

Register

1. Academic Writing in English.....	2
2. Active participation in a domestic research project.....	4
3. Active participation in an international research project.....	6
4. Applied Financial Macroeconometrics.....	8
5. Authorship or co-authorship of a teaching text (over 1 AS).....	10
6. Authorship or co-authorship of a teaching text (under 1 AS).....	12
7. Behavioural Finance.....	14
8. Citation abroad.....	16
9. Citation abroad (Scopus, WOS).....	18
10. Citation at home.....	20
11. Co-authorship of a monograph (abroad).....	22
12. Co-authorship of a monograph (at home).....	24
13. Dissertation thesis project and dissertation exam.....	26
14. Dissertation thesis with defence.....	28
15. Economics and Management of Innovation.....	30
16. Economy and Management of Services.....	33
17. Evaluation of Public Programs and Public Policies.....	35
18. Expert study in a reviewed journal/proceedings (abroad).....	37
19. Expert study in a reviewed journal/proceedings (at home).....	39
20. Extracurricular Activities 1.....	41
21. Extracurricular Activities 2.....	43
22. Finance Theories.....	45
23. Financial Economics.....	47
24. Financial Management.....	49
25. International Finance.....	51
26. International Mobility 1.....	53
27. International Mobility 2.....	55
28. Macroeconomics.....	57
29. Microeconomics.....	60
30. Monetary Economics.....	62
31. Open data in strategic development.....	64
32. Paper in a reviewed scientific journal (abroad).....	66
33. Paper in a reviewed scientific journal (at home).....	68
34. Paper in reviewed scientific proceedings (abroad).....	70
35. Paper in reviewed scientific proceedings (at home).....	72
36. Paper of top international quality (JCR, SJR).....	74
37. Presentation at a scientific or professional event (abroad).....	76
38. Presentation at a scientific or professional event (at home).....	78
39. Public Finance.....	80
40. Quantitative Finance.....	82
41. Quantitative Methods in R System.....	84
42. Research methodology and ethics 1.....	86
43. Research methodology and ethics 2.....	88

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: 3_AW_AJ	Course name: Academic Writing in English
Type, extent and method of instruction: Form of instruction: Lecture Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 2., 4.	
Level: III.	
Prerequisites:	
Course completion conditions: <ul style="list-style-type: none"> • Writing assignments: <ol style="list-style-type: none"> 1. Essay on the student's dissertation thesis 2. Summary of a given text 3. Abstract of an article from the respective area of research • Final assessment interview 	
Learning objectives: On completion of the course, the student can: <ol style="list-style-type: none"> 1. understand writing as a process that includes structuring, editing and checking of the text 2. use standard written English and adjust their own writing in terms of accuracy 3. demonstrate good command of general and specialist vocabulary in the relevant field of research, 4. search for, analyze and evaluate suitable resources to fulfill a series of written assignments within their field of research, 5. express opinions and arguments appropriately, 6. write clear, well-structured text of a certain extent with high grammatical and stylistic accuracy (summary, abstract, article and others). 	
Brief outline of the course: The course focuses on the tools needed in writing at the academic level. It provides training in various aspects of writing – format, syntax, grammar, style, wording and punctuation; expressing different functions such as comparison and contrast, cause and effect, generalization, evaluation, interpretation of data, discussion and argumentation; writing a paragraph and coherent texts, writing a summary, abstract and article; work with resources in writing; identifying plagiarism.	
Recommended literature: <ol style="list-style-type: none"> 1. SPIŠIAKOVÁ, M., 2011. English for Academic Staff. Writing Skills. Banská Bystrica: Univerzita Mateja Bela, 2011. 65 s. ISBN 978-80-557-0176-9 2. CHIN, P. et al., 2012. Academic Writing Skills. Cambridge, New York, Melbourne, New Delhi, Singapore: Cambridge University Press, 2012. 122 s. ISBN 978-1-107-63622-4 3. HEFFERNAN, J.A.W., LINCOLN, J. E., 1982. Writing. A College Handbook. New York: W. W. Norton & Company, Inc. a Toronto: George J. McLeod Ltd., 1982. 576 s. ISBN 0-393-95150-2 	

Language of instruction: English						
Notes:student time load:						
Course assessment The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: doc. PhDr. Dana Benčíková, PhD.						
Last changed: 24.01.2024						
Approved by: prof. Ing. Emília Zimková, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_AZRDVP_AJ	Course name: Active participation in a domestic research project
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 8	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: Participation in a research project of a domestic character	
Learning objectives: The student <ol style="list-style-type: none"> 1. will use the acquired knowledge and skills in solving tasks related to the scientific project he/she is involved in, 2. is able to apply the methodologies of scientific research in solving individual project tasks, 3. applies methods of scientific research in processing the data by means of selected statistical methods and statistical programs, 4. demonstrates the acquired skills in preparing a scientific paper, being a result of the conducted project, and 5. co-authors scientific papers in journals and proceedings that are included in relevant databases (Web of Science, EconLit, SCOPUS, etc.). 	
Brief outline of the course: A domestic research project of primary research is a systematic creative activity the main objective of which is to acquire new information and knowledge regardless of the possibility of its utilization in practice. The domestic research project of applied research is a systematic creative activity focused on acquiring new information and knowledge that aims at utilization of the obtained results in business and social practice.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. Dostupné na internete: https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. BORJA, A. 2021. 11 steps to structuring a science paper editors will take seriously. Elsevier Connect Resources. Dostupné na internete: https://www.elsevier.com/connect/11-steps-to-structuring-a-science-paper-editors-will-take-seriously. 3. SUITER, A. M., SARLI, C. C. 2019. Selecting a journal for publication: Criteria to consider. Missouri Medicine, 116(6), 461–465. 	

4. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2. vyd. London: Sage. 264 s. 2015. ISBN 9781446207499.

Language of instruction:

English

Notes:student time load:

Not applicable

Course assessment

The final number of assessed students: 0

abs	n
0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_AZRMVP_AJ	Course name: Active participation in an international research project
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 10	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: Participation in a research project of an international character	
Learning objectives: The student <ol style="list-style-type: none"> 1. will use the acquired knowledge and skills in solving tasks related to the scientific project he/she is involved in, 2. is able to apply the methodologies of scientific research in solving individual project tasks, 3. applies methods of scientific research in processing the data by means of selected statistical methods and statistical programs, 4. demonstrates the acquired skills in preparing a scientific paper, being a result of the conducted project, and 5. co-authors scientific papers in journals and proceedings that are included in relevant databases (Web of Science, EconLit, SCOPUS, etc.). 	
Brief outline of the course: An international research project of primary research is a systematic creative activity the main objective of which is to acquire new information and knowledge regardless of the possibility of its utilization in practice. The international research project of applied research is a systematic creative activity focused on acquiring new information and knowledge that aims at utilization of the obtained results in business and social practice.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. Dostupné na internete: https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. BORJA, A. 2021. 11 steps to structuring a science paper editors will take seriously. Elsevier Connect Resources. Dostupné na internete: https://www.elsevier.com/connect/11-steps-to-structuring-a-science-paper-editors-will-take-seriously. 3. SUITER, A. M., SARLI, C. C. 2019. Selecting a journal for publication: Criteria to consider. Missouri Medicine, 116(6), 461–465. 	

4. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2. vyd. London: Sage. 264 s. 2015. ISBN 9781446207499.

Language of instruction:

English

Notes:student time load:

Not applicable

Course assessment

The final number of assessed students: 0

abs	n
0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_AFME_AJ	Course name: Applied Financial Macroeconometrics
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 2., 4.	
Level: III.	
Prerequisites:	
Course completion conditions: The assessment of a student for a first attempt consists of a mid-term and final assessment. Under mid-term assessment, the student is assigned two scientific papers or chapters in an edited monograph, and the student during a discourse of their content will present their basic ideas, applied modelling approaches, results and arguments, for which he may earn 50 points at most. Under final assessment, he will elaborate an analytical project on the assigned topic, for which he may earn 50 points at most. In order to pass the course successfully at a first attempt, it is necessary to score at least 65 points altogether. The assessment of a student for a resit consists of an elaboration of a more complex analytical project for which he may earn 100 points at most. During a resit, neither mid-term nor final assessment is taken into account. In order to pass the course for a resit attempt, it is necessary to score at least 65 points altogether.	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. is capable of using the acquired methodological apparatus in empirical description of the data generating mechanism of financial and economic processes at a macro level, 2. is capable of applying the acquired methodological apparatus and learned knowledge in stating economic and financial theories in a rigorous mathematical form and in formulating econometric models corresponding to economic theories, and is then capable of applying these models, 3. is competent to assess the empirical validity of theoretical models and is competent to expose them to empirical verification in respect of real data, 4. is competent to appraise the benefits of the obtained outcome in relation to economic, statistical and econometric conditions and expectations, and has the ability to employ modelling skills in scientific research, 5. is proficient in assessing and evaluation effects of political-economic decisions in the purview of stabilization policy of the state (fiscal and monetary policy) and external economic policy, 6. is capable of creating variant analytical models and prognostic model to be applied across all finance. 	
Brief outline of the course: The course provides an overview of theory and practice of empirical modelling of macroeconomic phenomena related to finance with an emphasis upon the needs of fiscal and monetary	

policy. The exposition will go over the following outline of topics: 1. Introduction into applied macroeconometrics. 2. Probabilistic structure of time-series data and basal modelling approaches. 3. Identification problem in econometric models. 4. Rival approaches to econometric modelling: Cowlessian structural models, Hendry's modelling strategy, Sims' critique and vector auto-regressions, calibration. 5. Econometric reflection of basic elements of economic models (IS-LM model, Okun's law, Phillips curve, term structure of interest rates). 7. Monetary policy modelling. 7. Fiscal policy modelling.

Recommended literature:

1. BACKHOUSE, R. E., SALANTI, A. 2000. Macroeconomics and the real world. Volume 1: Econometric techniques and macroeconomics. New York: Oxford University Press, 2000. 301 pp. ISBN 978-0-19-924204-6.
2. BACKHOUSE, R. E., SALANTI, A. 2000. Macroeconomics and the real world. Volume 2: Keynesian economics, unemployment, and policy. New York: Oxford University Press, 2000. 304 pp. ISBN 978-0-19-924205-4.
3. BELKE, A., POLLEIT, T. 2009. Monetary economics in globalized financial markets. New York: Springer, 2009. 822 pp. ISBN 9783540710028.
4. BLINDER, A. S. 1997. Is there a core of practical macroeconomics that we should all believe? In The American Economic Review 87(2): 240-243.
5. BLANCHARD, O. J., FISCHER, S. 1989. Lectures on macroeconomics. Cambridge (MA): MIT Press, 1989. 664 pp. ISBN 978-0262022835.
6. FAVERO, C. A. 2001. Applied macroeconometrics. Oxford: Oxford University Press, 2011. 282 pp. ISBN 978-0-19-829685-0.
7. HANDA, J. 2009. Monetary economics. 2nd ed. Oxon (UK): Routledge, 2009. 842 s. ISBN 978-0-415-77209-
8. HENDRY, D. F. 1995. Dynamic econometrics. Oxford (UK): Oxford University Press, 1995. 869 pp. ISBN 0-19-828316-4.
9. WALSH, C. E. 2017. Monetary theory and policy. 4th ed. Cambridge (MA): MIT Press, 2017. 688 pp. ISBN 978-0262035811.

Language of instruction:

English

Notes: student time load:

180 hours, out of which:
 combined study (lectures, seminars, consultations): 20
 self-study: 80
 preparation for the discussion and presentation under a mid-term assessment: 40
 preparation of the essay under a final assessment: 60

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD.

Last changed: 24.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_AsaUTn_AJ	Course name: Authorship or co-authorship of a teaching text (over 1 AS)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 15	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: Writing as an author or co-author of a teaching text (scripta) in Slovak or a foreign language in print or electronic form.	
Learning objectives: After completion of the course, the student can: <ol style="list-style-type: none"> 1. use the acquired knowledge and skills in their research and teaching activity 2. apply the proposed writing methodology in the creation of teaching texts 3. critically evaluate the content match of the teaching text with the curriculum and syllabus of the relevant course 4. create in co-authorship a teaching text published in print or electronic form meeting the formal and publishing requirements of applicable standards. 	
Brief outline of the course: A teaching text is a publication for university students, published in printed or electronic form, which is usually intended to temporarily replace a missing university textbook. It must go through an official publication process, meet the criteria of a generally published publication and all formal and publishing requirements of applicable standards. The content of the teaching text must match with the curriculum and syllabus of the relevant course. The teaching text can have the form of: instructions for exercises, collections of examples, manuals to deepen and clarify the cross-sectional curriculum.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. BORJA, A. 2021. 11 steps to structuring a science paper editors will take seriously. Elsevier Connect Resources. https://www.elsevier.com/connect/11-steps-to-structuring-a-science-paper-editors-will-take-seriously. 3. SUITER, A. M., SARLI, C. C. 2019. Selecting a journal for publication: Criteria to consider. Missouri Medicine, 116(6), 461–465. 4. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2nd ed. London: Sage. 264 p. 2015. ISBN 9781446207499. 	

5. Smernica č. 6/2020 Zásady edičnej činnosti Univerzity Mateja Bela v Banskej Bystrici.
 6. Smernica č. 2/2013 o bibliografickej registrácii a kategorizácii publikačnej činnosti, umeleckej činnosti a ohlasov na UMB.

Language of instruction:

English

Notes:student time load:

180 hours, out of which:
 combined study (lectures, seminars, consultations) 0
 preparation of the paper 160
 management of the review process 20

Course assessment

The final number of assessed students: 0

abs	n
0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_AsaUTm_AJ	Course name: Authorship or co-authorship of a teaching text (under 1 AS)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 8	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: Writing as an author or co-author of a teaching text (scripta) in Slovak or a foreign language in print or electronic form	
Learning objectives: After completion of the course, the student can: <ol style="list-style-type: none"> 1. use the acquired knowledge and skills in their research and teaching activity 2. apply the proposed writing methodology in the creation of teaching texts 3. critically evaluate the content match of the teaching text with the curriculum and syllabus of the relevant course 4. create in co-authorship a teaching text published in print or electronic form meeting the formal and publishing requirements of applicable standards. 	
Brief outline of the course: A teaching text is a publication for university students, published in printed or electronic form, which is usually intended to temporarily replace a missing university textbook. It must go through an official publication process, meet the criteria of a generally published publication and all formal and publishing requirements of applicable standards. The content of the teaching text must match with the curriculum and syllabus of the relevant course. The teaching text can have the form of: instructions for exercises, collections of examples, manuals to deepen and clarify the cross-sectional curriculum.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. BORJA, A. 2021. 11 steps to structuring a science paper editors will take seriously. Elsevier Connect Resources. https://www.elsevier.com/connect/11-steps-to-structuring-a-science-paper-editors-will-take-seriously. 3. SUITER, A. M., SARLI, C. C. 2019. Selecting a journal for publication: Criteria to consider. Missouri Medicine, 116(6), 461–465. 4. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2nd ed. London: Sage. 264 p. 2015. ISBN 9781446207499. 	

5. Smernica č. 6/2020 Zásady edičnej činnosti Univerzity Mateja Bela v Banskej Bystrici.
 6. Smernica č. 2/2013 o bibliografickej registrácii a kategorizácii publikačnej činnosti, umeleckej činnosti a ohlasov na UMB.

Language of instruction:

English

Notes:student time load:

180 hours, out of which:
 combined study (lectures, seminars, consultations) 0
 preparation of the paper 160
 management of the review process 20

Course assessment

The final number of assessed students: 0

abs	n
0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_BF_AJ	Course name: Behavioural Finance
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 2., 4.	
Level: III.	
Prerequisites:	
Course completion conditions: The condition for completing the course is the elaboration of a semester work in the form of an essay on the manifestations of behavioural biases in financial decision-making according to the student's choice (80 points) and the defence of the work within the colloquium (20 points).	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. is able to understand the main reasons for seemingly rational or irrational financial decisions, 2. will be able to identify deviations from rationality in financial decision-making, make it easier to overcome them and increase the quality of its decision-making, 3. understands how investors (individual and institutional) make financial decisions and what is the impact of psychological aspects on these decisions in order to improve the decision-making process for themselves and others. 	
Brief outline of the course: 1. Behavioural vs. neoclassical (traditional) finance; 2. Prospect theory; 3. Macroeconomic aspects of behavioural finance; 4. Microeconomic aspects of behavioural finance; 5. Application of behavioural finance in corporate finance	
Recommended literature: 1. FORBES, W. 2009. Behavioural Finance. Wiley and Sons. 464 pp. ISBN: 978-0-470-02804-9 2. KAHNEMAN, D. 2011. Thinking, fast and slow. Farrar, Straus and Giroux; 2011. ISBN: 978-0374275631 3. KAHNEMAN, D., TVERSKY, A. 1979. Prospect theory: An analysis of decision under risk. Econometrica. Vol. 47, 1979. ISSN 1468-0262 pp. 263-291. 4. LA PORTA, R., LAKONISHOK, J., SHLIEFER, A. and VISHNY, R. 1997. Good news for value stocks. In Journal of Finance. Vol. 47, 1997. ISSN 1540-6261, pp. 75-109. 5. SHEFRIN, H. 2018. Behavioral Corporate Finance. McGraw-Hill. 300 pp. ISBN: 978-1-259-25486-4.	
Language of instruction: English	
Notes:student time load: 180 hours, out of which:	

combined study (lectures, seminars, consultations) 20 self-study 90 preparation of seminar paper 60 preparation for colloquium 10						
Course assessment The final number of assessed students: 0						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: prof. Ing. Peter Krištofik, Ph.D.						
Last changed: 29.01.2024						
Approved by: prof. Ing. Emília Zimková, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_Cz_AJ	Course name: Citation abroad
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 3	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: Citation abroad (except for self-citation) of a publication published in the authorship or co-authorship of a doctoral candidate registered in the University Library of the MBU.	
Learning objectives: Doctoral candidate by citation abroad: <ol style="list-style-type: none"> 1. demonstrates its ability to publish research results of importance to the international scientific community; 2. demonstrates the skills acquired in the preparation of a scientific publication that achieves adequate readability and citation abroad; 3. achieves the competence to communicate with the academic community and to disseminate research results in an effective way, including citing these research results abroad; 4. proves that he/she has become a member of the international scientific community. 	
Brief outline of the course: Citation, forms and types of citations in scientific literature. Citation as part of scientometrics. Open access (what is open access, reasons of its origin, copyright, and open access, publishing in the form of open access, opportunities, threats, and predators) and its opportunities to increase the citation rate of publications. Possibilities of increasing the readability and citation rate of publications (participation in international conferences, publishing in top-quality international peer-reviewed scientific journals, use of social media, and professional networks/platforms for dissemination of publications). Active search for citations of own publications and possibilities of their monitoring and evaluation. Evidence of citations in the University Library of the MBU.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. Available online at: https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. HAMERMESH, D. S. 2018. Citations in economics: Measurement, uses, and impacts. Journal of Economic Literature, 56(1), 115-56. Available online at: https://www.aeaweb.org/articles?id=10.1257/jel.20161326 3. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2nd vol. London: Sage. 264 s. 2015. ISBN 9781446207499 	

4. TAHAMTAN, I., SAFIPOUR AFSHAR, A. & AHAMDZADEH, K. 2016. Factors affecting number of citations: a comprehensive review of the literature. *Scientometrics* 107, 1195–1225 (2016). <https://doi.org/10.1007/s11192-016-1889-2> Available online at: <https://link.springer.com/article/10.1007/s11192-016-1889-2>

Language of instruction:

English

Notes:student time load:

Not applicable

Course assessment

The final number of assessed students: 0

abs	n
0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_Cz_sw_AJ	Course name: Citation abroad (Scopus, WOS)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: Citation abroad (except for self-citation) of a publication published in the authorship or co-authorship of a doctoral candidate registered in the University Library of the MBU and also verifiable in the Scopus and/or WOS database.	
Learning objectives: Doctoral candidate by citation abroad: <ol style="list-style-type: none"> 1. demonstrates its ability to publish research results of importance to the international scientific community; 2. demonstrates the skills acquired in the preparation of a scientific publication that achieves adequate readability and citation abroad, including citations in the Scopus and/or WOS database; 3. achieves the competence to communicate with the academic community and to disseminate research results in an effective way, including citing these research results abroad in Scopus and/or WOS database; 4. proves that he/she has become a member of the international scientific community. 	
Brief outline of the course: Citation, forms and types of citations in scientific literature. Citation as part of scientometrics. Open access (what is open access, reasons of its origin, copyright, and open access, publishing in the form of open access, opportunities, threats, and predators) and its opportunities to increase the citation rate of publications. Possibilities of increasing the readability and citation rate of publications (participation in international conferences, publishing in top-quality international peer-reviewed scientific journals, use of social media, and professional networks/platforms for dissemination of publications). Active search for citations of own publications and possibilities of their monitoring and evaluation. Evidence of citations in the University Library of the MBU.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. Available online at: https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. HAMERMESH, D. S. 2018. Citations in economics: Measurement, uses, and impacts. Journal of Economic Literature, 56(1), 115-56. Available online at: https://www.aeaweb.org/articles?id=10.1257/jel.20161326 	

3. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2nd vol. London: Sage. 264 s. 2015. ISBN 9781446207499
4. TAHAMTAN, I., SAFIPOUR AFSHAR, A. & AHAMDZADEH, K. 2016. Factors affecting number of citations: a comprehensive review of the literature. *Scientometrics* 107, 1195–1225 (2016). <https://doi.org/10.1007/s11192-016-1889-2> Available online at: <https://link.springer.com/article/10.1007/s11192-016-1889-2>

Language of instruction:

English

Notes: student time load:

Not applicable

Course assessment

The final number of assessed students: 0

abs	n
0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofik, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_Cd_AJ	Course name: Citation at home
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 1	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: Citation at home (except for self-citation) of a publication published in the authorship or co-authorship of a doctoral candidate registered in the University Library of the MBU.	
Learning objectives: Doctoral candidate by citation at home: <ol style="list-style-type: none"> 1. demonstrates its ability to publish research results of importance to the domestic scientific community; 2. demonstrates the skills acquired in the preparation of a scientific publication that achieves adequate readability and citation at home; 3. achieves the competence to communicate with the academic community and to disseminate research results in an effective way, including citing these research results at home; 4. proves that he/she has become a member of the scientific community at home. 	
Brief outline of the course: Citation, forms and types of citations in scientific literature. Citation as part of scientometrics. Open access (what is open access, reasons of its origin, copyright, and open access, publishing in the form of open access, opportunities, threats, and predators) and its opportunities to increase the citation rate of publications. Possibilities of increasing the readability and citation rate of publications (participation in domestic conferences, publishing in top-quality peer-reviewed scientific journals, use of social media, and professional networks/platforms for dissemination of publications). Active search for citations of own publications and possibilities of their monitoring and evaluation. Evidence of citations in the University Library of the MBU.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. Available online at: https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. HAMERMESH, D. S. 2018. Citations in economics: Measurement, uses, and impacts. Journal of Economic Literature, 56(1), 115-56. Available online at: https://www.aeaweb.org/articles?id=10.1257/jel.20161326 3. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2nd vol. London: Sage. 264 s. 2015. ISBN 9781446207499 	

4. TAHAMTAN, I., SAFIPOUR AFSHAR, A. & AHAMDZADEH, K. 2016. Factors affecting number of citations: a comprehensive review of the literature. *Scientometrics* 107, 1195–1225 (2016). <https://doi.org/10.1007/s11192-016-1889-2> Available online at: <https://link.springer.com/article/10.1007/s11192-016-1889-2>

Language of instruction:

English

Notes:student time load:

Not applicable

Course assessment

The final number of assessed students: 0

abs	n
0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_SaMz_AJ	Course name: Co-authorship of a monograph (abroad)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 20	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: To elaborate one author sheet as a co-author of a scientific publication in a printed or electronic form, that being in English languages and published by a foreign publisher.	
Learning objectives: The student <ol style="list-style-type: none"> 1. uses the acquired knowledge and skills in proofreading and editing a scientific publication and improving the applied research methodology, 2. is able to implement the proposed methodology in creating a scientific work, 3. applies the proposed methodology in processing the data by selected statistical methods and statistical programs, 4. critically evaluates the obtained results, and synthesizes the previous knowledge related to the given topic, and 5. co-authors a scientific publication published in printed or electronic form, which provides a complex, comprehensive, holistic, and systematic analysis of one topic, scientific problem, or an aspect of a scientific field including all views of the given topic. 	
Brief outline of the course: The scientific monograph explains one, normally a narrowly specified problem from general, systematic, detailed, and holistic points of view. In writing the monograph, the author, or group of authors, use, critically evaluate, and synthesize the previous knowledge regarding the topic, while enriching it in new information, being the result of the author's (authors') own scientific work. The monograph contains the author's (authors') own contribution with regard to the topic, and the conclusions made from the research. A carefully processed scientific apparatus is integral to the scientific monograph.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. Dostupné na internete: https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. BORJA, A. 2021. 11 steps to structuring a science paper editors will take seriously. Elsevier Connect Resources. Dostupné na internete: https://www.elsevier.com/connect/11-steps-to-structuring-a-science-paper-editors-will-take-seriously. 	

3. SUITER, A. M., SARLI, C. C. 2019. Selecting a journal for publication: Criteria to consider. *Missouri Medicine*, 116(6), 461–465.
4. ISRAEL, M. 2015. *Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance*. 2. vyd. London: Sage. 264 s. 2015. ISBN 9781446207499.
5. Smernica č. 6/2020 Zásady edičnej činnosti Univerzity Mateja Bela v Banskej Bystrici.

Language of instruction:

English

Notes: student time load:

180 hours, out of which:
 combined study (lectures, seminars, consultations) 0
 preparation of the paper 160
 management of the review process 20

Course assessment

The final number of assessed students: 0

abs	n
0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_SaMd_AJ	Course name: Co-authorship of a monograph (at home)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 15	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: To elaborate one author sheet as a co-author of a scientific publication in a printed or electronic form, that being in Slovak or English languages and published by a domestic (Slovak) publisher.	
Learning objectives: The student <ol style="list-style-type: none"> 1. uses the acquired knowledge and skills in proofreading and editing a scientific publication and improving the applied research methodology, 2. is able to implement the proposed methodology in creating a scientific work, 3. applies the proposed methodology in processing the data by selected statistical methods and statistical programs, 4. critically evaluates the obtained results, and synthesizes the previous knowledge related to the given topic, and 5. co-authors a scientific publication published in printed or electronic form, which provides a complex, comprehensive, holistic, and systematic analysis of one topic, scientific problem, or an aspect of a scientific field including all views of the given topic. 	
Brief outline of the course: The scientific monograph explains one, normally a narrowly specified problem from general, systematic, detailed, and holistic points of view. In writing the monograph, the author, or group of authors, use, critically evaluate, and synthesize the previous knowledge regarding the topic, while enriching it in new information, being the result of the author's (authors') own scientific work. The monograph contains the author's (authors') own contribution with regard to the topic, and the conclusions made from the research. A carefully processed scientific apparatus is integral to the scientific monograph.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. Dostupné na internete: https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. BORJA, A. 2021. 11 steps to structuring a science paper editors will take seriously. Elsevier Connect Resources. Dostupné na internete: https://www.elsevier.com/connect/11-steps-to-structuring-a-science-paper-editors-will-take-seriously. 	

3. SUITER, A. M., SARLI, C. C. 2019. Selecting a journal for publication: Criteria to consider. *Missouri Medicine*, 116(6), 461–465.
4. ISRAEL, M. 2015. *Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance*. 2. vyd. London: Sage. 264 s. 2015. ISBN 9781446207499.
5. Smernica č. 6/2020 Zásady edičnej činnosti Univerzity Mateja Bela v Banskej Bystrici.

Language of instruction:

English

Notes:student time load:

180 hours, out of which:
 combined study (lectures, seminars, consultations) 0
 preparation of the paper 160
 management of the review process 20

Course assessment

The final number of assessed students: 0

abs	n
0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_PDPaDS_AJ	Course name: Dissertation thesis project and dissertation exam
Type, extent and method of instruction: Form of instruction: Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 20	
Recommended semester/trimester: 3., 4..	
Level: III.	
Prerequisites:	
Course completion conditions: a) continuous assessment: submission of the dissertation thesis project according to the required standard. b) final assessment: defence of the dissertation thesis project: 100 points.	
Learning objectives: Having passed the dissertation exam, the student <ol style="list-style-type: none"> 1. can use the acquired knowledge and skills in shaping the objective, material and methods of research, 2. can apply the methods for the creation of a sample and collection of secondary and primary data, 3. can apply the proposed methods for the processing of data with the use of statistical methods and programmes, 4. can estimate the sufficiency, appropriateness and communicative value of the processed data and suggest corrections, and/or changes in the collection and processing of the data, 5. can critically assess the acquired data and work out a partial result, 6. can write a dissertation thesis according to formal and content requirements, including the list of bibliographic references Directive No. 9/2021 on theses and dissertations, rigorous theses, and habilitation dissertations at MBU in Banská Bystrica. 	
Brief outline of the course: Structure of the paper for dissertation exam: introduction to the issues; Current state of the researched issues at home and abroad; Objective, material and methods of research; Preliminary outline of dissertation; Partial results of the solution; List of bibliographic references; Appendices. Extent about 2 standard sheets (1 sheet = 36 000 characters) without bibliographic references and appendices.	
Recommended literature: <ol style="list-style-type: none"> 1. Study Regulations of the Faculty of Economics, MBU; provisions applicable to PhD study. 2. Directive No. 9/2021 on theses and dissertations, rigorous theses, and habilitation dissertations at UMB in Banská Bystrica 3. Regulation S-02-21 Format of written qualification theses defended at Matej Bel University in Banská Bystrica. 4. Act No 131/2002 Z. z. Coll. on Higher Education and the Amendment of Certain Laws. 	

5. Directive No 7/2021 on doctoral study at MBU in Banská Bystrica 6. Directive No 10/2021 on the establishment of commissions for specific fields of study in doctoral studies at the MBU in Banská Bystrica.								
Language of instruction: English								
Notes:student time load: 600 hours, out of which: combined study (lecture, seminar, consultation) 0 analytical and proposal part of dissertation 540 preparation of the presentation 50 presentation of dissertation at preliminary defence 10								
Course assessment The final number of assessed students: 0								
A	B	C	D	E	FX(0)	FX(1)	Nevyh	Vyh
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor:								
Last changed: 29.01.2024								
Approved by: prof. Ing. Emília Zimková, PhD.								

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_DPaO_AJ	Course name: Dissertation thesis with defence
Type, extent and method of instruction: Form of instruction: Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 40	
Recommended semester/trimester: 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: a) continuous assessment: elaboration of the working variant of the dissertation thesis, elaboration of the final variant of the dissertation thesis. b) final assessment: defense of the dissertation thesis: 100 points.	
Learning objectives: Having defended the thesis, the student <ol style="list-style-type: none"> 1. can use the acquired knowledge and skills in shaping the objective, material and methods of research, 2. can apply the methods for the creation of a sample and collection of secondary and primary data, 3. can apply the proposed methods for the processing of data with the use of statistical methods and programmes, 4. can estimate the sufficiency, appropriateness and communicative value of the processed data and suggest corrections, and/or changes in the collection and processing of the data, 5. can critically assess the acquired data and work out a partial result, 6. can write a dissertation thesis according to formal and content requirements, including the list of bibliographic references, Directive No. 9/2021 on theses and dissertations, rigorous theses, and habilitation dissertations at MBU in Banská Bystrica, 7. can react to the opponents' comments and defend the dissertation in front of the board. 	
Brief outline of the course: Structure of dissertation thesis: Introduction to the issue; State-of-the-art of the issue at home and abroad; Objective, material and methods of research; Results and discussion; Theoretical and practical contribution of the dissertation thesis; List of bibliographic references; Appendices. The extent of the thesis is about 7 standard sheets (1 sheet = 36 000 characters) not including bibliography and appendices.	
Recommended literature: <ol style="list-style-type: none"> 1. Study Regulations of the Faculty of Economics, MBU; provisions applicable to PhD study. 2. Directive No. 9/2021 on theses and dissertations, rigorous theses, and habilitation dissertations at UMB in Banská Bystrica 3. Regulation S-02-21 Format of written qualification theses defended at Matej Bel University in Banská Bystrica. 	

4. Act No 131/2002 Z. z. Coll. on Higher Education and the Amendment of Certain Laws.
5. Directive No 7/2021 on doctoral study at MBU in Banská Bystrica
6. Directive No 10/2021 on the establishment of commissions for specific fields of study in doctoral studies at the MBU in Banská Bystrica.

Language of instruction:

English

Notes:student time load:

1200 hours, out of which:

combined study (lecture, seminar, consultation) 0

dissertation thesis draft 600

including the comments from the scientific meeting 300

report of the dissertation 200

presentation 50

defence materials and defence of dissertation 50

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor:

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_EMI_AJ	Course name: Economics and Management of Innovation
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 1., 3.	
Level: III.	
Prerequisites:	
Course completion conditions: a) mid-term assessment: discussion in consultation: 20 points. b) final assessment: elaboration of the analytical study and its presentation at the colloquium: 80 points.	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. can apply the acquired knowledge of advanced knowledge in the fields of economics and innovation management at macro and enterprise level for the scientific formulation of hypotheses of research solutions and the analysis of the problem of his PhD. thesis, 2. can work with domestic and foreign literature and databases and appropriately apply areas of current innovation research at the levels of macro and microeconomics, contributions of enterprises and other actors and institutions to innovation processes with knowledge of the creation and evaluation of innovation policies in the scope of the innovation ecosystem, 3. can apply theoretical and empirical models to the analysis of financial, economic and political issues related to innovation, using the knowledge and trends contained in innovation studies, 4. is capable of preparing a detailed analytical study. 	
Brief outline of the course: 1. Introduction to the economics and innovation management. 2. Analytical methods and techniques usable in innovation management. 3. Innovation and innovation ecosystem. 4. Evaluation of R&D and innovation public support policies. 5. Intellectual property and its protection. 6. Open approaches to innovation and economic development. 7. Human capital and its activation. 8. The importance of universities and institutions in the innovation ecosystem based on the concept of the Quadruple Helix model. 9. Specifics of the regional and sectoral dimension of innovation support. 10. Innovation in finance. 11. Microeconomic aspects of innovation at the enterprise level. Business innovation strategies. Business processes of innovation. Economic and control aspects of business innovation. 12. Linking concepts and assumptions used in models of economic growth with microeconomics of innovation.	
Recommended literature: 1. ROSENBERG, H., HALL, B. H. 2010. Handbook of Economics of Innovation. Amsterdam. North Holland. Elsevier. 2010. ISBN: 978-0-444-51995-5	

2. ADNER, R., KAPOOR, R. 2010. Value creation in innovation ecosystems : How the structure of technological interdependence affects firm performance in new technology generations. In: Strategic Management Journal, No. 31 (3), pp. 306 -333.
3. DAHLANER, L., GANN, D.M. 2010. How open is innovation? Research Policy, 39(6): 699-709
4. BREALEY, R.A., MYERS, S.C., ALLEN, F. 2019. Principles of Corporate Finance. McGraw-Hill, 2019. ISBN 1260565556
5. EINIO, E. 2014. R&D subsidies and company performance: evidence from geographic variation in government funding based on the ERDF population-density rule. Review of Economics and Statistics, 96(4): 710-728
6. FELIN, T., ZENGER, R. R. 2014. Closed or open innovation? Problem solving and the governance choice. Research Policy, 43: 914-925
7. HUŇADY, J., ORVISKÁ, M., PISÁR, P. 2018. The effect of higher education on entrepreneurial activities and starting up successful businesses. In Inžinerinē ekonomika = Engineering Economics. - Kaunas : Kauno technologijos universitetas, 2018. - ISSN 1392-2785. - Vol. 29, no. 2 (2018), pp. 226-235
8. HUŇADY, J., PISÁR, P. et. al. 2017. Innovation support and economic development at the regional level: panel data evidence from Visegrad countries. In Journal of International Studies (Kyiv). - Szczecin : Centre of Sociological Research, 2017. - ISSN 2071-8330. - Vol. 10, no. 3 (2017), pp. 147-160.
9. HUŇADY, J., ORVISKÁ, M., PISÁR, P. 2019. What matters: The formation of university spin-offs in Europe. In Business Systems Research. Walter de Gruyter, 2019. - ISSN 1847-8344. - Vol. 10, no. 1 (2019), pp. 138-152
10. JAFFE, A. 1989. Real Effects of Academic Research. American Economic Review, 79(5): 957-970
11. LAMMENT, M., WOLAK-TUZIMEK, A., MARÁKOVÁ, V., KRIŠTOFÍK, P. 2020. Innovation in selected sectors of the economy. 1. vyd. Radom : Publishing House Kazimierz Pulaski University of Technology and Humanities. ISBN 978-83-7351-894-0
12. PAVITT, K. 1991. What Makes Basic Research Economically Useful? Research Policy, 20: 109-119
13. PISÁR, P. et. al. 2020. The contribution of innovation actors into business R&D funding - Does the substitution effect of public support work in the EU? In E+M Ekonomie a Management. Liberec : Technická univerzita v Liberci, 2020. - ISSN 1212-3609 - Vol. 23, no. 1 (2020), pp. 121-134
14. PISÁR, P. et. al. 2019. Performance based funding of universities: Czech Republic and Slovakia /. 13. chapter. In Performance-based budgeting in the public sector - Cham : Springer Nature Switzerland, 2019. - ISBN 978-3-030-02076-7
15. PISÁR, P. et. al. 2021. Effectiveness of public support for business innovation from EU funds: Case study in Slovakia. In The NISPAcee journal of public administration and policy. Bratislava : NISPAcee Press : NISPAcee Press, 2021. - ISSN 1337-9038. - Vol. 14, no. 1 (2021), pp. 261-283.
16. ŠIPIKAL, M. -SZITÁSIOVÁ, V. - PISÁR, P. - URAMOVÁ, M. 2017. Spatially blind or place based policy? A comparison of innovation support in the Czech and Slovak Republic. In E +M Ekonomie a Management: Technická univerzita v Liberci, 2017. - ISSN 1212-3609. - Vol. 20, no. 1 (2017), pp. 16-27

Language of instruction:

English

Notes:student time load:

180 hours, out of which: combined study (lectures, seminars, consultations) 20 self-study 80 processing a detailed analytical study 80 individual consultations 10						
Course assessment The final number of assessed students: 0						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: prof. Ing. Peter Pisár, PhD., prof. Ing. Peter Krištofik, Ph.D.						
Last changed: 29.01.2024						
Approved by: prof. Ing. Emília Zimková, PhD.						

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: 3_EaMS_AJ	Course name: Economy and Management of Services
Type, extent and method of instruction: Form of instruction: Lecture Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 2., 4.	
Level: III.	
Prerequisites:	
Course completion conditions: (a) Continuous evaluation: semester project: 60 points (b) final assessment: defense of the project in a colloquium: 40 points	
Learning objectives: Student <ol style="list-style-type: none"> 1. applies the learning outcomes to uncover and analyse the basic economic categories of services and their economic characteristics; 2. is able to understand the rationale for the growth of the service sector in all economic and managerial contexts and applies knowledge of the assessment of the concentration and competitiveness of service sector industries down to the level of specific companies; 3. applies theoretical knowledge and international experience to development studies of selected service industries; 4. be able to assess the international position of Slovakia in indicators showing the volume and structure of services and their development, assess absolute and relative comparative advantages in the service sector, assesses the objective requirements and the realistic possibilities of meeting these requirements by individual non-market - public service sectors and assesses the economic implications of the existence of collective goods. 6. in the process of acquiring theoretical knowledge about services and their development, create an objective diagnosis of the state of the service sector through the macro, meso and micro level. 	
Brief outline of the course: Definition of services. Service as a system. Characteristics of services (general and specific). Asymmetric information. Classification of services, especially public services. Determinants and aspects of demand. Macroeconomic implications of the relative growth of the service sector. Macro, meso and micro approach to the study of services. Globalization, competitiveness of service sector industries, concentration (HHI) and comparative advantages in the service sector. Technology and technology in services. Human factor in services. Structural changes in the economy and the growth of services. Developmental features and restructuring of services. Indicators of the position of services in the economy. Valuation of service production. Market and non-market services. Service collectivity vs. public good. Production, provision, delivery of public services. Non-market-public service sectors.	

Recommended literature:

1. BRYSON, J. R., SUNDBO, J., FUGLSANG, L, DANIELS P. 2020. Service Management. Palgrave Macmillan. 2020. 287 pages. 978-3-030-52059-5 (<https://doi.org/10.1007/978-3-030-52060-1>)
2. Toivonen, M. 2016. Service Innovation. Springer. 2016. 281 pages. 978-4-431-54921-5 (<https://doi.org/10.1007/978-4-431-54922-2>)
3. Selloni, D. 2017. CoDesign for Public-Interest Services. Springer Cham. 2017. 193 pages. 978-3-319-85101-3 (<https://doi.org/10.1007/978-3-319-53243-1>)
4. GUSTAFSSON, A. - JOHNSON, J. D. 2003. Competing in a Service Economy. Michigan: University of Michigan, 2003. 210 p. ISBN 0-7879-6156-6
5. JOHNSTON, R. - CLARK, G. 2005. Service Operations Management (Improving Service Delivery). Harlow: Prentice Hall, 2005. p. 496. ISBN 0-273-68367-5

Language of instruction:

English

Notes:student time load:**Course assessment**

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: prof. Ing. Beata Mikušová Meričková, PhD.

Last changed: 24.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_HVPaVP_AJ	Course name: Evaluation of Public Programs and Public Policies
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 2., 4.	
Level: III.	
Prerequisites:	
Course completion conditions: a) continuous assessment: discussion during the consultations: 20 points. b) final assessment: elaboration of an analytical study and its presentation at the colloquium: 80 points.	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. use the acquired knowledge about the use of project management methods for the creation and evaluation of public projects / programs as a framework for the management of public expenditure and evaluation of interventions of public policy programs, 2. is able to select and understand the quantitative impact of evaluation methods that he can apply in his research, 3. apply appropriate evaluation methods that can be used to evaluate programs in terms of the effectiveness of public spending and the effectiveness of public policies, interpret existing impact assessments in relation to evaluation theories and public policies, 4. creates an evaluation study for the evaluation of public projects / programs in the sense of the concept of "value for money", 5. proposes its own assessment of the impact of the interventions of selected public policy programs and proposals for targeting new programs and policies, with a critical assessment of the "scope of state interventions" on their functioning. 	
Brief outline of the course: 1. Use of project management methods to manage public programs / projects. 2. Approaches to the evaluation of public programs / projects and their application in public expenditure management. 3. Methods of evaluation of public programs / projects. 4. Financial methods in the context of public expenditure management (cost-benefit analysis, cost-effectiveness, ratio methods, programming models, portfolio models). 5. Cost-benefit analysis - theory vs. EU methodology. Methods of evaluation of several criteria. 6. Evaluation of public policy programs and their practical applications. 7. Counterfactual evaluation methods and their use in evaluating the effectiveness of public policy impacts. 8. Specifics of evaluation of interventions from EU funds on examples of applied research outputs.	
Recommended literature:	

1. BOARDMAN, A. E. 2006. Cost-benefit analysis : concepts and practice. 3rd ed. Upper Saddle River: Pearson Prentice Hall, 2006. xv, 560. ISBN 0131435833
2. GATTI, S. 2007. Project Finance in Theory and Practice: Designing, Structuring, and Financing Private and Public Projects. Burlington: Academic Press, 2007, ISBN 978-0123736994
3. HUŇADY, J., ORVISKÁ, M., PISÁR, P. 2018. The effect of higher education on entrepreneurial activities and starting up successful businesses. In Inžinerinė ekonomika = Engineering Economics. - Kaunas : Kauno technologijos universitetas, 2018. - ISSN 1392-2785. - Vol. 29, no. 2 (2018), pp. 226-235
4. KAHN, L. M. 2012. Labor market policy: A comparative view on the costs and benefits of labor market flexibility. Journal of Policy Analysis and Management, 31(1), 94-110
5. MARTINS, P. S. 2019. Public Policy, Big Data, and Counterfactual Evaluation: An Illustration from an Employment Activation Programme. In Data-Driven Policy Impact Evaluation (pp. 149-163). Springer, Cham
6. PISÁR, P. et al. 2020. The contribution of innovation actors into business R&D funding - Does the substitution effect of public support worth in the EU? In E+M Ekonomie a Management. Liberec : Technická univerzita v Liberci, 2020. - ISSN 1212-3609 - Vol. 23, no. 1 (2020), pp. 121-134
7. PISÁR, P. et. al. 2019. Performance based funding of universities: Czech Republic and Slovakia. In Performance-based budgeting in the public sector. Cham : Springer Nature Switzerland, 2019. - ISBN 978-3-030-02076-7
8. PISÁR, P. et. al. 2021. Effectiveness of public support for business innovation from EU funds: Case study in Slovakia. In The NISPAcee journal of public administration and policy. Bratislava : NISPAcee Press, 2021. - ISSN 1337-9038. - Vol. 14, no. 1 (2021), pp. 261-283.
9. ŠIPIKAL, M., PISÁR, P. et. al. 2013. Are subsidies really needed? The case of EU regional policy in the Czech and Slovak republics. In Ekonomie a Management, 2013, No. 4/16. ISSN 2336-5604, pp. 16-28.
10. ŠIPIKAL, M., SZITÁSIOVÁ, V., PISÁR, P., URAMOVÁ, M. 2017. Spatially blind or place based policy? A comparison of innovation support in the Czech and Slovak Republic. In E+M Ekonomie a Management. Liberec: Technická univerzita v Liberci, 2017. - ISSN 1212-3609. - Vol. 20, no. 1 (2017), pp. 16-27

Language of instruction:

English

Notes: student time load:

180 hours, out of which:
 combined study (Lectures, seminars, consultations) 20
 self-study 80
 processing of an evaluation study 70
 collection of data 10

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: prof. Ing. Peter Pisár, PhD., doc. Ing. Ján Huňady, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_OSrcz_AJ	Course name: Expert study in a reviewed journal/proceedings (abroad)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 8	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: Writing as an author or co-author of a professional study in an international peer-reviewed journal / proceedings in Slovak or a foreign language in print or electronic form	
Learning objectives: After completion of the course, the student can: <ol style="list-style-type: none"> 1. use the acquired knowledge and skills in refining the research methodology of a professional study to be published in a peer-reviewed journal / proceedings 2. design and apply a methodology in the creation of a professional study 3. critically evaluate the achieved results and synthesize the previously known knowledge on the topic 4. independently or in co-authorship write a professional study published in print or electronic form. 	
Brief outline of the course: Studies published in proceedings and journals. Proceedings – a collection of separate related texts under a common title. Individual parts of proceedings (studies, scientific papers, professional papers, works of art, contributions and abstracts) as stand-alone publications. Different types of proceedings: conference, non-conference, one-time and continuous proceedings. Print or electronic form of proceedings. The review process – at least two reviewers clearly listed in the publication. A journal – a periodical published at regular intervals, at least twice a year, in printed or electronic form. The contents, pre-defined program and a specific focus of a journal – contributions from several authors.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. BORJA, A. 2021. 11 steps to structuring a science paper editors will take seriously. Elsevier Connect Resources. https://www.elsevier.com/connect/11-steps-to-structuring-a-science-paper-editors-will-take-seriously. 3. SUITER, A. M., SARLI, C. C. 2019. Selecting a journal for publication: Criteria to consider. Missouri Medicine, 116(6), 461–465. 	

4. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2nd ed. London: Sage. 264 p. 2015. ISBN 9781446207499. 5. Smernica č. 6/2020 Zásady edičnej činnosti Univerzity Mateja Bela v Banskej Bystrici.	
Language of instruction: English	
Notes:student time load: 180 hours, out of which: combined study (lectures, seminars, consultations) 0 preparation of the paper 160 management of the review process 20	
Course assessment The final number of assessed students: 0	
abs	n
0.0	0.0
Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.	
Last changed: 29.01.2024	
Approved by: prof. Ing. Emília Zimková, PhD.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_OSrcd_AJ	Course name: Expert study in a reviewed journal/proceedings (at home)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: Writing as an author or co-author of a professional study in a domestic peer-reviewed journal / proceedings in Slovak or a foreign language in print or electronic form.	
Learning objectives: After completion of the course, the student can: <ol style="list-style-type: none"> 1. use the acquired knowledge and skills in refining the research methodology of a professional study to be published in a peer-reviewed journal / proceedings 2. design and apply a methodology in the creation of a professional study 3. critically evaluate the achieved results and synthesize the previously known knowledge on the topic 4. independently or in co-authorship write a professional study published in print or electronic form. 	
Brief outline of the course: Studies published in proceedings and journals. Proceedings – a collection of separate related texts under a common title. Individual parts of proceedings (studies, scientific papers, professional papers, works of art, contributions and abstracts) as stand-alone publications. Different types of proceedings: conference, non-conference, one-time and continuous proceedings. Print or electronic form of proceedings. The review process – at least two reviewers clearly listed in the publication. A journal – a periodical published at regular intervals, at least twice a year, in printed or electronic form. The contents, pre-defined program and a specific focus of a journal – contributions from several authors.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. BORJA, A. 2021. 11 steps to structuring a science paper editors will take seriously. Elsevier Connect Resources. https://www.elsevier.com/connect/11-steps-to-structuring-a-science-paper-editors-will-take-seriously. 3. SUITER, A. M., SARLI, C. C. 2019. Selecting a journal for publication: Criteria to consider. Missouri Medicine, 116(6), 461–465. 	

4. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2nd ed. London: Sage. 264 p. 2015. ISBN 9781446207499. 5. Smernica č. 6/2020 Zásady edičnej činnosti Univerzity Mateja Bela v Banskej Bystrici.	
Language of instruction: English	
Notes:student time load: 180 hours, out of which: combined study (lectures, seminars, consultations) 0 preparation of the paper 160 management of the review process 20	
Course assessment The final number of assessed students: 0	
abs	n
0.0	0.0
Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.	
Last changed: 29.01.2024	
Approved by: prof. Ing. Emília Zimková, PhD.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_EA1_AJ	Course name: Extracurricular Activities 1
Type, extent and method of instruction: Form of instruction: Lecture Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 10s Method of study: combined	
Number of credits: 3	
Recommended semester/trimester: 1., 3.	
Level: III.	
Prerequisites:	
Course completion conditions: Evaluation: 100% implementation of individual activities (student workload in the range of 90 hours (30 hours = 1 credit))	
Learning objectives: 1. developing of professional, social and intercultural skills; 2. greater chance of finding a job on the labor market, gaining a better idea of what career path to pursue, increasing competitiveness and employability; 3. development of transferable skills: communication skills, mathematical skills, organizational skills, digital skills, analytical skills, interpersonal skills, creativity and the ability to think abstractly, the ability to think critically, mentoring and supervision skills, business skills, motivation and the ability to learn, thinking in context, metacognitive abilities.	
Brief outline of the course: Supporting doctoral students to carry out activities as part of their formal and non-formal education and informal learning during their studies. Activities are not part of the subject curriculum. It can be: - compiling (editing) activities of book publications; - active involvement in faculty and / or university bodies (academic senate, student council, council for internal quality system, etc.); - participation in scientific, professional or artistic conferences, workshops, seminars, non-formal education programs; - performing administrative work related to the pedagogical process (eg secretary at state exams, etc.); - representation of the faculty / university in the Slovak, resp. international area; - voluntary activities.	
Recommended literature: 1. Smernica č. 11/2021 o udeľovaní ECTS kreditov za extrakurikulárne aktivity na Univerzite Mateja Bela v Banskej Bystrici. 2. Vyhláška č. 456/2012 Ministerstva školstva, vedy, výskumu a športu Slovenskej republiky o centrálnom registri evidencie publikačnej činnosti a centrálnom registri evidencie umeleckej činnosti. 3. Smernica č. 2/2013 o bibliografickej registrácii a kategorizácii publikačnej činnosti, umeleckej činnosti a ohlasov na UMB. 4. DAVIES, L, 2008. Informal Learning. Taylor & DeNXIA Ltd., 2008. 200 s. ISBN 0566088576	

5. HOPKINSON, M. 2014. Compassionate Leaderships. London : Piatkus, 2014. 240 s. ISBN 978-0-3494-0321-2.
6. MATTHEWS, P., 2013. Informal Learning at Work. Three Faces Publ., 256 s. ISBN 1909552003.
7. RICHARDSON, L.D. and WOLFE, M, 2001. Principles and Practice of Informal Education. Learnign through life. London : RoutledgeFalmer, 2001. p. 304. ISBN 0-415-21689-3.
8. ZAKI DIB, C. 1988. Formal, non-formal and informal education: Concepts/applicability. New York : Cooperative Networks in Physics Education, s. 300 – 315. Dostupné na internete: <http://techne-dib.com.br/downloads/6.pdf> [online].

Language of instruction:

English

Notes:student time load:

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_EA2_AJ	Course name: Extracurricular Activities 2
Type, extent and method of instruction: Form of instruction: Lecture Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 10s Method of study: combined	
Number of credits: 3	
Recommended semester/trimester: 2., 4.	
Level: III.	
Prerequisites:	
Course completion conditions: Evaluation: 100% implementation of individual activities (student workload in the range of 90 hours (30 hours = 1 credit))	
Learning objectives: 1. developing of professional, social and intercultural skills; 2. greater chance of finding a job on the labor market, gaining a better idea of what career path to pursue, increasing competitiveness and employability; 3. development of transferable skills: communication skills, mathematical skills, organizational skills, digital skills, analytical skills, interpersonal skills, creativity and the ability to think abstractly, the ability to think critically, mentoring and supervision skills, business skills, motivation and the ability to learn, thinking in context, metacognitive abilities.	
Brief outline of the course: Supporting doctoral students to carry out activities as part of their formal and non-formal education and informal learning during their studies. Activities are not part of the subject curriculum. It can be: - compiling (editing) activities of book publications; - active involvement in faculty and / or university bodies (academic senate, student council, council for internal quality system, etc.); - participation in scientific, professional or artistic conferences, workshops, seminars, non-formal education programs; - performing administrative work related to the pedagogical process (eg secretary at state exams, etc.); - representation of the faculty / university in the Slovak, resp. international area; - voluntary activities..	
Recommended literature: 1. Smernica č. 11/2021 o udeľovaní ECTS kreditov za extrakurikulárne aktivity na Univerzite Mateja Bela v Banskej Bystrici. 2. Vyhláška č. 456/2012 Ministerstva školstva, vedy, výskumu a športu Slovenskej republiky o centrálnom registri evidencie publikačnej činnosti a centrálnom registri evidencie umeleckej činnosti. 3. Smernica č. 2/2013 o bibliografickej registrácii a kategorizácii publikačnej činnosti, umeleckej činnosti a ohlasov na UMB. 4. DAVIES, L, 2008. Informal Learning. Taylor & DeNXIA Ltd., 2008. 200 s. ISBN 0566088576	

5. HOPKINSON, M. 2014. Compassionate Leaderships. London : Piatkus, 2014. 240 s. ISBN 978-0-3494-0321-2.
6. MATTHEWS, P., 2013. Informal Learning at Work. Three Faces Publ., 256 s. ISBN 1909552003.
7. RICHARDSON, L.D. and WOLFE, M, 2001. Principles and Practice of Informal Education. Learnign through life. London : RoutledgeFalmer, 2001. p. 304. ISBN 0-415-21689-3.
8. ZAKI DIB, C. 1988. Formal, non-formal and informal education: Concepts/applicability. New York : Cooperative Networks in Physics Education, s. 300 – 315. Dostupné na internete: <http://techne-dib.com.br/downloads/6.pdf> [online].

Language of instruction:

English

Notes:student time load:

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_TF_AJ	Course name: Finance Theories
Type, extent and method of instruction: Form of instruction: Lecture Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined	
Number of credits: 8	
Recommended semester/trimester: 1.	
Level: III.	
Prerequisites:	
Course completion conditions: a) mid-term assessment: discussion during the consultations: 20 points. b) final assessment: preparation of the seminar work and its presentation in a colloquium: 80 points.	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. is capable of using the acquired theoretical knowledge in the area of finance and its components, and policies in the context of dissertation thesis with its practical implication, 2. is able to apply the gained knowledge and methodology apparatus, scientific methodology and model solutions in individual assessment and solution of chosen problems in private and public finance on different levels of public governments, 3. is able to appropriately use the acquired knowledge in the field of various financial theories in working with domestic and foreign databases and use them in the preparation of an essay on a selected topic, 4. is able to critically assess, on the basis of theoretical knowledge, the suitability of the chosen instruments in influencing specific financial processes in practice, 5. is able to evaluate the state of theoretical knowledge in a specific area of finance in application to the specifics of real practice, 6. is able to create a detailed analytical study of selected financial issues with the identification of key problems and their theoretical as well as practical solutions. 	
Brief outline of the course: The course equips students with a body of knowledge of financial theories, necessary for anchoring the researched issues of the dissertation and as a necessary basis for arguing research questions in specific areas of finance, corresponding to modern theoretical approaches and current trends in knowledge. The following topics will be gradually covered in the course: Financial science. Finance in the global economy. Main theoretical concepts of finance and their basic components. The financial system, its importance and development in the current period. Financial market as a basic element of the financial system. Innovation in financial markets. Models of financial crises and their prediction. Concepts of regulation and efficiency of financial markets. Microeconomic aspects of financial theory, policy and practice. Theoretical approaches to corporate finance in the private and public sectors. Financial investments and main investment strategies. Macroeconomic	

and institutional aspects of financial theory, policy and practice. Regulation and coordination of financial policy at the macro level and the European integration process. Individually for each student - Detailed analysis of the dissertation problem from the point of view of the chosen theoretical concept.

Recommended literature:

1. ČAPLÁNOVÁ, A., ORVISKÁ, M., HUDSON, J. 2004. Eastern European Attitudes to Integration with Western Europe. In Journal of Common Market Studies. - 2004. ISSN:1468-5965, Vol. 42, Issue 2, June 2004, pp. 271-288.
2. CORNET et al. 2012. Finance: Application and theory. New York : McGraw-Hill Irwin , 2012. 702 s. ISBN 978-0-07-353067-3 , 978-0-07-131486-2.
3. MAYER, C. 2018. Finance and investment: the European case. Oxford : Oxford University Press, 2018. 432 pp. ISBN 978-0-19-881582-2.
4. ORVISKÁ, M. HUDSON, J. 2017. Quantitative Easing in the Eurozone. In Economic Imbalances and Institutional Changes to the Euro and the European Union ed. by R. Mirdala and R. R. Canale, 2017. International Finance Review, volume 18, pp.143-161. ISBN 978-1-78714-510-8.
5. PES, G. N., PORETTA, P. 2016. Microfinance, EU structural funds and capacity building for managing authorities. Basingstoke : Palgrave Macmillan , 2016. ISBN 978-1-137-55723-0.
6. Relevant statistical databases and papers in high-impact journals.

Language of instruction:

English

Notes:student time load:

240 hours, out of which:
 combined study (lectures, seminars, consultations) 26
 self-study 110
 preparation of the seminar work and its presentation 40
 preparation of the essay 64

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: doc. Ing. Ján Huňady, PhD., prof. Ing. Emília Zimková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_FE_AJ	Course name: Financial Economics
Type, extent and method of instruction: Form of instruction: Lecture Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined	
Number of credits: 8	
Recommended semester/trimester: 1.	
Level: III.	
Prerequisites:	
Course completion conditions: a) mid-term assessment: preparation of a case study devoted to a selected topic: 50 points. b) final assessment: presentation of the case study: 50 points.	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. is capable of choosing and applying adequate scientific methods of applied research in the sphere of financial firm performance, 2. has acquired argumentation skills sufficient to justify the role of finance and financial development in an economy useful for macroeconomic modelling of financial policy, 3. is able to utilize extensive multidisciplinary knowledge for implementing research, formulating solutions of microeconomic problems of financial firm operations and to generate new scientific knowledge, 4. is capable of critical assessments of decisions in financial policy and of prognosis of their effects with respect to economic growth and similarly for regulatory decisions focused upon competitiveness of the financial sector, banking institutions in particular, 5. is capable of using an adequate analytical apparatus in modelling of the banking market and of behaviour of individual agents. 	
Brief outline of the course: 1. Finance-growth nexus, convergence models and basic causal hypotheses expositing the interaction of finance and economic growth. 2. Theories of competitiveness of the banking sector and its structure (the SCP paradigm, the efficient-structure hypothesis). 3. Industrial organization approach to banking (a model of a perfect competitive banking sector, the Monti-Klein model of a monopolistic bank, a model of monopolistic competition). 4. Theories of financial firm production and impact of regulation upon financial firm performance (interpretation of performance in banking and utilization of data envelopment analysis in its measurement).	
Recommended literature: 1. AHN, H., LE, M. H. 2014. An insight into the specification of the input-output set for DEA-based bank efficiency measurement. Management Review Quarterly 65:3–37. 2. ANG, J.B. 2008. A survey of recent developments in the literature of finance and growth. Journal of Economic Surveys 22:537-576.	

3. BIKKER, J. A., SPIERDIJK, L. 2017. Handbook of competition in banking and Finance. Cheltenham (UK): Edward Elgar Publishing, 2017. 424 pp. ISBN 978-1-78536-329-0.
4. FREIXAS, X., ROCHET, J.-C. 2008. Microeconomics of banking. 2. vyd. Cambridge (MA): MIT Press, 2008. 384 pp. ISBN 978-0262062701.
5. HANCOCK, D. 1991. A theory of production for the financial firm. New York: Springer, 1991. 157 pp. ISBN 978-94-010-5722-6.
6. JAWAWI, F. 2015. Recent topics in applied financial economics. Applied Economics 47(34-35): 3613-3616.
7. NORTHCOTT, C. A. 2004. Competition in banking: a review of the literature. Bank of Canada Working Paper # 2004-04, June 2004. 35 pp.
8. LJUNGQVIST, L., SARGENT, T. J. 2018. Recursive macroeconomic theory. 4th ed. 1480 pp. ISBN 978-0262038669.
9. VARIAN, H. R. 2014. Intermediate microeconomics. 9th ed. New York: Norton, 2014. 798 pp. ISBN 978-0-393-95282-7.
10. ZIMKOVÁ, E. 2016. The retail production process in commercial banking and its evaluation. Prague : Wolters Kluwer, 2016. ISBN 978-80-7552-283-2.

Language of instruction:

English

Notes:student time load:

240 hours, out of which:
 combined study (lectures, seminars, consultations) 26
 self-study 134
 preparation of the case study and its presentation 80

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: prof. Ing. Emília Zimková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_FM_AJ	Course name: Financial Management
Type, extent and method of instruction: Form of instruction: Lecture Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined	
Number of credits: 8	
Recommended semester/trimester: 2.	
Level: III.	
Prerequisites:	
Course completion conditions: a) continuous assessment: elaboration of a seminar paper in which the student critically evaluates the chosen key theoretical concept in the field of financial management: 70 points. b) final assessment: defense of the seminar paper at a colloquium: 30 points.	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. is able to critically evaluate and apply key concepts of corporate finance, 2. is able to select those concepts that will enable the identification of scientific problems and the creation of a form of own research, 3. can apply essential financial and economic theories in their own empirical research, 4. is able to assess the degree of usability of information in evaluating the performance of the company, 5. assesses the possibilities of transforming financial and economic decisions into value approaches, 6. can create a balanced judgment on key issues in the advanced field of corporate finance. 	
Brief outline of the course: Selected concepts of financial economics applied to the corporate financial management and a critique of their application. Theoretical concepts of capital structure and empirical research. Investment decision making, key theoretical approaches to investment decision making (single-factor and multi-factor models of capital asset valuation). Business value and significant implications for evaluating business performance.	
Recommended literature: <ol style="list-style-type: none"> 1. ARDALAN, K. 2017. Capital structure theory: Reconsidered. Research in International Business and Finance. Vol 39, 2017. ISSN 0275-5319, pp. 696-710. 2. BROUNEN, D., DE JONG, A., KOEDIJK, K. 2004. In Financial Management. Vol. 33, 2004. ISSN 0046-3892, pp. 71-101. 3. DE MATOS, J.A. 2001. Theoretical Foundations of Corporate Finance, Princeton University Press. ISBN 978-06910-8794-8 4. GRAHAM, J.R., HARVEY, C.R. 2001. The theory and practice of corporate finance: evidence from the field. In Journal of Financial Economics. Vol. 61, 2001. ISSN 0304-405X, pp. 187-243. 	

5. TIROLE, J. 2006. The Theory of Corporate Finance. Princeton University Press, 2010. 656 s. ISBN 978-06911-2556-5

Language of instruction:

English

Notes:student time load:

240 hours, out of which:

combined study (lectures, seminars, consultations) 26

self-study 134

preparation of the case study and its presentation 80

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: prof. Ing. Peter Krištofík, Ph.D.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_MF_AJ	Course name: International Finance
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 2., 4.	
Level: III.	
Prerequisites:	
Course completion conditions: a) continuous assessment: written paper: 70 points. b) final assessment: colloquium to written papers: 30 points.	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. can apply theories and practical training concerning international finance on an advanced level, 2. is able to propose, justify and apply research methods which are suitable for the evaluation of specific issues in international finance, 3. is capable of applying suitable research methods to judge specific issues in international finance, 4. can judge procedures concerning analysis in international finance and demonstrate the ability to communicate key aspects and arguments within particular analyses, 5. is able to evaluate and name critical moments when assessing individual situations in international finance and find solutions which are supported by reasonable arguments, 6. is capable of making his own opinion on specific situations and proposed solutions. 	
Brief outline of the course: The course is focused on the key aspects of international finance on an advanced level, highlighting the interconnections of the theoretical and empirical-analytical aspects with the use of specific issues in the practice of particular economies and their relationships. Following up on the subject International Finance I, it provides studies of specific issues of domestic policies within the context of international relationships, and global economic imbalances, the formation of exchange rates, factors influencing the balance of payments, international debt and international capital flow. Managing of relevant analytical procedures is a part of the course.	
Recommended literature: <ol style="list-style-type: none"> 1. EUN, C., RESNICK, B. 2017. International Financial Management. 8th ed. New York: McGraw-Hill, 2017. 576 pp. ISBN 978-1259717789. 2. CASSIS, Y., WOJCIK, D. 2018. International Financial Centres after the Global Financial Crisis and Brexit. Oxford University Press, 2018, 272 pp. ISBN 978-0198817314. 3. MADURA, J. 2011. International Financial Management. Cengage Learning, 2011. 736 pp., ISBN 978-0538482967. 	

4. KRUGMAN, P. R., OBSTFELD, M., MELITZ, M. 2018. International Finance: Theory and Policy. 11th ed. Pearson, 2018. 468 pp. ISBN 978-1292238739.
 5. ROBIN, J. A. 2010. International Corporate Finance. New York: McGraw-Hill, 2010. 464 pp. ISBN 978-0073530666.

Language of instruction:

English

Notes:student time load:

180 hours, out of which:
 combined study (Lectures, seminars, consultations) 20
 self-study: 100
 preparation of the paper: 40
 preparation of the colloquium: 20

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: prof. Ing. Hussam Musa, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_ZM1_AJ	Course name: International Mobility 1
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 1., 3., 5.	
Level: III.	
Prerequisites:	
Course completion conditions: The course requires of the student to fully implement an individual mobility acknowledged by a certificate from the host institution, and then to elaborate a final mobility report – a total of 100 points	
Learning objectives: <ol style="list-style-type: none"> 1. Mobility in abroad allows doctoral students to travel abroad for study or training purposes; 2. increase publishing opportunities; 3. development of professional, social and intercultural skills; 4. greater chance of finding a job on the labor market, gaining a better idea of what career path to pursue, increasing competitiveness and employability; 5. improving language skills; 6. enhancing digital skills; 7. acquisition of transferable skills. 	
Brief outline of the course: Encouraging doctoral students to spend at least part of their studies at universities outside their country. The purpose of foreign mobility is to acquire a broader knowledge of professional terminology in a foreign language, to increase the probability of publishing in cooperation with foreign partners. The scope of continuous foreign mobility is at least 1 month. Foreign mobility can also be implemented in the form of e-mobility. The doctoral student contacts his / her supervisor electronically at least once every two weeks and briefly informs him about the course of the stay. International mobility may be carried out for studies, research, summer schools and internships. The study and research stay is carried out at a public educational and research institution of your choice. The internship host institution can be any public or private organization active in the labour market. Foreign mobility can be implemented within mobility programs (eg National Scholarship Program, Erasmus +, CEEPUS, Fulbright, DAAD, Austria-Slovakia Action, Visegrad Fund, Central European University, Slovak Academic Information Agency, government scholarships resulting from bilateral intergovernmental cooperation agreements , AIESEC). Doctoral students follow the criteria and conditions set for the scholarship program.	
Recommended literature:	

1. BRANDENBURG, U. 2014. The Erasmus Impact Study, 2014. [online]. Luxembourg: Publications Office of the European Union, 2014. 232 s. ISBN 978-92-79-38380-9. [cit. 2021-7-13]. Available on the internet: <<https://op.europa.eu/en/publication-detail/-/publication/13031399-9fd4-11e5-8781-01aa75ed71a1>>.
2. Education and preparation for profession. Documents of the European Commission, [online]. [cit. 2021-7-13]. Available on the internet: <<https://ec.europa.eu/education/resources-and-tools/document-library#>>.

Useful links:

<http://ec.europa.eu/education/study-in-europe>

<http://ec.europa.eu/ploteus>

<http://ec.europa.eu/ploteus>

<http://europa.eu/youth>

<https://webgate.ec.europa.eu/fpfis/mwikis/eurydice>

www.4icu.org

www.britishcouncil.sk

www.euraxess.sk

www.eures.sk

www.fulbright.sk

www.internships-4u.com

www.osf.sk

www.visegradfund.org

www.studyinaustralia.gov.au

www.studyincanada.com

Language of instruction:

English or the language of the host country

Notes:student time load:

180 hours, out of which:

Self-study 100

Project elaboration 70

Preparation of the final report 10

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_ZM2_AJ	Course name: International Mobility 2
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 2., 4., 6.	
Level: III.	
Prerequisites:	
Course completion conditions: The course requires of the student to fully implement an individual mobility acknowledged by a certificate from the host institution, and then to elaborate a final mobility report – a total of 100 points	
Learning objectives: <ol style="list-style-type: none"> 1. Mobility in abroad allows doctoral students to travel abroad for study or training purposes; 2. increase publishing opportunities; 3. development of professional, social and intercultural skills; 4. greater chance of finding a job on the labor market, gaining a better idea of what career path to pursue, increasing competitiveness and employability; 5. improving language skills; 6. enhancing digital skills; 7. acquisition of transferable skills. 	
Brief outline of the course: Encouraging doctoral students to spend at least part of their studies at universities outside their country. The purpose of foreign mobility is to acquire a broader knowledge of professional terminology in a foreign language, to increase the probability of publishing in cooperation with foreign partners. The scope of continuous foreign mobility is at least 1 month. Foreign mobility can also be implemented in the form of e-mobility. The doctoral student contacts his / her supervisor electronically at least once every two weeks and briefly informs him about the course of the stay. International mobility may be carried out for studies, research, summer schools and internships. The study and research stay is carried out at a public educational and research institution of your choice. The internship host institution can be any public or private organization active in the labour market. Foreign mobility can be implemented within mobility programs (eg National Scholarship Program, Erasmus +, CEEPUS, Fulbright, DAAD, Austria-Slovakia Action, Visegrad Fund, Central European University, Slovak Academic Information Agency, government scholarships resulting from bilateral intergovernmental cooperation agreements , AIESEC). Doctoral students follow the criteria and conditions set for the scholarship program.	
Recommended literature:	

1. BRANDENBURG, U. 2014. The Erasmus Impact Study, 2014. [online]. Luxembourg: Publications Office of the European Union, 2014. 232 s. ISBN 978-92-79-38380-9. [cit. 2021-7-13]. Available on the internet: <<https://op.europa.eu/en/publication-detail/-/publication/13031399-9fd4-11e5-8781-01aa75ed71a1>>.
2. Education and preparation for profession. Documents of the European Commission, [online]. [cit. 2021-7-13]. Available on the internet: <<https://ec.europa.eu/education/resources-and-tools/document-library#>>.

Useful links:

<http://ec.europa.eu/education/study-in-europe>

<http://ec.europa.eu/ploteus>

<http://ec.europa.eu/ploteus>

<http://europa.eu/youth>

<https://webgate.ec.europa.eu/fpfis/mwikis/eurydice>

www.4icu.org

www.britishcouncil.sk

www.euraxess.sk

www.eures.sk

www.fulbright.sk

www.internships-4u.com

www.osf.sk

www.visegradfund.org

www.studyinaustralia.gov.au

www.studyincanada.com

Language of instruction:

English or the language of the host country

Notes:student time load:

180 hours, out of which:

Self-study 100

Project elaboration 70

Preparation of the final report 10

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: 3_MaE_AJ	Course name: Macroeconomics
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 2., 4.	
Level: III.	
Prerequisites:	
Course completion conditions: a) continuous assessment: discussion during consultations: 0 - 20 points b) final assessment: presentation of own work in the colloquium: 0 - 80 points a) continuous assessment: discussion during consultations: 0 - 20 points b) final assessment: presentation of own work in the colloquium: 0 - 80 points	
Learning objectives: After completion of the course the student should be able to: <ol style="list-style-type: none"> 1. Use the gained knowledge in the analysis of internal and external economic environments 2. Work independently with domestic and foreign databases and use them in the elaboration of the paper on a chosen topic 3. Apply the case study method in the real state and development trends of economy 4. Assess the appropriateness of chosen tools of influencing the economic processes while stressing positive and negative shocks 5. Evaluate the status of chosen economies through the use of various theoretical approaches; 	
Brief outline of the course: Principles of economics in the context of macroeconomics. Selected issues of history of (macro)economic thought: application in economic practice (emphasis on the 20 and 21st century). Standard and non-standard economic theories/thought. Selected issues of methodology of (macro)economics. Determination of monetary exchange rate. Theory of purchasing power parity. Exchange rate and gross domestic product. Model IS – LM – BP extended analysis under conditions of perfect capital mobility and immobility in the system of flexible exchange rates. Extended analysis of AS – AD model under conditions of open economy. Labour market, models of employability and unemployability, NAIRU. Extended analysis of Philips curve. Inflation, relation between demand inflation and the change of real product, supply inflation, positive and negative shocks. Analysis of economic growth models. Actual problems of macroeconomics in EU Member States in the context of new paradigm of the European integration. Slovak Republic and its EU membership: selected macroeconomic issues.	

Recommended literature:

1. ABEL, A. B., BERNANKE, B., CROUSHORE, D. D., 2017. Macroeconomics, Ninth edition, global edition. ed, Always learning. Pearson, NY NY. ISBN: 978-1-292-15492-3.
 2. BALDWIN, R. – WYPLOSZ, Ch. Economics of European Integration. McGraw Hill, 2015, ISBN-13: 978-0077169657;
 3. GORDON, R. J., 2014. Macroeconomics, 12. ed., new internat. ed. ed. Pearson, Harlow, Essex. ISBN: 978-1-292-02207-9.
 4. HOLMAN, R. 2018. Makroekonomie: středně pokročilý kurz. 3. vydání. Praha: C.H.Beck. 480s. ISBN: 978-80-7400-541-1.
 5. HOLMAN, R. 2017. Dějiny ekonomického myšlení. 4. vydání. Praha. C.H.Beck. 541 s. ISBN 80-7179-631-X.
 6. LOUŽEK, M. Metodologie ekonomie. 2009. Karolinum, Univerzita Karlova, Praha. 604 s. ISBN 978-80-246-1309-3.
 7. JUREČKA, V. a kol. 2013. Makroekonomie. 2. vydání. Praha: Grada Publishing. 2013. 352 s. ISBN: 978-80-247-4386-8.
 8. CHAMI, R. – ESPINOZA, R. MONTIEL, P. Macroeconomic Policy in Fragile States, Oxford University Press, 2021. 688 p. ISBN-13: 978-0198853091.
 9. JONES, CH. Macroeconomics. 2021. WW Norton Company, 2020, 656 p.
 10. COPPOCK, L. – MATEER, D. Principles of Macroeconomics, WW Norton Company, 2020. 768 p. ISBN-13: 978-0393422375;
 11. BURDA, M. - WYPLOSZ, CH. 2009. Macroeconomics. A European Text. 5th ed. Oxford : Oxford University Press, 2009.
 12. MIRDALA, R. 2011. Menové kurzy v krajinách strednej Európy. 1. vyd. Košice : UK RU, 2011.
 13. MANKIW, N., G. 2007. Macroeconomics. 6th ed. New York : Worth Publisher Inc., 2007.
 14. LUKUI JIA, D. Dynamic Macroeconomic Models in Emerging Market Economies. Palgrave Macmillan, 2020, 310 p, ISBN-13: 978-9811545870
 15. MANKIW, N.G., 2018. Macroeconomics, 10th edition. ed. Worth Publishers, New York, NY. ISBN: 978-1-319-10599-0.
 16. NUGGENT, N. 2017. The Government and Politics of the European Union. London, Macmillan, 8th edition 2017.
 17. SOUKUP, J., POŠTA, V., NESET, P., PAVELKA, T., 2018. Makroekonomie. 3. aktualizované a doplněné vydání. ISBN: 978-80-7261-537-7.
 18. POVAŽANOVÁ, M., HRONEC, M., URAMOVÁ, M., KOLLÁR, J. 2018. Makroekonómia 2. Belianum ISBN: 978-80-557-1419-6.
 19. TÖMMEL, I. – VERDUN, A. Political Leadership in the European Union. Routledge, Taylor and Francis, 2018.
 20. LAWSON, C. – URAMOVÁ, M. – TUSCHLOVÁ, M. 2009. Macroeconomics. B. Bystrica : EF UMB, 2009;
- Ostatné zdroje do diskusie:
- Hudson, J., Orviska, M., Hunady, J. 2019. People's attitudes to autonomous vehicles. In Transportation Research Part A: Policy and Practice. - Oxford : Elsevier Science Ltd., 2019. - ISSN 0965-8564. - Vol. 121, (2019), pp. 164-176.
- Hudson, J., Orviska, M., Hunady, J. 2017. People's attitudes to robots in caring for the elderly. In International journal of social robotics. - Dordrecht: Springer, 2017. - ISSN 1875-4791. - Vol. 9, no. 2 (2017), pp. 199-210.
- Orviská, M. et al. 2019. From academic publications and patents to the technological development of the economy: short and long run causalities.

In Quality Innovation Prosperity = Kvalita Inovácia Prosperita. - Košice: Technická univerzita v Košiciach, 2019. - ISSN 1335-1745. - Vol. 23, no. 1 (2019), pp. 74-101.

Uramová, M. – Šuplata, M. Lacová, Ž. The Financial and Monetary Integration in the European Union at the Beginning of the Third Decade Of 21st Century: the Past and Post-Lisbon Focus. Harmattan, France, 2020;

Cini, M. – Šuplata, M. Policy leadership in the European Commission: the regulation of EU mobile roaming charges. In Journal of European Integration. - Oxford : Routledge Taylor & Francis, 2017. - ISSN 0703-6337. - Vol. 39, no. 2 (2017), pp. 143-156.

Horeháj, J. – Šuplata, M. – Lacová, Ž. The enlargements and common borders of the European Union: experiences and challenges ahead. In Management & Gouvernance : enterprises-territoires-sociétés. - Grenoble Cedex, 2017. - ISSN 2104-2438. - online, no. 18 (2017), pp. 41-49.

Lacová, Ž. – Šuplata, M.: Perspectives of financial integration : V4 countries approach; In Miscellanea Oeconomicae, 2019. - ISSN 2081-2345. - Roč. 23, č. 1 (2019), s. 79-91.

Horeháj, J. - Šuplata, M.: Selected problems of the contemporary European economic integration development. In Proceedings of the 4th International conference on European integration 2018 (ICEI 2018): Technical University of Ostrava, 2018. - ISBN 978-80-248-4169-4. - ISSN 2571-029X. - online, pp. 466-474.

Language of instruction:

English

Notes:student time load:

180 hours

combined study (lecture, seminar, consultation): 20

self study: 80

seminar work: 60

data collection: 20

Course assessment

The final number of assessed students: 1

A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: doc. Ing. Martin Hronec, PhD.

Last changed: 24.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: 3_MiE_AJ	Course name: Microeconomics
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 1., 3.	
Level: III.	
Prerequisites:	
Course completion conditions: The overall evaluation consists of an continuous and a final evaluation. The student can achieve a maximum of 100 points. At least 94 points are required to obtain an A rating, at least 87 points to obtain a B rating, at least 80 points for a C rating, at least 73 points for a D rating and at least 65 points for an E rating. a) continuous assessment: The student can achieve a maximum of 20 points for active participation in discussions during consultations. b) final assessment: The student can get another maximum of 80 points for the seminar work and its presentation at the final colloquium.	
Learning objectives: Student who successfully completes the course of Microeconomics 3: <ol style="list-style-type: none"> 1. is able to use the knowledge gained from both mainstream theories and other alternative theories (e. g. theory of firms, behavioural theories) in the analysis of consumer behaviour and in the search for the optimal way of production; 2. is able to assess the impact of various factors on consumer and producer decision-making; 3. applies modern tools of microeconomic analysis to assess the competitive environment; 4. is able to assess the suitability of selected instruments by the state in influencing the behaviour of economic entities (also with application to the conditions of the Slovak Republic); 5. identifies problems of efficiency and fair distribution in individual markets. 	
Brief outline of the course: Theories of consumer behaviour (Hicks and Slutsky model). Rationality and irrationality of consumer behaviour - standard and alternative approach (behavioural theory). The problem of finding the optimum in production (allocation rules, Edgeworth box). Theory of firms. Strategic behavior of a company under imperfect competition. New approaches to the functions of firms with emphasis on the social function of the enterprise. Externalities, public goods and property rights. State microeconomic policy.	
Recommended literature: 1. KRUGMAN, P., WELLS, R., 2018. Economics. European Edition. Palgrave Macmillan Learning.	

2. MANKIW, N. G. 2017. Principles of Economics. Cengage learning, 8th Ed.
3. MISES, L. 2010. Human Action. A Treatise on Economics. Yale University Press
4. SAMUELSON, P. A., NORDHAUS, W. D. 2010. Economics McGraw Hill, 19th Ed.
5. THALER, R.H. 2015. Misbehaving. The Making of Behavioral Economics. New York: W.W. Norton and Company.
6. EMERSON, P.M. 2019. Intermediate Microeconomics, Oregon State University, available on: <https://open.umn.edu/opentextbooks/textbooks/956>
7. HOREHAJ, J., SUPLATA, M. 2015. A Concise History of Economic Theories, Banská Bystrica: EF UMB.

Language of instruction:

English

Notes:student time load:

180 hours, out of which
 Combined study (Lectures, Seminars, Consultations): 24 hours
 Self-study: 66 hours
 Final written course work: 80 hours
 Data collection: 10 hours

Course assessment

The final number of assessed students: 1

A	B	C	D	E	FX(0)	FX(1)
0.0	100.0	0.0	0.0	0.0	0.0	0.0

Instructor: doc. Ing. Jana Marasová, PhD., doc. Ing. Mária Horeháková, PhD.

Last changed: 24.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_ME_AJ	Course name: Monetary Economics
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 1., 3.	
Level: III.	
Prerequisites:	
Course completion conditions: a) mid-term assessment: preparation of a case study devoted to a selected topic: 50 points. b) final assessment: presentation of the case study: 50 points.	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. is capable of assessing alternative theoretical concepts in the area of monetary economics, 2. is capable of explaining the impact of monetary policy of the central bank upon real economy, 3. is able to commit the acquired knowledge, skills and competences to addressing problems and issues of non-conventional monetary policy, 4. is knowledgeable about mutual links between macroeconomic policies, 5. is capable of proposing, evaluating and implementing various strategical approaches of central banks in solving specific problems, 6. is prepared to assess diverse monetary policy instruments utilized by the central banks and to make this assessment on the basis of their effectivity. 	
Brief outline of the course: 1. Money demand and central banking: goals, tools of the central bank, guides for monetary policy, conflicts, independence and time consistence of policies. 2. Money in macroeconomics: the classical paradigm in macroeconomics, neoclassical and classical models, Keynesian and neo-Keynesian approaches to short-run macroeconomics, expectations in macroeconomics and monetary policy, macro models, rules for policy and perspectives in regard to money neutrality. 3. Money and financial institutions in growth theory: neoclassical growth theories without money, monetary growth theory.	
Recommended literature: 1. BRAINARD, W. 1967. Uncertainty and the effectiveness of policy. The American Economic Review 57(2). 2. CORSETTI, G., DEDOLA, L., LEDUC, S. 2010. Optimal Monetary Policy in Open Economies. Working Paper 2010-13. Federal Reserve Bank of San Francisco. 3. FRIEDMAN, B., WOODFORD. 2010. Monetary Economics. North Holland, 2010. 177 pp. ISBN 978-0-444-53238-1. 4. HANDA, J. 2000. Monetary economics. New York : Routledge. 766 pp. ISBN 0-45-19926-3.	

5. 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
6. MAYES, D. G., SIKLOS, P. L., STURM, J.-E. 2019. The Oxford Handbook of the Economics of Central Banking. New York: Oxford University Press, 2019. 808 pp. ISBN 978-0-190626198.
7. WALSH, C. E. 2017. Monetary theory and policy. 4th ed. Cambridge (MA): MIT Press, 2017. 688 pp. ISBN 978-0262035811.

Language of instruction:

English

Notes:student time load:

180 hodín z toho:

kombinované štúdium (P, S, K): 20

samoštúdium: 100

príprava prípadovej štúdie a jej prezentácia: 60

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: prof. Ing. Emília Zimková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: 3_ODVSR_AJ	Course name: Open data in strategic development
Type, extent and method of instruction: Form of instruction: Lecture Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 2., 4.	
Level: III.	
Prerequisites:	
Course completion conditions: a) continuous assessment: semestral project: 0-50 points b) final evaluation: project presentation and its defense within the colloquium: 0-50 points 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.	
Learning objectives: Student: <ol style="list-style-type: none"> 1. is able to obtain data, work with data (primary, secondary, open), visualize data and interpret data in creating strategic documents, professional and scientific articles and policy papers, 2. is able to search for open data and critically assess them on the basis of acquired knowledge, 3. can apply key knowledge by identifying the suitability of data, present and apply relevant data, assess their significance and, based on their qualified assessment, use them in creating strategic documents, professional and scientific articles and policy papers, 4. is able to formulate a vision, goals, tools, measures for the implementation and audit/control of strategic documents on the basis of data assessment in terms of the current state and needs of the future, 5. can use open data in creating and processing of professional and scientific publications, 6. can create starting points for decision-making and management processes at the top level in firms and in private, public and non-profit sector, 7. is able to communicate and present information, own attitudes, problems and proposed solutions. 	
Brief outline of the course: Open data (OD) – their meaning and content. Importance of OD (bureaucracy elimination, transparency, planning, management). OD as a part of smart governance and open governance. OD management. OD as a strategic management tool. Data collection. Data processing. Data visualization. Data evaluation. Use of open data in strategic development. OD in public policies. New principles of data management, publishing and evaluation (applications, tools, portals, data catalogues, datasets, filtering, map portals, data publishing formats, etc.). Creation of a project from open data in relation to the topic of dissertation thesis and development of presentation skills necessary for its defense.	

Recommended literature:

1. Smernice 2019/1024 (ODD - OpenDataDirective)
2. BOLÍVAR, M. P. R., MUÑOZ, L. A. 2019. E-Participation in Smart Cities: Technologies and Models of Governance for Citizen Engagement, Springer, Cham, Switzerland. ISBN 978-3319-8947-37.
3. KITCHIN, R. 2014. The Data Revolution: Big Data, Open Data, Data Infrastructures and Their Consequences. SAGE. Los Angeles.
4. MEIJER, A. J., LIPS, M., CHEN, K. 2019. Open Governance: A New Paradigm for Understanding Urban Governance in an Information Age. In: Frontiers in Sustainable Cities.
5. LOPES, N. V. M. 2020. Smart governance for Cities: Perspectives and Experiences. Springer, Cham, Switzerland. ISBN 978-3030-2206-93.

Language of instruction:

English

Notes: student time load:**Course assessment**

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: doc. Ing. Kamila Borseková, PhD., prof. Ing. Anna Vaňová, PhD.

Last changed: 30.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_PrVCz_AJ	Course name: Paper in a reviewed scientific journal (abroad)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 15	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: A paper in a reviewed scientific journal abroad published in the authorship or co-authorship of a doctoral candidate registered in the University Library of the MBU.	
Learning objectives: Doctoral candidate by publishing a paper in a reviewed scientific journal abroad: <ol style="list-style-type: none"> 1. demonstrates its ability to provide important knowledge or theoretical background on the basis of its own previous research, applicable in an international context, 2. demonstrates the skills acquired in the preparation of the scientific paper in English, 3. achieves the competence to communicate with the academic community and disseminate research results abroad, 4. proves that he/she has become a member of the international scientific community 	
Brief outline of the course: Scientific paper and its structure. Sources of information for scientific work. Bibliographical references. Cooperative writing. Scientific and publishing ethics. Selection of a reviewed scientific journal. Indexed journals. Predatory journals. Review procedure. Open publishing. Evidence of publishing activities. Scientometry.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. Available at: https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. HAMERMESH, D. S. 2018. Citations in economics: Measurement, uses, and impacts. Journal of Economic Literature, 56(1), 115-56. Available at: https://www.aeaweb.org/articles?id=10.1257/jel.20161326. 3. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2. vyd. London: Sage. 264 s. 2015. ISBN 9781446207499. 4. LI, C., YANG, L. 2022. How scientific concept develops: Linguaging in collaborative writing tasks. In System, 105, 102744. https://doi.org/10.1016/j.system.2022.102744. 5. MACK, C. A. 2018. How to write a good scientific paper. Bellingham: Society of Photo-Optical Instrumentation Engineers (SPIE). ISBN 978-1510-619-135. 	

6. TAHAMTAN, I., SAFIPOUR AFSHAR, A. & AHAMDZADEH, K. 2016. Factors affecting number of citations: a comprehensive review of the literature. *Scientometrics* 107, 1195–1225 (2016). <https://doi.org/10.1007/s11192-016-1889-2>. Available at: <https://link.springer.com/article/10.1007/s11192-016-1889-2>.

7. TORRES-VALLADARES, D., BALLINAS-GARCÍA, E., VILLARREAL-REYES, J., MORALES-ÁLVAREZ, V., ORTIZ-DEL-ÁNGE, C. 2022. Research papers 101: The do's and don'ts of scientific writing. In *Materials Today: Proceedings*, 48 (1), 107-114. <https://doi.org/10.1016/j.matpr.2020.12.708>.

Language of instruction:

English

Notes: student time load:

180 hours, out of which:
combined study (lectures, seminars, consultations) 0
preparation of the paper 160
management of the review process 20

Course assessment

The final number of assessed students: 0

abs	n
0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_PrVCd_AJ	Course name: Paper in a reviewed scientific journal (at home)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 10	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: A paper in a reviewed scientific journal (at home) published in the authorship or co-authorship of a doctoral candidate registered in the University Library of the MBU.	
Learning objectives: Doctoral candidate by publishing a paper in a reviewed scientific journal (at home): 1. demonstrates its ability to provide important knowledge or theoretical background on the basis of its own previous research, 2. demonstrates the skills acquired in the preparation of the scientific paper, 3. achieves the competence to communicate with the academic community and disseminate research results, 4. proves that he/she has become a member of the local scientific community	
Brief outline of the course: Scientific paper and its structure. Sources of information for scientific work. Bibliographical references. Cooperative writing. Scientific and publishing ethics. Selection of a reviewed scientific journal. Indexed journals. Predatory journals. Review procedure. Open publishing. Evidence of publishing activities. Scientometry.	
Recommended literature: 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. Available at: https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. HAMERMESH, D. S. 2018. Citations in economics: Measurement, uses, and impacts. Journal of Economic Literature, 56(1), 115-56. Available at: https://www.aeaweb.org/articles?id=10.1257/jel.20161326 . 3. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2. vyd. London: Sage. 264 s. 2015. ISBN 9781446207499. 4. LI, C., YANG, L. 2022. How scientific concept develops: Linguaging in collaborative writing tasks. In System, 105, 102744. https://doi.org/10.1016/j.system.2022.102744 . 5. MACK, C. A. 2018. How to write a good scientific paper. Bellingham: Society of Photo-Optical Instrumentation Engineers (SPIE). ISBN 978-1510-619-135.	

6. TAHAMTAN, I., SAFIPOUR AFSHAR, A. & AHAMDZADEH, K. 2016. Factors affecting number of citations: a comprehensive review of the literature. *Scientometrics* 107, 1195–1225 (2016). <https://doi.org/10.1007/s11192-016-1889-2>. Available at: <https://link.springer.com/article/10.1007/s11192-016-1889-2>.

7. TORRES-VALLADARES, D., BALLINAS-GARCÍA, E., VILLARREAL-REYES, J., MORALES-ÁLVAREZ, V., ORTIZ-DEL-ÁNGE, C. 2022. Research papers 101: The do's and don'ts of scientific writing. In *Materials Today: Proceedings*, 48 (1), 107-114. <https://doi.org/10.1016/j.matpr.2020.12.708>.

Language of instruction:

English

Notes: student time load:

180 hours, out of which:
combined study (lectures, seminars, consultations) 0
preparation of the paper 160
management of the review process 20

Course assessment

The final number of assessed students: 0

abs	n
0.0	0.0

Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_PrVZz_AJ	Course name: Paper in reviewed scientific proceedings (abroad)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 10	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: A paper in a reviewed scientific proceedings abroad published in the authorship or co-authorship of a doctoral candidate registered in the University Library of the MBU.	
Learning objectives: Doctoral candidate by publishing a paper in a reviewed scientific proceedings abroad: <ol style="list-style-type: none"> 1. demonstrates its ability to provide important knowledge or theoretical background on the basis of its own previous research, applicable in international context, 2. demonstrates the skills acquired in the preparation of the scientific paper in English, 3. achieves the competence to communicate with the academic community and disseminate research results abroad, 4. proves that he/she has become a member of the international scientific community. 	
Brief outline of the course: The structure of a paper in the reviewed scientific proceedings. Abstract creation. Preparation of a paper in a reviewed scientific proceedings. Sources of information for scientific work. Bibliographical references. Cooperative writing. Scientific and publishing ethics. Indexed scientific proceedings. Review procedure. Evidence of publishing activities.	
Recommended literature: <ol style="list-style-type: none"> 1. DE CASTRO, P. 2009. Librarians of Babel: a toolkit for effective communication. Oxford: Chandos Information Professional Series. ISBN: 978-1843-343790. 2. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2. vyd. London: Sage. 264 pp. 2015. ISBN 9781446207499. 3. LI, C., YANG, L. 2022. How scientific concept develops: Linguaging in collaborative writing tasks. In System, 105, 102744. https://doi.org/10.1016/j.system.2022.102744. 4. MACK, C. A. 2018. How to write a good scientific paper. Bellingham: Society of Photo-Optical Instrumentation Engineers (SPIE). ISBN 978-1510-619-135. 5. TAHAMTAN, I., SAFIPOUR AFSHAR, A. & AHAMDZADEH, K. 2016. Factors affecting number of citations: a comprehensive review of the literature. Scientometrics 107, 1195–1225 (2016). https://doi.org/10.1007/s11192-016-1889-2 Available at: https://link.springer.com/article/10.1007/s11192-016-1889-2. 	

6. TORRES-VALLADARES, D., BALLINAS-GARCÍA, E., VILLARREAL-REYES, J., MORALES-ÁLVAREZ, V., ORTIZ-DEL-ÁNGE, C. 2022. Research papers 101: The do's and don'ts of scientific writing. In Materials Today: Proceedings, 48 (1), 107-114. https://doi.org/10.1016/j.matpr.2020.12.708 .	
Language of instruction: English	
Notes: student time load: 180 hours, out of which: combined study (lectures, seminars, consultations) 0 preparation of the paper 160 management of the review process 20	
Course assessment The final number of assessed students: 0	
abs	n
0.0	0.0
Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, PhD., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.	
Last changed: 29.01.2024	
Approved by: prof. Ing. Emília Zimková, PhD.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_PrVZd_AJ	Course name: Paper in reviewed scientific proceedings (at home)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 8	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: A paper in a reviewed scientific proceedings at home published in the authorship or co-authorship of a doctoral candidate registered in the University Library of the MBU.	
Learning objectives: Doctoral candidate by publishing a paper in a reviewed scientific proceedings at home: <ol style="list-style-type: none"> 1. demonstrates its ability to provide important knowledge or theoretical background on the basis of its own previous research, 2. demonstrates the skills acquired in the preparation of the scientific paper, 3. achieves the competence to communicate with the academic community and disseminate research results, 4. proves that he/she has become a member of the local scientific community. 	
Brief outline of the course: The structure of the paper in a reviewed scientific proceedings. Abstract creation. Preparation of a paper in a reviewed scientific proceedings. Sources of information for scientific work. Bibliographical references. Cooperative writing. Scientific and publishing ethics. Indexed scientific proceedings. Review procedure. Evidence of publishing activities.	
Recommended literature: <ol style="list-style-type: none"> 1. DE CASTRO, P. 2009. Librarians of Babel: a toolkit for effective communication. Oxford: Chandos Information Professional Series. ISBN: 978-1843-343790. 2. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2. vyd. London: Sage. 264 pp. 2015. ISBN 9781446207499. 3. LI, C., YANG, L. 2022. How scientific concept develops: Linguaging in collaborative writing tasks. In System, 105, 102744. https://doi.org/10.1016/j.system.2022.102744. 4. MACK, C. A. 2018. How to write a good scientific paper. Bellingham: Society of Photo-Optical Instrumentation Engineers (SPIE). ISBN 978-1510-619-135. 5. TAHAMTAN, I., SAFIPOUR AFSHAR, A. & AHAMDZADEH, K. 2016. Factors affecting number of citations: a comprehensive review of the literature. Scientometrics 107, 1195–1225 (2016). https://doi.org/10.1007/s11192-016-1889-2 Available at: https://link.springer.com/article/10.1007/s11192-016-1889-2. 	

6. TORRES-VALLADARES, D., BALLINAS-GARCÍA, E., VILLARREAL-REYES, J., MORALES-ÁLVAREZ, V., ORTIZ-DEL-ÁNGE, C. 2022. Research papers 101: The do's and don'ts of scientific writing. In Materials Today: Proceedings, 48 (1), 107-114. https://doi.org/10.1016/j.matpr.2020.12.708 .	
Language of instruction: English	
Notes: student time load: 180 hours, out of which: combined study (lectures, seminars, consultations) 0 preparation of the paper 160 management of the review process 20	
Course assessment The final number of assessed students: 0	
abs	n
0.0	0.0
Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, PhD., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.	
Last changed: 29.01.2024	
Approved by: prof. Ing. Emília Zimková, PhD.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_PSMK_AJ	Course name: Paper of top international quality (JCR, SJR)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 30	
Recommended semester/trimester: 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: A paper published, or at least accepted for publication, in an international journal registered in the databases Web of Science or Scopus. The journal must have a non-zero impact factor and must be ranked in either Journal Citation Rank (JCR) or Scimago Journal Rank (SJR).	
Learning objectives: Having published a paper in a journal of top international quality, the student <ol style="list-style-type: none"> 1. has proven his eligibility to publish research results at an international level, 2. has demonstrated acquired skills to prepare a scientific paper, 3. has attained competence to communicate with the academic community and disseminate research results in an effective manner, 4. has proven that he has become a member of the scientific community. 	
Brief outline of the course: Structure of a journal paper. Introduction to the issue. Current state of the researched issues. Objective, material and methods of research. Results and their discussion. Conclusion. List of bibliographic references. Appendices.	
Recommended literature: <ol style="list-style-type: none"> 1. ASH, E., SCHOLEFIELD, L. 2019. What's the best journal for my paper? Elsevier Connect Resources. Available on the internet: https://www.elsevier.com/connect/whats-the-best-journal-for-my-paper-new-tool-can-help 2. BORJA, A. 2021. 11 steps to structuring a science paper editors will take seriously. Elsevier Connect Resources. Available on the internet: https://www.elsevier.com/connect/11-steps-to-structuring-a-science-paper-editors-will-take-seriously. 3. SUITER, A. M., SARLI, C. C. 2019. Selecting a journal for publication: Criteria to consider. Missouri Medicine, 116(6), 461–465. 	
Language of instruction: English	
Notes: student time load: 900 hours, out of which: combined study (lecture, seminar, consultation) 0	

preparation of the paper 850 management of the review process and proofing 50	
Course assessment The final number of assessed students: 0	
abs	n
0.0	0.0
Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.	
Last changed: 29.01.2024	
Approved by: prof. Ing. Emília Zimková, PhD.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_VVOPz_AJ	Course name: Presentation at a scientific or professional event (abroad)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 5	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: Active attendance at scientific, reps. professional event abroad.	
Learning objectives: Doctoral candidate by attendance at scientific, reps. professional event at home: 1. demonstrates its ability to actively present research results in scientific, resp. professional event abroad, optimally in foreign language, 2. demonstrates the presentation skills acquired during the preparation of active performance/ attendance at scientific, resp. professional event abroad, 3. achieves the competence to communicate and discuss with the academic community abroad, 4. proves that he/she has become a member of the scientific community abroad.	
Brief outline of the course: Scientific events, types and forms of scientific events. Professional events, types, and forms of professional events. Preparation of active performance at the scientific, resp. professional event. Types and forms of active performance (e.g., presentation of a paper, poster, moderated discussion, pecha kucha, elevator pitch, etc.). Communication and presentation skills. Advantages and opportunities of active performance at the scientific, respectively, professional event abroad.	
Recommended literature: 1. BOURNE P.E. (2007). Ten Simple Rules for Making Good Oral Presentations. PLoS Comput Biol 3(4): e77. Available at: https://doi.org/10.1371/journal.pcbi.0030077 2. HORIUCHI, S., NASSER, J. S., & CHUNG, K. C. (2022). The Art of a Scientific Presentation: Tips from Steve Jobs. Plastic and Reconstructive Surgery, 149(3), 533-540. Available at: https://journals.lww.com/plasreconsurg/Fulltext/2022/03000/The_Art_of_a_Scientific_Presentation_Tips_from.1.aspx 3. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2nd vol. London: Sage. 264 s. 2015. ISBN 9781446207499 4. LAMAR, M. R., & SHEPERIS, D. (2021). Virtual Research Conference Presentations: A Research Course Assignment Students Love. Journal of Technology in Counselor Education and Supervision, 1(1), 5. Available at: https://digital.sandiego.edu/tces/vol1/iss1/5 5. MACDONALD, K. C. (2021). Transforming Your Conference Presentation into a Journal Article. Partnership: Canadian journal of library and information practice and research/	

Partnership: revue canadienne de la pratique et de la recherche en bibliothéconomie et sciences de l'information, 16(2), 1-11. Available at: https://www.erudit.org/en/journals/partnership/2021-v16-n2-partnership 06774/1086450ar/	
Language of instruction: English	
Notes:student time load: Not applicable	
Course assessment The final number of assessed students: 0	
abs	n
0.0	0.0
Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.	
Last changed: 29.01.2024	
Approved by: prof. Ing. Emília Zimková, PhD.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_VVOPd_AJ	Course name: Presentation at a scientific or professional event (at home)
Type, extent and method of instruction: Form of instruction: Course type: (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined	
Number of credits: 3	
Recommended semester/trimester: 1., 2., 3., 4., 5., 6., 7., 8..	
Level: III.	
Prerequisites:	
Course completion conditions: Active attendance at scientific, reps. professional event at home.	
Learning objectives: Doctoral candidate by attendance at scientific, reps. professional event at home: 1. demonstrates its ability to actively present research results in scientific, resp. professional event at home, 2. demonstrates the presentation skills acquired during the preparation of active performance/ attendance at scientific, resp. professional event at home, 3. achieves the competence to communicate and discuss with the academic community at home, 4. proves that he/she has become a member of the scientific community at home.	
Brief outline of the course: Scientific events, types and forms of scientific events. Professional events, types, and forms of professional events. Preparation of active performance at the scientific, resp. professional event. Types and forms of active performance (e.g., presentation of a paper, poster, moderated discussion, pecha kucha, elevator pitch, etc.). Communication and presentation skills. Advantages and opportunities of active performance at the scientific, respectively, professional event at home.	
Recommended literature: 1. BOURNE P.E. (2007). Ten Simple Rules for Making Good Oral Presentations. PLoS Comput Biol 3(4): e77. Available at: https://doi.org/10.1371/journal.pcbi.0030077 2. HORIUCHI, S., NASSER, J. S., & CHUNG, K. C. (2022). The Art of a Scientific Presentation: Tips from Steve Jobs. Plastic and Reconstructive Surgery, 149(3), 533-540. Available at: https://journals.lww.com/plasreconsurg/Fulltext/2022/03000/The_Art_of_a_Scientific_Presentation_Tips_from.1.aspx 3. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2nd vol. London: Sage. 264 s. 2015. ISBN 9781446207499 4. LAMAR, M. R., & SHEPERIS, D. (2021). Virtual Research Conference Presentations: A Research Course Assignment Students Love. Journal of Technology in Counselor Education and Supervision, 1(1), 5. Available at: https://digital.sandiego.edu/tces/vol1/iss1/5 5. MACDONALD, K. C. (2021). Transforming Your Conference Presentation into a Journal Article. Partnership: Canadian journal of library and information practice and research/	

Partnership: revue canadienne de la pratique et de la recherche en bibliothéconomie et sciences de l'information, 16(2), 1-11. Available at: https://www.erudit.org/en/journals/partnership/2021-v16-n2-partnership 06774/1086450ar/	
Language of instruction: English	
Notes:student time load: Not applicable	
Course assessment The final number of assessed students: 0	
abs	n
0.0	0.0
Instructor: doc. PhDr. Ing. Martin Boďa, PhD., doc. Ing. Vladimír Hiadlovský, PhD., doc. Ing. Ján Huňady, PhD., prof. Ing. Peter Krištofík, Ph.D., prof. Ing. Hussam Musa, PhD., prof. Ing. Zdenka Musová, PhD., prof. Ing. Juraj Nemec, CSc., prof. Ing. Peter Pisár, PhD., prof. Ing. Emília Zimková, PhD., doc. RNDr. Jana Špírková, PhD.	
Last changed: 29.01.2024	
Approved by: prof. Ing. Emília Zimková, PhD.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_VF_AJ	Course name: Public Finance
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 1., 3.	
Level: III.	
Prerequisites:	
Course completion conditions: a) continuous assessment: discussion during the consultations: 20 points. b) final assessment: seminar work and its presentation in a colloquium: 80 points.	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. is capable of using the acquired knowledge in the area of public finance in scientific formulation of hypotheses of research and in analysis of a specific problem of his own dissertation thesis, 2. is able to work with domestic and foreign literature and databases and to apply adequately theories of public finance in practice, tax theory non excluding, 3. is able to apply the scientific methodology of public finance in assessing the significance and role of the state for a particular problem and, upon this application, to evaluate a specific practical problem and adequacy of using different tools from the perspective of the state, 4. is capable of creating a detailed analytical study in a selected area. 	
Brief outline of the course: The role of the state in the present economy – overview of individual normative approaches, their benefits and weaknesses and mutual links. “Standard” market model of an economy versus other approaches – practical aspects based on the history of world economies. Modelling of micro- and macroeconomic fundamentals of neoclassical public finance at different levels of government. Theory of fiscal federalism, fiscal decentralization and financing investment in Slovakia and the European Union. Tax theory and taxation at the level of central and local governments. Finance of public service organizations. Individually for every student – a detailed analysis of a problem related to the topic of the dissertation thesis with respect to a chosen normative approach to public theories.	
Recommended literature: <ol style="list-style-type: none"> 1. CULLIS, J., JONES, P. 2009. Public Finance and Public Choice. Oxford University Press, 3rd ed. 2009. 560 pp. ISBN 978-0-19-923478-3. 2. HILLMAN, A. 2009. Public Finance and Public Policy: Responsibilities and Limitations of Government. 2nd ed. Cambridge: Cambridge University Press. doi:10.1017/CBO9780511813788 3. McGEE, R. W. 2009. Taxation and Public Finance in Transition and Developing Economies. Boston: Springer. doi: 10.1007/978-0-387-25712-9 	

4. ORVISKÁ, M., HUDSON, J. 2003. Tax evasion, civic duty and the law abiding citizen. 2003. In European Journal of political Economy. 2003. - ISSN 0176-2680. - Vol. 19, No. 1(March 2003), pp. 83-102.
Relevant research studies and papers in high-impact journals.

Language of instruction:

English

Notes:student time load:

180 hours, out of which:
combined study (lectures, seminars, consultations) 20
self-study 100
preparation of the essay 60

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: prof. Ing. Peter Pisár, PhD., doc. Ing. Ján Huňady, PhD.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_KF_AJ	Course name: Quantitative Finance
Type, extent and method of instruction: Form of instruction: Lecture Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 2., 4.	
Level: III.	
Prerequisites:	
Course completion conditions: The assessment of a student for a first attempt consists of a mid-term and final assessment. Under mid-term assessment, the student is assigned two scientific papers or chapters in an edited monograph, and the student during a discourse of their content will present their basic ideas, applied modelling approaches, results and arguments, for which he may earn 40 points at most. Under final assessment, he will elaborate an analytical project on the assigned topic, for which he may earn 60 points at most. In order to pass the course successfully at a first attempt, it is necessary to score at least 65 points altogether. The assessment of a student for a resit consists of an elaboration of a more complex analytical project for which he may earn 100 points at most. During a resit, neither mid-term nor final assessment is taken into account. In order to pass the course for a resit attempt, it is necessary to score at least 65 points altogether.	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. is capable of basic trends of theoretical and applied research in the field of quantitative finance oriented upon financial markets, 2. has acquired argumentative skills to justify the importance of quantitative methods in finance, 3. is capable of analyzing and research scientifically phenomena in financial markets and conditions of their occurrence, 4. is capable of critical assessments of decisions of investor in financial markets, 5. is capable of using an adequate analytical apparatus in modelling financial markets and behaviour of individual agents, 6. has acquired a capability to understand the structure of complicated models upon which contemporary quantitative finance hinges. 	
Brief outline of the course: The course equips students with a basal overview of advanced modelling approaches in quantitative finance. Applicational aspects of the course are implemented in program R. The exposition will go over the following outline of topics: 1. Modelling returns of financial assets (predictability, event studies). 2. Modelling financial markets (market microstructure, asynchronous trading, transaction data). 3. Financial asset pricing in addition to the basic model (Black CAPM, multi-factor model, intertemporal equilibrium models). 4. Models of the term structure of interest rates. 5. Non-linearity in financial time series. 6. New trends in applied financial economics and quantitative finance.	

7. Volatility (implied, local, trading) and stochastic volatility models. 8. Portfolio mapping (risk factors and their sensitivities, cash flow mapping, applications).

Recommended literature:

1. ALEXANDER, C. 2008. Market risk analysis Volume III: Pricing, hedging and trading financial instruments. Chichester (UK): Wiley, 2008. 386 pp. ISBN 978-0-470-99789-5.
2. CAMPBELL, J. Y., LO, A. W., MACKINLAY, A. C. 2007. The econometric of financial markets. Princeton (NJ): Princeton University Press, 2007. 632 pp. ISBN 978-0-691-04301-2.
3. DARÓCZI, G. 2013. Introduction to R for quantitative finance. Birmingham: Packt, 2013. 148 pp. ISBN 978-1-78328-093-3.
4. HULL, J., BASU, S. 2018. Options, futures, and other derivatives. 10th ed. Chennai (IN): Pearson, 2018. 982 pp. ISBN 978-9352866595.
5. MAZZONI, T. 2018. A first course in quantitative finance. Cambridge (UK): Cambridge University Press, 2018. 600 pp. ISBN 978-1108411431.
6. LAI, T. L., XING, H. 2008. Statistical models and methods for financial markets. New York: Springer, 2008. 354 pp. ISBN 978-0-387-77826-6.
7. LAOPODIS, N. T. 2021. Financial economics and econometrics. Oxon (UK): Routledge, 2021. 384 pp. ISBN 978-1032070186.
8. LINTON, O. 2019. Financial econometrics: models and methods. Cambridge (UK): Cambridge University Press, 2019. 572 pp. ISBN 978-1316630334.
9. PFAFF, B. 2016. Financial risk modelling and portfolio optimization with R. 2nd ed.. Chichester (UK): Wiley, 2016. 426 pp. ISBN 978-1119119661.

Language of instruction:

English

Notes:student time load:

180 hours, out of which:
combined study (lectures, seminars, consultations): 20
self-study: 80
preparation for the discussion and presentation under a mid-term assessment: 40
preparation of the analytical project under a mid-term assessment: 60

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Last changed: 24.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: 3_KMSR_AJ	Course name: Quantitative Methods in R System
Type, extent and method of instruction: Form of instruction: Lecture Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 1., 3.	
Level: III.	
Prerequisites:	
Course completion conditions: Practical exam - 100 points For a practical exam in the form of an assigned analysis, the student will receive a maximum of 100 points. By a practical exam, the student demonstrates the acquisition of knowledge provided in the course. To successfully complete the course in due time, 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 can use any available study materials, or can work with information from the Internet.	
Learning objectives: The student will be acquainted with the basics of the statistical program R, with its structure, syntax and its pre-programmed commands. After completing the course, the student will be able to perform a moderately demanding complete statistical analysis, which consists of data processing, data preparation, descriptive statistics and the estimation of supervised and unsupervised models. Furthermore, the student will be able to process the results of the analysis into a suitable form, possibly using graphic libraries.	
Brief outline of the course: Introduction to R, basic commands in R, preparing data, working with data, descriptive statistics and hypothesis testing, using graphical packages, principal components method, cluster analysis, prediction and classification models, cluster analysis of panel data, programming of own functions and loops in R	
Recommended literature: 1. DALGAARD, P. 2008. Introductory Statistics with R. 2. Vyd. New York : Springer, 2008. ISBN 978-0-387-79053-4. 2. HASTIE, T., TIBSHIRANI, R., FRIEDMAN, J. 2009. The elements of statistical learning. 2. Vyd. New York : Springer, 2009. ISBN 978-0-387-84858-7. 3. LANDER, J. P. 2014. R for everyone: advanced analytics and graphics. Upper Saddle River (NJ) : Addison-Wesley, 2014. ISBN 978-0-321-88803-7. 4. R CORE TEAM 2016. R: a language and environment for statistical computing. Vienna : R Foundation for Statistical Computing. http://www.r-project.org 5. TEETOR, P. 2011. 2011. R cookbook. Sebastopol (CA) : O'Reilly Media. ISBN 978-0596809157.	

6. VENABLES, W. N., RIPLEY, B. D. 2002. Modern applied statistics with S. 4. Vyd. New York : Springer, 2002. ISBN 0-387-95457-0.
7. VERZANI, J. 2005. Using R for Introductory Statistics. Boca Raton (Florida) : Chapman & Hall/CRC, 2005. ISBN 1-584-88450-9.

Language of instruction:

English

Notes:student time load:

Course assessment

The final number of assessed students: 1

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	100.0	0.0

Instructor: Mgr. Mária Stachová, PhD.

Last changed: 24.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_MEVP1_AJ	Course name: Research methodology and ethics 1
Type, extent and method of instruction: Form of instruction: Lecture Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 1.	
Level: III.	
Prerequisites:	
Course completion conditions: a) continuous assessment: literature review related to the topic of the dissertation (with a minimum of 60 publications): 60 points. b) final assessment: an article presenting the literature review related to the topic of the dissertation: 40 points.	
Learning objectives: Having completed the course successfully, the student <ol style="list-style-type: none"> 1. knows the level of knowledge of national and international literature related to the topic of dissertation, 2. understands and applies research ethics, 3. has the capacity to identify and to define the research problem, research goal/sub-goals, research questions or hypotheses, can verify hypotheses, 4. understand the principles of qualitative and quantitative research, with focus on methods which would be used in the dissertation, 5. has capacity to write literature review based academic article. 	
Brief outline of the course: Research ethics. Research methodology. Academic writing. Qualitative and quantitative research. Analysis of the existing literature related to the topic of the dissertation	
Recommended literature: <ol style="list-style-type: none"> 1. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2n ed. London: Sage, 2015 264 pp.. ISBN 9781446207499. 2. KOWALSKI, A., ORVISKÁ, M., ROSLIN, R. M. 2020. Developing transferable skill for research. Bratislava: Dolis Goen. 491 pp. ISBN 978-80-973221-1-3. 3. McCOMBES, S. 2020. How to write a research methodology. Available on the internet: www.scribbr.com/dissertation. 4. OCHRANA, F. 2015. Methodology of social sciences. Praha: Karolinum, 144 pp. ISBN 978-80-246-3001-4. 5. PUNCH, K. F. 2016. Developing effective research proposals. London: Sage, 192 pp. ISBN: 978-14-739-1638-8. 	

6. SAUNDERS, M., LEWIS, P., THORNHILL, A. 2007. Research Methods for Business Students. Harlow: Pearson Education, 624 pp. ISBN 978-0-273-70148-4.
7. The Oxbridge Research Group. 2020. Everything you need to know about dissertation primary research. Available on the internet: www.oxbridgeessays.com/blog/everything-need-know-dissertation-primary-research.
8. Directive # 9/2021 on qualification theses defended at Matej Bel University in Banská Bystrica.
9. Regulation S-02-21 Format of written qualification theses defended at Matej Bel University in Banská Bystrica.

Language of instruction:

English

Notes: student time load:

180 hours, out of which:
 combined study (lectures, seminars, consultations) 20
 self-study 30
 drafting the literature review 100
 drafting the article 30

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: prof. Ing. Emília Zimková, PhD., prof. Ing. Juraj Nemec, CSc.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: The Faculty of Economics	
Code: FIN3_MEVP2_AJ	Course name: Research methodology and ethics 2
Type, extent and method of instruction: Form of instruction: Lecture Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 20s Method of study: combined	
Number of credits: 6	
Recommended semester/trimester: 2.	
Level: III.	
Prerequisites:	
Course completion conditions: a) continuous assessment: seminar work in the form of a dissertation thesis project (research results are not required) with a minimum extent of 36,000 characters irrespective of the literature and appendices: 60 points. b) final assessment: a paper on the topic related to the dissertation thesis: 40 points.	
Learning objectives: Having the completed the course successfully, the student <ol style="list-style-type: none"> 1. has capacity to apply the knowledge from the course Research methodology and ethics 1 to start to prepare the project of his/her dissertation, with focus on parts literature review and methodology. 2. knows, which methods to apply in his/her dissertation and has capacity to use these methods. 3. has capacity to evaluate different approaches related to the topic of dissertation, in national and international perspective. 4. has capacity to write standard academic article. 	
Brief outline of the course: Preparing the project of dissertation, with focus on methodology. Drafting academic article related to the topic of dissertation. Individual study with detailed focus on research methods which plan to be used in dissertation.	
Recommended literature: <ol style="list-style-type: none"> 1. ISRAEL, M. 2015. Research Ethics and Integrity for Social Scientists: Beyond Regulatory Compliance. 2n ed. London: Sage, 2015 264 pp.. ISBN 9781446207499. 2. KOWALSKI, A., ORVISKÁ, M., ROSLIN, R. M. 2020. Developing transferable skill for research. Bratislava: Dolis Goen. 491 pp. ISBN 978-80-973221-1-3. 3. McCOMBES, S. 2020. How to write a research methodology. Available on the internet: www.scribbr.com/dissertation. 4. OCHRANA, F. 2015. Methodology of social sciences. Praha: Karolinum, 144 pp. ISBN 978-80-246-3001-4. 5. PUNCH, K. F. 2016. Developing effective research proposals. London: Sage, 192 pp. ISBN: 978-14-739-1638-8. 6. SAUNDERS, M., LEWIS, P., THORNHILL, A. 2007. Research Methods for Business Students. Harlow: Pearson Education, 624 pp. ISBN 978-0-273-70148-4. 	

7. The Oxbridge Research Group. 2020. Everything you need to know about dissertation primary research. Available on the internet: www.oxbridgeessays.com/blog/everything-need-know-dissertation-primary-research.
8. Directive # 9/2021 on qualification theses defended at Matej Bel University in Banská Bystrica.
9. Regulation S-02-21 Format of written qualification theses defended at Matej Bel University in Banská Bystrica.

Language of instruction:

English

Notes:student time load:

180 hours, out of which:
 combined study (Lectures, seminars, consultations) 20
 self-study 40
 drafting the literature review 70
 drafting the article 50

Course assessment

The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: prof. Ing. Emília Zimková, PhD., prof. Ing. Juraj Nemec, CSc.

Last changed: 29.01.2024

Approved by: prof. Ing. Emília Zimková, PhD.