentals of diversified businesses.</li> <li>5. Implementation of the strategy in a company, its elements and tools.</li> </ol>	



6. Corporate culture.
7. Strategic control.
8. Basic concepts in project management. Project success.
9. Project life cycle. Project organization.
10. Project communication. Project planning.
11. Implementation and monitoring of project tasks.
12. Team work. Project manager.
13. Project funding. Project risk management.

**Recommended literature:**

1. WYSOCKI, R. 2019. Effective Project Management. Indianapolis: Wiley Publishing, 2019. 656 s. ISBN 9781119562801.
2. DALCHER, D. 2019. Leading the Project Revolution. Abingdon: Routledge, 2019. 226 s. ISBN 9780367731724.
3. HEAGNEY, J. 2018. Fundamentals of Project Management. NY: Harper Collins Focus, 2018. ISBN 9780814437360.
4. DUHAIME, I.M. and al. 2021. Strategic Management: State of the Field and its Future. US: Oxford University Press, 2021. ISBN 9780190090883.
5. DHIR, S., SUSHIL. 2019. Cases in Strategic Management. Singapore: Springer, 2019. ISBN 978-981-13-7063-2.

**Language of instruction:**

English

**Notes:student time load:**

150 h  
 Combined form (Lecture, Seminar, Consultation): 52  
 Self-study: 60  
 Preparation of the project: 30  
 Collecting information: 8

**Course assessment**

The final number of assessed students: 22

A	B	C	D	E	FX
40.91	27.27	13.64	9.09	9.09	0.0

**Instructor:** Ing. Mgr. Gabriela Nafoussi, PhD.

**Last changed:** 07.02.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_ZaDS-aj	<b>Course name:</b> Taxation and Tax Administration
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Course type:</b> B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 / 13 <b>Method of study:</b> combined	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: - solution of partial tasks, presentation on a selected topic and submission of the first variant of seminar work: 15% b) final evaluation: - final version of the seminar paper 70% and its defense 15% If the conditions in the partial parts of the exam are not met, the final grade will be given the result of the resit- test based on entire curriculum in the alternative corrective term (max.100 points).	
<b>Learning objectives:</b> The student: <ol style="list-style-type: none"> <li>1. can apply the theoretical knowledge to research issues of taxation and tax administration as well as apply it in the economic practice,</li> <li>2. is able to identify the key principles of an optimal tax system, explain the basis of macroeconomic and international aspects of taxation as well as the basis of tax evasion issues,</li> <li>3. applies standard analytical and scientific methods to solve subtasks as well as to prepare the written assignments on the particular topic in the area of specific taxes,</li> <li>4. can assess critically the taxation process and functioning of the tax administration in the context of the current global economic developments and the European integration process,</li> <li>5. evaluates and interprets the theoretical approaches, the results of empirical studies and national and transnational statistical databases in the field of taxes in connection with the applicable tax policy and practice,</li> <li>6. is able to create suggestions for alternative potential solutions to selected problems of taxation within the national and transnational contexts in connection with the dynamics of macroeconomic indicators and functioning of government institutions.</li> </ol>	
<b>Brief outline of the course:</b> Genesis of tax theories, basic principles of taxation. Taxation and efficiency, taxation costs. Tax justice criteria, tax redistribution. Horizontal and vertical fairness of taxation. Tax incentive aspects and tax neutrality. Impact of taxes on labour, savings, investment and business. Macroeconomic and ecological aspects of taxation. Tax policy and tax reforms. Tax technology. Income taxes. Consumption taxes. Property taxes. Tax evasion. International aspects of taxation. Tax competition	

and the process of tax harmonization. Tax code. Tax administration. Perspectives of tax administration development.

**Recommended literature:**

1. JAMES, S., NOBES, CH. 2018. The economics of taxation. 18th edition. 250 pp. London: Fiscal publications. ISBN 978-1906201425.
2. INFANTI, A. C, CRAWFORD, J. B. 2009. Critical Tax theory – an introduction. New York: Cambridge University Press, 389 pp. ISBN 978-0-521-73492-9.
3. PISTONE, P. et al. 2019. Fundamentals of Taxation: An Introduction to Tax Policy, Tax Law and Tax Administration. 196 p. Amsterdam: IBFD. ISBN 978-90-8722537-7.
4. JAMES, S. 2012. A Dictionary of Taxation. Edward Elgar Pub, 320 p. ISBN 978-1849801225
5. STIGLITZ, J. E, ROSENGARD J. K. 2015. Economics of the Public Setor, 4th ed. W. W. Norton & Company, 923 pp. ISBN 9780393937091.
6. EUROPEAN UNION. 2021. Taxation trends in European Union. 2021 edition. Luxembourg: Publication Office of the European Union. 299 pp. ISBN 978-9276-32071-5.
7. EUROPEAN UNION. 2020. Tax policies in the European Union. 2020 survey. Luxembourg: Publication Office of the European Union. 120 pp. ISBN 978-92-76-09506-4
8. ORVISKÁ, M., HUDSON, J. 2003. Tax evasion, civic duty and the law abiding citizen. In European journal of political economy, vol. 19, no. 1, pp. 83-102. ISSN 0176-2680.
9. HUNADY, J., ORVISKA, M. 2014. Determinants of foreign direct investment in EU countries–do corporate taxes really matter?. In Procedia Economics and Finance, vol. 12, pp. 243-250.
10. Actual legal norms in Slovakia legal and European directions about taxpolicy available on <http://www.finance.gov.sk/en/Default.aspx?CatID=52>.

**Language of instruction:**

English

**Notes:student time load:**

- 150 hours, out of which:
- combined form (Lecture, Seminar, Consultation): 39 hours
  - self-study: 60 hours
  - preparation of the seminary paper: 40 hours
  - collection of data and additional information: 11 hours

**Course assessment**

The final number of assessed students: 18

A	B	C	D	E	FX
5.56	11.11	33.33	33.33	16.67	0.0

**Instructor:** doc. Ing. Ján Huňady, PhD.

**Last changed:** 18.01.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_TS-VKzM	<b>Course name:</b> Theory of Consumer Behaviour (in English)
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 1.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> course work: 20 points <b>b) final assessment:</b> At the end of the semester, the student submits a course work from which he / she can obtain a maximum of 100 points. To successfully complete the course, he/she must obtain at least 65 points.	
<b>Learning objectives:</b> Student <ol style="list-style-type: none"> <li>1. is able to analyse consumer behaviour in the market for a particular product</li> <li>2. uses econometric tools and models</li> <li>3. applies them in terms of risk</li> <li>4. knows evaluate the situation of consumer and predict his/her behaviour.</li> </ol>	
<b>Brief outline of the course:</b> Methods and tools of economic analysis. The theory of rational consumer choice. Consumers' preferences. Use of utility function. Indifference analysis, optimal consumer choice. Individual and market demand, elasticity of demand. Consumer choice under risk.	
<b>Recommended literature:</b> <ol style="list-style-type: none"> <li>1. VARIAN, H. R.: Intermediate Microeconomics: A Modern Approach, seven edition Publisher: W. W. Norton&amp; Company (2004) ISBN-10: 0393926710</li> <li>2. BERGSTROM, T. - VARIAN, H. R.: Intermediate Microeconomics: Workouts Publisher: W. W. Norton&amp; Company (2006) ISBN-10: 0393928810</li> <li>3. SLOMAN, J. Economics. Prentice Hall, 2006</li> <li>4. EMERSON, P.M. 2019. Intermediate Microeconomics, Oregon State University, available on: <a href="https://open.umn.edu/opentextbooks/textbooks/956">https://open.umn.edu/opentextbooks/textbooks/956</a></li> </ol>	
<b>Language of instruction:</b> English	
<b>Notes:student time load:</b> 52 hours combined form of study (P, S, K): 26	

self-study: 26					
<b>Course assessment</b>					
The final number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Instructor:</b> doc. Ing. Mária Horeháková, PhD., Ing. Mariana Považanová, PhD.					
<b>Last changed:</b> 21.10.2022					
<b>Approved by:</b> prof. Ing. Hussam Musa, PhD.					

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_CRvEU	<b>Course name:</b> Tourism in European Union
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: seminar paper and its presentation (0-50 points), b) final assessment: written test (0-50 points). The number of points to be earned for continuous and final assessment is 100 on the grading scale. Credits are assigned to the student who has obtained a minimum of 65 out of 100 points for fulfilling the requirements of the course assessment. <b>a) continuous assessment:</b> Seminar paper and its presentation (0-50 points). <b>b) final assessment:</b> Written test (0-50 points).	
<b>Learning objectives:</b> Student: 1. apply acquired knowledge of professional subjects for organization and policy assessment, 2. is able to assess the work of European organizations in the development of tourism in the European Union, 3. analyzes trends in consumer behavior in the European Union and applies them to conditions of tourism development, 4. is able to explain the importance of cross-border cooperation in tourism.	
<b>Brief outline of the course:</b> 1. International organizations for the development of tourism in the European Union 2. Specificities of the development of tourism in the European Union. 3. The current state, trends and perspectives of tourism development in the European Union. 4. Preferences of European tourism stakeholders and trends in consumer behavior. 5. Cross-border cooperation in tourism in the European Union. 6. Organization and tourism policy in Northern Europe. 7. Organization and tourism policy in Western Europe. 8. Organization and tourism policy in Central Europe. 9. Organization and tourism policy in Southern Europe. 10. Organization and tourism policy in Eastern Europe.	
<b>Recommended literature:</b>	

1. PALATKOVÁ, M. 2014. Mezinárodní turismus. Praha : Grada Publishing. 2014, 256 s. ISBN 978-80-247-4862-7.
2. COSTA, C., PANYIK, E., BUHALIS, D. 2014. European Tourism Planning and Organisation Systems. London : Channel View Publications. 2014, 468 s. ISBN 978-1-84541-432-0.
3. COSTA, C., PANYIK, E., BUHALIS, D. 2013. Trends in European Planning and Organisation. London : Channel View Publications. 2013, 367 s. ISBN 978-1-84541-410-8.
4. European Commission. 2015. Eurobarometer - Survey on attitudes of European towards tourism.

**Language of instruction:**

Slovak.

**Notes:student time load:**

120 hours:

combined study (lectures, seminars consultations): 30

self-study: 38

preparation of case study: 52

**Course assessment**

The final number of assessed students: 82

A	B	C	D	E	FX
98.78	0.0	1.22	0.0	0.0	0.0

**Instructor:** doc. Ing. Andrej Malachovský, PhD.

**Last changed:** 07.06.2022

**Approved by:** prof. Ing. Hussam Musa, PhD.

## Course Description

<b>University:</b> Matej Bel University in Banská Bystrica	
<b>Faculty:</b> The Faculty of Economics	
<b>Code:</b> D_2_CRvEU-aj	<b>Course name:</b> Tourism in European Union (in English)
<b>Type, extent and method of instruction:</b> <b>Form of instruction:</b> Seminar <b>Course type:</b> C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) <b>Recommended number of periods:</b> 26 <b>Method of study:</b> combined	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester:</b> 2.	
<b>Level:</b> II.	
<b>Prerequisites:</b>	
<b>Course completion conditions:</b> a) continuous assessment: seminar paper and its presentation (0-50 points), b) final assessment: written test (0-50 points). The number of points to be earned for continuous and final assessment is 100 on the grading scale. Credits are assigned to the student who has obtained a minimum of 65 out of 100 points for fulfilling the requirements of the course assessment. <b>a) continuous assessment:</b> Seminar paper and its presentation (0-50 points). <b>b) final assessment:</b> Written test (0-50 points).	
<b>Learning objectives:</b> Student: <ol style="list-style-type: none"> <li>1. apply acquired knowledge of professional subjects for organization and policy assessment,</li> <li>2. is able to assess the work of European organizations in the development of tourism in the European Union,</li> <li>3. analyzes trends in consumer behavior in the European Union and applies them to conditions of tourism development,</li> <li>4. is able to explain the importance of cross-border cooperation in tourism.</li> </ol>	
<b>Brief outline of the course:</b> <ol style="list-style-type: none"> <li>1. International organizations for the development of tourism in the European Union</li> <li>2. Specificities of the development of tourism in the European Union.</li> <li>3. The current state, trends and perspectives of tourism development in the European Union.</li> <li>4. Preferences of European tourism stakeholders and trends in consumer behavior.</li> <li>5. Cross-border cooperation in tourism in the European Union.</li> <li>6. Organization and tourism policy in Northern Europe.</li> <li>7. Organization and tourism policy in Western Europe.</li> <li>8. Organization and tourism policy in Central Europe.</li> <li>9. Organization and tourism policy in Southern Europe.</li> <li>10. Organization and tourism policy in Eastern Europe.</li> </ol>	
<b>Recommended literature:</b>	



<p>1. PALATKOVÁ, M. 2014. Mezinárodní turismus. Praha : Grada Publishing. 2014, 256 s. ISBN 978-80-247-4862-7.</p> <p>2. COSTA, C., PANYIK, E., BUHALIS, D. 2014. European Tourism Planning and Organisation Systems. London : Channel View Publications. 2014, 468 s. ISBN 978-1-84541-432-0.</p> <p>3. COSTA, C., PANYIK, E., BUHALIS, D. 2013. Trends in European Planning and Organisation. London : Channel View Publications. 2013, 367 s. ISBN 978-1-84541-410-8.</p> <p>4. European Commission. 2015. Eurobarometer - Survey on attitudes of European towards tourism.</p>					
<p><b>Language of instruction:</b> English.</p>					
<p><b>Notes:student time load:</b> 120 hours: combined study (lectures, seminars consultations): 30 self-study: 38 preparation of case study: 52</p>					
<p><b>Course assessment</b> The final number of assessed students: 0</p>					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<p><b>Instructor:</b> Mgr. Kristína Medeková, PhD.</p>					
<p><b>Last changed:</b> 07.06.2022</p>					
<p><b>Approved by:</b> prof. Ing. Hussam Musa, PhD.</p>					