DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KÚA FHI/IIE210012/21	**Title of course:** Accounting

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1., 3.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
26 hours of lectures
26 hours of seminars
13 hours of preparation for the lectures
26 hours of preparation for the seminars
26 hours of preparation for the continuous written essay (40 % of the overall grading)
39 hours of preparation for the final written exam (60 % of the overall grading)
Total study load (in hours): 156

Student workload:
26 hours of lectures
26 hours of seminars
13 hours of preparation for the lectures
26 hours of preparation for the seminars
26 hours of preparation for the continuous written essay (40 % of the overall grading)
39 hours of preparation for the final written exam (60 % of the overall grading)
Total study load (in hours): 156

Teaching results:
Teaching results
Upon finishing the course, the students will acquire the knowledge, competence and skills necessary for understanding the underlying economic assumptions of the accounting, fundamental principles of double-entry book-keeping, its regulatory framework, on the principles of preparation of the financial statements and the interpretation of the accounting data.
Knowledge
The student will acquire knowledge about the fundamental elements of financial statements (assets, liabilities, equity, expenses, income) , their application in determination, presentation and assessment of economic results, and the relation between the transactions and other events and such elements. Consequently he/she will acquire knowledge on the accounting in its sense as an information system providing data for the bot the decisions making and confirmatory purposes. He/she will also acquire the knowledge about the need and the existence of various accounting regulatory frameworks, on the techniques of double-entry accounting, on the principles, procedures

and formal rules applied in accounting and on the content and the structure of the financial statements.
Competence
Upon finishing the course, the student will be able to identify the relations between the transactions and (respectively) other evets and fundamental elements of financial statements and to apply the fundamental principles and formal rules for maintaining the accounting records and for the preparation the documents for the preparation of the financial statements.
Skills
The students will be able, in accordance with the relevant accounting regulations, to apply the principles of double-entry accounting to reflect the economic transactions and other events. On the other hand, based on the said accounting information, their will be able to explain the economic position of the accounting entity and its changes due to such transactions and events.

Indicative content:
Indicative content:
The accounting as a source of the economic information with confirmatory and predicting value. Measurement of assets and liabilities and its impact on accounting information. Regulatory framework of the accounting. Accounting statutes in the Slovak republic. Content and the structure of financial statements. General requirements for accounting information. Business activities of an enterprise and its general reflection in the accounting. Principles of double-entry accounting and their applications. Formal and technical aspects of the accounting Comparison of financial statements for micro entities, small entities and large entities

Support literature:
Juhászová, Z. a kol. (2021). Účtovníctvo. Bratislava : Wolters Kluwer
Užík, J. - Sigetová, K. - Užíková, L. (2023). Účtovníctvo zbierka príkladov. Bratislava : SKCÚ
Pakšiová, R. – Janhuba, M. (2012). Teória účtovníctva v kontexte svetového vývoja. Bratislava : Wolters Kluwer.
Zákon č. 431/2002 Z. z. o účtovníctvo, v znení neskorších predpisov.
Zákon č. 513/1991 Z. z. Obchodný zákonník, v znení neskorších predpisov
Opatrenie Ministerstva financií č. 23054/2002 –92 ktorým sa ustanovujú podrobnosti o postupoch účtovania a rámcovej účtovej osnove pre podnikateľov účtujúcich v sústave podvojného účtovníctva v znení neskorších predpisov, v znení neskorších predpisov.
Opatrenie Ministerstva financií Slovenskej republiky z 3. decembra 2014 č. MF/23377/2014-74, ktorým sa ustanovujú podrobnosti o individuálnej účtovnej závierke a rozsahu údajov určených z individuálnej účtovnej závierky na zverejnenie pre veľké účtovné jednotky a subjekty verejného záujmu, v znení neskorších predpisov.

Syllabus:
1. The accounting as a source of the economic information with confirmatory and predicting value
Essential elements used in the accounting (assets, liabilities, equity, expenses, income), theire economic substance and application for the decisions focused on the future and for the assessment of the past performance. Users of the accounting information and their typical requirement on the content and the quality of information. Assessment of the impact of actual transactions and other events on the wealth of a company and its changes. Comparability of accounting information and its impact on a creation of accounting regulation-
2. Measurement of assets and liabilities and its impact on accounting information
Role of the measurement in assessment of the past results and decisions oriented for the future. Relation between essential accounting elements and cash-flows. Measurement based on the input and output prices. Use of the market prices, models using discounted cash-flows from the continuing activities and models with anticipated deterioration of the value. Allocation of the

input and output prices. Procedures used for the non-monetary transactions and transactions with deferred payments.
3. Regulatory framework of the accounting
The International (IFRS) and national (SR, CR, US GAAP) accounting statutes – their impact on the comparability of the accounting information and the cost of their provision. The scope and the volume of the accounting information required by the users and their impact on the typical organization of the accounting systems. The accounting information cycle: transactions, conditions, and other events within a domain of the accounting, accounting records, journal and books of accounts, and financial statements. Demands for aggregation and confidentiality as a reason for the invention of financial statements. General overview of the financial statements. Comparison of provisions on books on accounting in national statutes (SR and CR), comparison of provisions on financial statements in the SR, CR, and in accordance with the IFRS.
4. Accounting statutes in the Slovak republic
Act on accounting and by-laws of the Ministry of finance of the Slovak republic – their function and scope. Relation between the accounting and other laws (Act on bankruptcy and restructuralization, Commercial code, Act on income taxes, Penal code). Accounting entity and the accounting related responsibilities of those with governing and controlling powers. Profit-based and other accounting entities. The role of the auditing of the financial statements.
5. Content and the structure of financial statements
Classification of financial statements based on various criteria (annual and interim, periodicity, size criteria, respective industries, number of accounting entities covered). General structure of the financial statements and its components. Need for distinction of the equity and liabilities, non-current and current items. Open-source data about financial statements in the SR and the USA.
6. General requirements for accounting information
Definition of the: faitfhul presentation of the financial situation and the performance of the accounting entity, relevance, comparability, understandability, timeliness, materiality, substance over the form, going concern, accruals, prudence, consistence, and verifiability. Illustration of the impact of their (non)application on the decisions to be taken by the stakeholders.
7. Business activities of an enterprise and its general reflection in the accounting I
Business activities of an enterprise, its operating cycle, and their relation to the accounting. Key performance indicators for the enterprise. Transactions and events (including their change in measurement) having and not having an effect on profit or loss. Transactions and events (including their change in measurement) having and not having an effect on indebtedness and the ability of an enterprise to settle its liabilities in an ordinary manner.
8. Business activities of an enterprise and its general reflection in the accounting II
General characteristics of following typical transactions and events and their impact on the (sub)headings (and/or individual items respectively) of a balance-sheet and the income statements: purchase, consumption, sales, and payments and clearing with suppliers, customers, and employees.
9. Business activities of an enterprise and its general reflection in the accounting III
General characteristics of common transactions and their impact on (sub)heading (individual line items) of the balance-sheet and income statement: depreciation / amortization, impairment, revaluation, formation of a business, financing by credits and loans, relations with government
10. Principles of double-entry accounting and their applications
General ledger and its role among the books of accounts, account, and double-entry accounting records. Use of double-entry and accounting equation as inherent controls of accounting. Fundamental principles of opening the accounts, examples of common accounting records of transactions on ledger accounts and fundamental principles of closing the ledger accounts.
11. Formal and technical aspects of the accounting I

Documentation used and / or produced by the accounting, its content, obligatory information to be provided and requirement for its maintenance and storing. Examples of business documentation (price quotations, (sales) orders, receipts, invoices, statements form bank accounts, stock cards) and their relation to business activities and operating cycle of an enterprise.
12. Formal and technical aspects of the accounting II
Confirmations of receivables and payables. Correction of errors. Stock-taking, its content, requirements for its realisation and its use as element of controls in accounting. Trial balance, its contents, its use as control of double-entry book-keeping a illustrative compilation based on a given data.
13. Comparison of financial statements for micro entities, small entities and large entities

Language whose command is required to complete the course:
slovak

Notes:

Assessment of courses
Total number of evaluated students: 2152

A	B	C	D	E	FX
15.61	19.84	23.23	19.1	15.75	6.46

Lecturer: doc. Ing. Jitka Meluchová, PhD., Ing. Katarína Sigetová, Ing. Lenka Užíková, Ing. Kornélia Lovciová, PhD., Ing. Anton Marci, PhD.

Date of the latest change: 17.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KAI FHI/IIA21100/21	**Title of course:** Algorithms and Programming I.

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Requirements to complete the course:
- final exam - written form, 60% (passing the exam means obtaining at least 51% of the exam evaluation). The exam consists of two parts: verification of theoretical knowledge (test with different types of questions). The theoretical part verifies the achieved level of educational results A, B, E. Verification of practical skills - creation of a flow chart in the PS diagram and program in Python, where the level of educational results C, D, F, G is verified.
Exercises
Continuous tests 10%, continuous problem solving during exercises in pairs 10%, final task-algorithm creation 20%, 51% of this obligation is required for the exam
The following results of education C, D, F, G are developed and evaluated by evaluating an independent task and evaluating work in teams.

Student workload:
Total study load (in hours):
156 hours
Participation in seminars 52 hours, preparation for seminars 13 hours, final task elaboration 13 hours, preparation for continuous tests and tasks 13 hours, preparation for the exam 65 hours

Teaching results:
Upon completion of the course, students should have acquired the knowledge and skills to:
A. knowledge to navigate the conceptual apparatus in the field of algorithm design and development
B. understand the different types of data structures and how to create algorithms over data structures
C. competence to formulate the essence of the problem to be solved in terms of the principles of algorithm design
D. competence to transform an algorithm into the Python programming language on simple problems
E. ability to understand simple source code in selected programming languages (understand the basic control structures of an algorithm)
F. ability to work in pairs to design solutions to problems
G. communicate and explain their algorithm designs

Indicative content:
Indicative content:

1. Concept of algorithm, its properties, concept of Turing machine and connection with algorithm, algorithm representation
2. Basic control structures of the algorithm and algorithmization of oral simple tasks,
3. Creating a flowchart in the PS diagram application
4. Basics of Python programming
5. Parsing flowcharts into Python
6. Complexity of algorithms and notation Big O
7. Sorting algorithms and their efficiency, hash tables and their meaning
8. Sorting algorithms and their efficiency, recursion in programs
9. Different types of data structures (linear lists, trees, heaps, graphs) and work with them
10. State space and uninformed state space search algorithms (in width and depth)
11. Informed state space search algorithms (quantitative hill climbing heuristics and its modifications)
12. Optimization algorithms A * and its modifications
13. Working with modules.

Support literature:

1. Wengrow, J., A common-sense Guide to Data Structures and Algorithms, 2nd edition, The pragrmatic programmers, 2020
2. Skiena, S.S., The Algorithm Design Manual (Texts in Computer Science) 3rd ed., Springer, 2020
3. Wróblewski P.: Algoritmy, dátové a programovací techniky, Computer Press, Brno 2004
4. Pšenčíková, J., Algoritmizace, Computer Media, 2021
5. Pecinovský, J., Začínáme programovat v jazyku Python, Grada, 2020
6. Pecinovský, J., Python Kompletní příručka jazyka pro verzi 3.10, Grada, 2021

Syllabus:

Language whose command is required to complete the course:
slovak

Notes:

Assessment of courses
Total number of evaluated students: 1067

A	B	C	D	E	FX
13.12	19.59	25.59	18.56	16.31	6.84

Lecturer: doc. Ing. Jaroslav Kultan, PhD., RNDr. Eva Rakovská, PhD., Ing. Pavol Sojka, PhD.

Date of the latest change: 01.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KOVE FHI/ IIB21930/22	**Title of course:** Analytical Tools in Economics

Type, load and method of teaching activities:
Form of course:
Recommended load of course (number of lessons):
Per week: Per course:
Method of study: present

Number of credits: 10

Recommended semester/trimester of study:

Degree of study: I.

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses
Total number of evaluated students: 14

A	B	C	D	E	FX
7.14	42.86	28.57	7.14	14.29	0.0

Lecturer:

Date of the latest change: 05.04.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KOVE FHI/ IIB21920/22	**Title of course:** Bachelor Thesis and its Defense

Type, load and method of teaching activities:
Form of course:
Recommended load of course (number of lessons):
Per week: Per course:
Method of study: present

Number of credits: 10

Recommended semester/trimester of study:

Degree of study: I.

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses
Total number of evaluated students: 114

A	B	C	D	E	FX
41.23	34.21	15.79	6.14	2.63	0.0

Lecturer:

Date of the latest change: 05.04.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211205/22	**Title of course:** Business French for Advanced Students I.
Type, load and method of teaching activities: **Form of course:** Practical **Recommended load of course (number of lessons):** **Per week:** 2 **Per course:** 26 **Method of study:** present	
Number of credits: 3	
Recommended semester/trimester of study: 1.	
Degree of study: I.	
Prerequisites:	
Requirements to complete the course: Activity at seminars – 20 % Homework assignments – 20 % Results of the final written exam – 60 %	
Student workload: 78h: 26 h participation at seminars 26 h preparation for seminars 26 h preparation for exam	
Teaching results: Language knowledge: mastering the basic principles of professional language. Language skills: the student is able to use receptive and productive language skills at the required level. He/she understands longer speeches, conversations, a longer professional text with a complex structure. The student can adequately comment on general and professional topics and clearly formulate ideas and attitudes. In written communication he/she can create clear, well-arranged and detailed texts on complex topics, demonstrating mastery of compositional techniques, conjunctions and means of cohesion. Language competencies: flexible and effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.	
Indicative content: 1. Basic types of French business companies 2. French companies in Slovakia 3. Business communication 4. Business letter 5. Human resources management 6. Recruitment process 7. Labour market, unemployment 8. Labour market in France and French-speaking countries 9. Marketing 10. Products and world brands	

11. Market research
12. Internet sales

Support literature:
Obligatory:
Rizeková, I. a kol.: Le monde des affaires, Vydavateľstvo Ekonóm, Bratislava 2007
Miquel, C.: Grammaire en dialogues. Niveau avancé. B2-C1. CLE International 2013
Supplementary:
Kozmová, J. – Brouland, P.: Francouzština v podnikové a obchodní praxi, Ekopress, Praha 2005
Dahan, L. – Morel, P.:: Maîtrisez le Français Commercial en 40 dossiers, Langues pour tous – Pocket, Paris 2004
Current study materials from magazines, newspapers, and the Internet.

Syllabus:

Language whose command is required to complete the course:
French

Notes:

Assessment of courses
Total number of evaluated students: 2

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

Lecturer: Mag. (FH) Florence Gajdošová

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211305/22	**Title of course:** Business French for Advanced Students II.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 2.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Assessment of homework assignments – 10 %
Results of the final exam – 70 %

Student workload:
78h:
26 h participation at seminars
26 h preparation for seminars
26 h preparation for exam

Teaching results:
Language knowledge: mastering the basic principles of professional language
Language skills: the student is able to use receptive and productive language skills at the required level. He/she understands longer speeches and conversations, understands a longer professional text with a complex structure, is able to comment adequately on general and professional topics and clearly formulate ideas and attitudes. In written communication the student can create clear, well-arranged and detailed texts on complex topics, demonstrating mastery of compositional techniques, conjunctions and means of cohesion.
Language competencies: flexible, fluent and effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.

Indicative content:
1. Trends in the development of the current economy
2. Trends in the development of the economy in French-speaking countries
3. Company management
4. Company revenues and expenditures
5. Company budget
6. Subsidies for business development
7. Tax system
8. Banking system
9. Banking products

10. Foreign trade
11. Foreign investment
12. Logistics and transport

Support literature:
Obligatory:
Rizeková, I. a kol.: Le monde des affaires, Vydavateľstvo Ekonóm, Bratislava 2007
Miquel, C.: Grammaire en dialogues. Niveau avancé. B2-C1. CLE International 2013
Supplementary:
Kozmová, J. – Brouland, P.: Francouzština v podnikové a obchodní praxi, Ekopress, Praha 2005
Dahan, L. – Morel, P.:: Maîtrisez le Français Commercial en 40 dossiers, Langues pour tous – Pocket, Paris 2004
Current study materials from magazines, newspapers, and the Internet.

Syllabus:

Language whose command is required to complete the course:
French

Notes:

Assessment of courses
Total number of evaluated students: 2

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

Lecturer: PaedDr. Ján Keresty, PhD., Mag. (FH) Florence Gajdošová

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE210905/22	**Title of course:** Business French for Intermediate Students I.
Type, load and method of teaching activities: **Form of course:** Practical **Recommended load of course (number of lessons):** **Per week:** 2 **Per course:** 26 **Method of study:** present	
Number of credits: 3	
Recommended semester/trimester of study: 3.	
Degree of study: I.	
Prerequisites:	
Requirements to complete the course: Activity at seminars – 20 % Homework assignments – 20 % Results of the final written exam – 60 %	
Student workload: 78h: 26 h participation at seminars 26 h preparation for seminars 26 h preparation for exam	
Teaching results: Language knowledge: mastering the basic principles of professional language. Language skills: the student is able to use receptive and productive language skills at the required level and is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for private and professional life. Language competencies: effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.	
Indicative content: 1. Curriculum vitae 2. Cover letter 3. Recruitment process 4. Job interview 5. Hiring a new employee 6. Work environment 7. Mail communication 8. Telephone communication 9. Advertising 10. Marketing 11. Product 12. Brand	

Support literature:
Obligatory:
Dubois, A.-L. – Tauzin, B.: Objectif Express 2. Hachette Livre Paris 2009
Miquel, C.: Grammaire en dialogues. Niveau intermédiaire. B1. CLE International 2018
Supplementary:
Rizeková, I. a kol.: Le monde des affaires, Vydavateľstvo Ekonóm, Bratislava 2007
Kozmová, J. – Brouland, P.: Francouzština v podnikové a obchodní praxi, Ekopress, Praha 2005
Complementary articles from the current French press and the Internet.

Syllabus:

Language whose command is required to complete the course:
French

Notes:

Assessment of courses
Total number of evaluated students: 12

A	B	C	D	E	FX
16.67	25.0	33.33	25.0	0.0	0.0

Lecturer: PhDr. Iveta Rizeková, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211005/22	**Title of course:** Business French for Intermediate Students II.
Type, load and method of teaching activities: **Form of course:** Practical **Recommended load of course (number of lessons):** **Per week:** 2 **Per course:** 26 **Method of study:** present	
Number of credits: 3	
Recommended semester/trimester of study: 4.	
Degree of study: I.	
Prerequisites:	
Requirements to complete the course: Activity at seminars – 20 % Assessment of homework assignments – 10 % Results of the final exam – 70 %	
Student workload: 78h: 26 h participation at seminars 26 h preparation for seminars 26 h preparation for exam	
Teaching results: Language knowledge: mastering the basic principles of professional language. Language skills: the student is able to use receptive and productive language skills at the required level and is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for private and professional life. Language competencies: effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.	
Indicative content: 1. Workplace relations, work team 2. Corporate culture 3. Work meeting 4. Preparing a business trip (transport, accommodation, meals) 5. Business trip 6. Company presentation 7. Product presentation 8. Negotiations with partners 9. Conclusion of a business contract 10. Withdrawal from a contract 11. Complaint and claim 12. Organizing a congress / a trade fair	

Support literature:
Povinná:
Dubois, A.-L. – Tauzin, B.: Objectif Express 2. Hachette Livre Paris 2009
Miquel, C.: Grammaire en dialogues. Niveau intermédiaire. B1. CLE International 2018
Odporúčaná:
Rizeková, I. a kol.: Le monde des affaires, Vydavateľstvo Ekonóm, Bratislava 2007
Kozmová, J. – Brouland, P.: Francouzština v podnikové a obchodní praxi, Ekopress, Praha 2005
Doplnkové články zo súčasnej francúzskej tlače a z internetu.

Syllabus:

Language whose command is required to complete the course:
French

Notes:

Assessment of courses
Total number of evaluated students: 6

A	B	C	D	E	FX
16.67	50.0	33.33	0.0	0.0	0.0

Lecturer: PaedDr. Ján Keresty, PhD., PhDr. Iveta Rizeková, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KNJ FAJ/IJD21101/22	**Title of course:** Business German for Advanced Students I.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 1.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
The result of a homework – 20 %
The result of a final written test – 60 %

Student workload:
78h
(participation in seminars 26 h, preparation for seminars 26 h, preparation for the exam 26 h)

Teaching results:
Language knowledge: to know the basic principles of professional language.
Language skills: the student is able to use receptive and productive language skills at the required level. He/ she understands longer speeches, conversations, a longer professional text with a complex structure. The student can adequately comment on general and professional topics and clearly formulate ideas and attitudes. In written communication he/she can create clear, well-arranged, and detailed text on complex topics, demonstrating mastery of compositional techniques, conjunctions, and means of cohesion.
Language competencies: to use flexibly and effectively acquired language skills, which are necessary for successful student´s application in practice and for social, academic, or professional purposes.

Indicative content:
1. Internal and external communication in business
2. Brainstorming
3. Trends in the development of the current economy
4. Relationships at the workplace
5. Marketing
6. World brands
7. Company
8. Networking
9. Negotiations
10. Insurance
11. Types of insurance policies
12. Case study

Support literature:
Müller, A., Schlüter, S.: Im Beruf Neu - Kursbuch, Sprachniveau B1+/B2, Hueber Verlag, ISBN 978-3-19-201190-0
Müller, A., Schlüter, S.: Im Beruf Neu – Arbeitsbuch, Sprachniveau B1+/B2, Hueber Verlag, ISBN 978-3-19-201190-7

Syllabus:

Language whose command is required to complete the course:
German

Notes:

Assessment of courses
Total number of evaluated students: 7

A	B	C	D	E	FX
28.57	14.29	28.57	0.0	14.29	14.29

Lecturer: Christina Hintersteininger, M.A., PhDr. Lucia Šukolová, PhD.

Date of the latest change: 01.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KNJ FAJ/IJD21102/22	**Title of course:** Business German for Advanced Students II.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 2.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
The result of a homework – 10 %
The result of a final written and oral exam – 70 %

Student workload:
78h
(participation in seminars 26 h, preparation for seminars 26 h, preparation for the exam 26 h)

Teaching results:
Language knowledge: to know the basic principles of professional language
Language skills: the student is able to use receptive and productive language skills at the required level. He/ she understands longer speeches and conversations; understands a longer professional text with a complex structure; is able to comment adequately on general and professional topics and clearly formulate ideas and attitudes. In written communication the student can create clear, well-arranged and detailed text on complex topics, demonstrating mastery of compositional techniques, conjunctions and means of cohesion.
Language competencies: to use flexibly, fluently and effectively acquired langauge skills which are necessary for student´s successful application in practice and for social, academic or professional purposes.

Indicative content:
. Risk management
2. Solving conflicts
3. Building relationships at the workplace
4. Characteristics of a successful manager
5. Finances
6. Acquisitions
7. Mergers
8. Joint venture
9. Negotiations
10. Trends in the development of the economy
11. Presentations
12. Case study

Support literature:
Müller, A., Schlüter, S.: Im Beruf Neu - Kursbuch, Sprachniveau B1+/B2, Hueber Verlag, ISBN 978-3-19-201190-0
Müller, A., Schlüter, S.: Im Beruf Neu – Arbeitsbuch, Sprachniveau B1+/B2, Hueber Verlag, ISBN 978-3-19-201190-7

Syllabus:

Language whose command is required to complete the course:
German

Notes:

Assessment of courses
Total number of evaluated students: 4

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

Lecturer: Christina Hintersteininger, M.A.

Date of the latest change: 01.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KNJ FAJ/IJD21104/22	**Title of course:** Business German for Graduate Students II.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 4.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
The result of a homework – 10 %
The result of a final written and oral exam – 70 %

Student workload:
78h
(participation in seminars 26 h, preparation for seminars 26 h, preparation for the exam 26 h)

Teaching results:
Language knowledge: to know the basic principles of professional language.
Language skills: the student is able to use receptive and productive language skills at the required level, is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for the private and professional life.
Language competencies: to use effectively acquired language skills, which are necessary for the successful student´s application in practice and for social, academic or professional purposes.

Indicative content:
1. Stress at workplace
2. Socialising
3. Small talk
4. Trade sector
5. Numerals
6. Marketing
7. Marketing campaign
8. Marketing mix
9. Finances
10. Making phone calls
11. Meetings
12. Case study

Support literature:

ROS, Lourdes. Perspektive Deutsch, Kommunikation am Arbeitsplatz A2/B1+, Kursbuch mit Audio-CD, Klett, ISBN 978-3-12-675348-7
ROS, Lourdes. Perspektive Deutsch, Kommunikation am Arbeitsplatz A2/B1+, Übungsbuch, Klett, ISBN 978-3-12-675347-0
KUNOVSKÁ, Ingrid - MRÁZOVÁ, Mária - KUCHAROVÁ, Jana. Teória, cvičenia a texty k nemeckej gramatike. 1. vyd. Bratislava : Vydavateľstvo EKONÓM, 2016. ISBN 978-80-225-4253-1

Syllabus:

Language whose command is required to complete the course:
German

Notes:

Assessment of courses
Total number of evaluated students: 133

A	B	C	D	E	FX
26.32	20.3	24.81	17.29	9.02	2.26

Lecturer: Mgr. Zuzana Kočišová, Mgr. Ing. Terézia Ondrušová, PhD., Ing. Mgr. Magdaléna Paté, PhD., PhDr. Lucia Šukolová, PhD.

Date of the latest change: 01.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KNJ FAJ/IJD21103/22	**Title of course:** Business German for Intermediate Students I.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 3.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
The result of a homework – 20 %
The result of a final written test – 60 %

Student workload:
78h
(participation in seminars 26 h, preparation for seminars 26 h, preparation for the exam 26 h)

Teaching results:
Language knowledge: to know the basic principles of professional language.
Language skills: the student is able to use receptive and productive language skills at the required level, is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for the private and professional life.
Language competencies: to use effectively acquired language skills, which are necessary for the successful student´s application in practice and for social, academic or professional purposes.

Indicative content:
1. Career plan
2. Job interview
3. Company structure
4. Company presentation
5. Problem solving in a company
6. Negotiations
7. Sales
8. Company management
9. Negotiations
10. Making phone calls
11. Brainstorming
12. Meetings

Support literature:

ROS, Lourdes. Perspektive Deutsch, Kommunikation am Arbeitsplatz A2/B1+, Kursbuch mit Audio-CD, Klett, ISBN 978-3-12-675348-7
ROS, Lourdes. Perspektive Deutsch, Kommunikation am Arbeitsplatz A2/B1+, Übungsbuch, Klett, ISBN 978-3-12-675347-0
KUNOVSKÁ, Ingrid - MRÁZOVÁ, Mária - KUCHAROVÁ, Jana. Teória, cvičenia a texty k nemeckej gramatike. 1. vyd. Bratislava : Vydavateľstvo EKONÓM, 2016. ISBN 978-80-225-4253-1

Syllabus:

Language whose command is required to complete the course:
German

Notes:

Assessment of courses
Total number of evaluated students: 241

A	B	C	D	E	FX
18.67	22.82	21.99	20.75	14.52	1.24

Lecturer: Mgr. Zuzana Kočišová, Mgr. Ing. Terézia Ondrušová, PhD., Ing. Mgr. Magdaléna Paté, PhD.

Date of the latest change: 01.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211202/22	**Title of course:** Business Italian for Advanced Students I.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 1.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Assessment of homework assignments – 20 %
Results of final written exam – 60 %

Student workload:
78 hours
26 hours – Seminars participation
26 hours – Seminars preparation
26 hours – Exam preparation

Teaching results:
Language knowledge: mastering the basic principles of professional language.
Language skills: the student is able to use receptive and productive language skills at the required level. He/she understands longer speeches, conversations, a longer professional text with a complex structure. The student can adequately comment on general and professional topics and clearly formulate ideas and attitudes. In written communication he/she can create clear, well-arranged and detailed texts on complex topics, demonstrating mastery of compositional techniques, conjunctions and means of cohesion.
Language competencies: flexible and effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.

Indicative content:
1. Basic types of Italian business companies
2. Italian companies in Slovakia
3. Business communication
4. Business letter
5. Human resources management
6. Recruitment process
7. Labour market, unemployment
8. Labour market in Italy
9. Marketing
10. Products and world brands

11. Market research
12. Internet sales

Support literature:
Cherubini, N: Convergenze: Iperlibro di italiano per affari. Roma: Bonacci editore, 2012
Pelizza, G. – Mezzadri, M.: L'italiano in azienda. Perugia: Guerra Edizioni, 2002
Complementary articles from the current Italian press and the Internet.

Syllabus:

Language whose command is required to complete the course:
Italian

Notes:

Assessment of courses
Total number of evaluated students: 1

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

Lecturer: Mgr. Elena Smoleňová, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211302/22	**Title of course:** Business Italian for Advanced Students II.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 2.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Assessment of homework assignments – 10 %
Results of final exam (combined examination) – 70 %

Student workload:
78 h
26 hours – Seminar participation
26 hours – Seminar preparation
26 hours – Exam preparation

Teaching results:
Language knowledge: mastering the basic principles of professional language
Language skills: the student is able to use receptive and productive language skills at the required level. He/she understands longer speeches and conversations, understands a longer professional text with a complex structure, is able to comment adequately on general and professional topics and clearly formulate ideas and attitudes. In written communication the student can create clear, well-arranged and detailed texts on complex topics, demonstrating mastery of compositional techniques, conjunctions and means of cohesion.
Language competencies: flexible, fluent and effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.

Indicative content:
1. Trends in the development of the current economy
2. Trends in the development of the Italian economy
3. Company management
4. Company revenues and expenditures
5. Company budget
6. Subsidies for business development
7. Tax system
8. Banking system
9. Banking products

10. Foreign trade
11. Foreign investment
12. Logistics and transport

Support literature:
Cherubini, N: Convergenze: Iperlibro di italiano per affari. Roma:Bonacci editore, 2012
Pelizza, G. – Mezzadri, M.: L'italiano in azienda. Perugia:Guerra Edizioni, 2002
Complementary articles from the current Italian press and the Internet.

Syllabus:

Language whose command is required to complete the course:
Italian

Notes:

Assessment of courses
Total number of evaluated students: 1

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

Lecturer: Mgr. Elena Smoleňová, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE210902/22	**Title of course:** Business Italian for Intermediate Students I.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 3.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Assessment of homework assignments – 20 %
Results of the final written exam – 60 %

Student workload:
78 hours
26 hours – Seminars participation
26 hours – Seminars preparation
26 hours – Exam preparation

Teaching results:
Language knowledge: mastering the basic principles of professional language.
Language skills: the student is able to use receptive and productive language skills at the required level and is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for private and professional life.
Language competencies: effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.

Indicative content:
1. Curriculum vitae
2. Cover letter
3. Recruitment process
4. Job interview
5. Hiring a new employee
6. Work environment
7. Mail communication
8. Telephone communication
9. Advertising
10. Marketing
11. Product
12. Brand

Support literature:
Cherubini, N: Convergenze: Iperlibro di italiano per affari. Roma: Bonacci editore, 2012
Pelizza, G. – Mezzadri, M.: L'italiano in azienda. Perugia: Guerra Edizioni, 2002
Complementary articles from the current Italian press and the Internet.

Syllabus:

Language whose command is required to complete the course:
Italian

Notes:

Assessment of courses
Total number of evaluated students: 19

A	B	C	D	E	FX
52.63	31.58	10.53	0.0	0.0	5.26

Lecturer: Mgr. Elena Smoleňová, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211002/22	**Title of course:** Business Italian for Intermediate Students II.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 4.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Assessment of homework assignments – 10 %
Results of the final exam (written and oral) – 70 %

Student workload:
78 hours
26 hours – Seminars participation
26 hours – Seminar preparation
26 hours – Exam preparation

Teaching results:
Language knowledge: mastering the basic principles of professional language.
Language skills: the student is able to use receptive and productive language skills at the required level and is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for private and professional life.
Language competencies: effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.

Indicative content:
1. Workplace relations, work team
2. Corporate culture
3. Work meeting
4. Preparing a business trip (transport, accommodation, meals)
5. Business trip
6. Company presentation
7. Product presentation
8. Negotiations with partners
9. Conclusion of a business contract
10. Withdrawal from a contract
11. Complaint and claim
12. Organizing a congress / a trade fair

Support literature:
Cherubini, N: Convergenze: Iperlibro di italiano per affari. Roma:Bonacci editore, 2012
Pelizza, G. – Mezzadri, M.: L'italiano in azienda. Perugia:Guerra Edizioni, 2002
Complementary articles from the current Italian press and the Internet.

Syllabus:

Language whose command is required to complete the course:
Italian

Notes:

Assessment of courses
Total number of evaluated students: 13

A	B	C	D	E	FX
46.15	38.46	15.38	0.0	0.0	0.0

Lecturer: Mgr. Elena Smoleňová, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211203/22	**Title of course:** Business Russian for Advanced Students I.
Type, load and method of teaching activities: **Form of course:** Practical **Recommended load of course (number of lessons):** **Per week:** 2 **Per course:** 26 **Method of study:** present	
Number of credits: 3	
Recommended semester/trimester of study: 1.	
Degree of study: I.	
Prerequisites:	
Requirements to complete the course: Activity at seminars – 20 % Assessment of homework assignments – 20 % Results of a final written exam – 60 %	
Student workload: 26 h participation in seminars 26 h semester project 26 h written work	
Teaching results: Language knowledge: mastering the basic principles of professional language. Language skills: the student is able to use receptive and productive language skills at the required level. He/she understands longer speeches, conversations, a longer professional text with a complex structure. The student can adequately comment on general and professional topics and clearly formulate ideas and attitudes. In written communication he/she can create clear, well-arranged and detailed texts on complex topics, demonstrating mastery of compositional techniques, conjunctions and means of cohesion. Language competencies: flexible and effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.	
Indicative content: 1. Economic system – basic concepts. 2. Economic systems – general economic theory. 3. World economy. 4. Domestic economy. 5. Market. 6. Principles of market economy. 7. Marketing. 8. Enterprise and business. 9. Finance and costs of the company. 10. Personnel policy of the company. 11. Corporate culture.	

12. Solution of a case study.

Support literature:
RECHTORÍKOVÁ, G. 2014. Ruština pre ekonómov I. Bratislava: Vydavateľstvo EKONÓM.
STRELKOVÁ, K. et al. 2011. Sprievodca ekonomickou lexikou. Bratislava: Vydavateľstvo EKONÓM.

Syllabus:

Language whose command is required to complete the course:
Russian

Notes:

Assessment of courses
Total number of evaluated students: 1

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

Lecturer: doc. Marina Vazanova, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211303/22	**Title of course:** Business Russian for Advanced Students II.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 2.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Presentation of a project – 10 %
The result of a written and oral exam – 70 %

Student workload:
26 h participation in seminars
26 h semester project
26 h written work

Teaching results:
Language knowledge: mastering the basic principles of professional language
Language skills: the student is able to use receptive and productive language skills at the required level. He/she understands longer speeches and conversations, understands a longer professional text with a complex structure, is able to comment adequately on general and professional topics and clearly formulate ideas and attitudes. In written communication the student can create clear, well-arranged and detailed texts on complex topics, demonstrating mastery of compositional techniques, conjunctions and means of cohesion.
Language competencies: flexible, fluent and effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.

Indicative content:
1. Enterprise and business II.
2. License and Franchising.
3. Management.
4. Ethics and communication in business
5. Economy of the Slovak Republic - overview.
6. Economy of the Russian Federation - an overview.
7. Slovak-Russian joint ventures II.
8. Business negotiations in general.
9. Resolution of trade conflicts.
10. Business contract.

11. Russian business partner - characteristics, differences.
12. Case study solution

Support literature:
RECHTORÍKOVÁ, G. 2014. Ruština pre ekonómov I. Bratislava: Vydavateľstvo EKONÓM.
STRELKOVÁ, K. et al. 2011. Sprievodca ekonomickou lexikou. Bratislava: Vydavateľstvo EKONÓM.

Syllabus:

Language whose command is required to complete the course:
Russian

Notes:

Assessment of courses
Total number of evaluated students: 0

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

Lecturer: doc. Marina Vazanova, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE210903/22	**Title of course:** Business Russian for Intermediate Students I.
Type, load and method of teaching activities: **Form of course:** Practical **Recommended load of course (number of lessons):** **Per week:** 2 **Per course:** 26 **Method of study:** present	
Number of credits: 3	
Recommended semester/trimester of study: 3.	
Degree of study: I.	
Prerequisites:	
Requirements to complete the course: Activity at seminars – 20 % Assessment of homework assignments – 20 % Results of a final written exam – 60 %	
Student workload: 26 h participation in seminars 26 h semester project 26 h written work	
Teaching results: Language knowledge: mastering the basic principles of professional language. Language skills: the student is able to use receptive and productive language skills at the required level and is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for private and professional life. Language competencies: effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.	
Indicative content: 1. How to get a job? 2. Work, job opportunities. 3. Profession. 4. Curriculum vitae and personal documents. 5. Curriculum vitae. 6. Cover letter. 7. Job interview. 8. Establishment of the company - name, logo, contact details. 9. Company history. 10. Vacancies in the company. 11. Employee requirements. 12. Semester project.	

Support literature:
DZIVÁKOVÁ, M. 2020. Ruský jazyk pre mierne pokročilých I. Bratislava: Vydavateľstvo EKONÓM.
STRELKOVÁ, K. et al. 2011. Sprievodca ekonomickou lexikou. Bratislava: Vydavateľstvo EKONÓM.

Syllabus:

Language whose command is required to complete the course:
Russian

Notes:

Assessment of courses
Total number of evaluated students: 70

A	B	C	D	E	FX
42.86	32.86	17.14	2.86	4.29	0.0

Lecturer: Mgr. Michaela Dziváková, PhD., doc. PhDr. Mgr. Tatjana Grigorjanová, CSc.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211003/22	**Title of course:** Business Russian for Intermediate Students II.
Type, load and method of teaching activities: **Form of course:** Practical **Recommended load of course (number of lessons):** **Per week:** 2 **Per course:** 26 **Method of study:** present	
Number of credits: 3	
Recommended semester/trimester of study: 4.	
Degree of study: I.	
Prerequisites:	
Requirements to complete the course: Activity at seminars – 20 % Assessment of homework assignments – 10 % Results of a final written test and oral exam – 70 %	
Student workload: 26 h participation in seminars 26 h semester project 26 h written work	
Teaching results: Language knowledge: mastering the basic principles of professional language. Language skills: the student is able to use receptive and productive language skills at the required level and is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for private and professional life. Language competencies: effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.	
Indicative content: 1. Getting to know the company. 2. Reason for founding a company. 3. Company goals. 4. Characteristics of the company. 5. Limited Liability Companies. 6. Joint stock companies. 7. Company activity. 8. Business plan. 9. Company structure. 10. Provided products and services of the company. 11. Slovak-Russian joint ventures. 12. Semester project.	

Support literature:
DZIVÁKOVÁ, M. 2020. Ruský jazyk pre mierne pokročilých I. Bratislava: Vydavateľstvo EKONÓM.
STRELKOVÁ, K. et al. 2011. Sprievodca ekonomickou lexikou. Bratislava: Vydavateľstvo EKONÓM.

Syllabus:

Language whose command is required to complete the course:
Russian

Notes:

Assessment of courses
Total number of evaluated students: 41

A	B	C	D	E	FX
43.9	17.07	19.51	12.2	7.32	0.0

Lecturer: Mgr. Michaela Dziváková, PhD., doc. PhDr. Mgr. Tatjana Grigorjanová, CSc.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KRaSJ FAJ/ IJE211201/22	**Title of course:** Business Slovak for Advanced Students I.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 1.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Assessment of homework assignments – 20 %
Results of a final written test and oral exam – 60 %

Student workload:
26 h participation in seminars
26 h semester project
26 h written work

Teaching results:
Language knowledge: mastering the basic principles of professional language.
Language skills: the student is able to use receptive and productive language skills at the required level. He/she understands longer speeches, conversations, a longer professional text with a complex structure. The student can adequately comment on general and professional topics and clearly formulate ideas and attitudes. In written communication he/she can create clear, well-arranged and detailed texts on complex topics, demonstrating mastery of compositional techniques, conjunctions and means of cohesion.
Language competencies: flexible and effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.

Indicative content:
1. Internal communication.
2. External communication.
3. Communication in the workplace.
4. Trends in economic development.
5. What exactly is economics?
6. Products and the world of the brand.
7. Enterprise and business.
8. Company costs and company finances.
9. Business plan.
10. Marketing.
11. Management.

12. Case study.

Support literature:
KVAPIL, R. 2016. Slovenčina pre ekonómov I. Bratislava: Vydavateľstvo EKONÓM. ISBN 978-80-225-4286-9

Syllabus:

Language whose command is required to complete the course:
Slovak

Notes:

Assessment of courses
Total number of evaluated students: 26

A	B	C	D	E	FX
30.77	23.08	15.38	23.08	7.69	0.0

Lecturer: PhDr. Roman Kvapil, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211301/22	**Title of course:** Business Slovak for Advanced Students II.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 2.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Assessment of homework assignments – 10 %
Results of a final written test and oral exam – 70 %

Student workload:
26 h participation in seminars
26 h semester project
26 h written work

Teaching results:
Language knowledge: mastering the basic principles of professional language
Language skills: the student is able to use receptive and productive language skills at the required level. He/she understands longer speeches and conversations, understands a longer professional text with a complex structure, is able to comment adequately on general and professional topics and clearly formulate ideas and attitudes. In written communication the student can create clear, well-arranged and detailed texts on complex topics, demonstrating mastery of compositional techniques, conjunctions and means of cohesion.
Language competencies: flexible, fluent and effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.

Indicative content:
1. How to get a job?
2. Profession and requirements for the performance of the profession.
3. Obligations of the employer and the employee.
4. Job interview.
5. Official letters and advertisements.
6. Application, CV and resignation.
7. Business correspondence.
8. STN standards for writing official letters.
9. Communication in the bank.
10. Communication at the post office.

11. Communication at the Foreign Police.
12. Case study.

Support literature:
KVAPIL, R., ULIČNÁ, M. 2018. Slovenčina pre ekonómov II. Bratislava: Vydavateľstvo EKONÓM. ISBN 978-80-225-4487-0.

Syllabus:

Language whose command is required to complete the course:
Slovak

Notes:

Assessment of courses
Total number of evaluated students: 8

A	B	C	D	E	FX
0.0	37.5	37.5	25.0	0.0	0.0

Lecturer: PhDr. Roman Kvapil, PhD., PaedDr. Ján Keresty, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211204/22	**Title of course:** Business Spanish for Advanced Students I.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 1.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
20 % Activity at seminars
20 % Homework assignments
60 % Results of the final written exam

Student workload:
78h
26h participation in the seminars
26h preparation for the seminars
26h preparation for the exam

Teaching results:
Language knowledge: mastering the basic principles of professional language.
Language skills: the student is able to use receptive and productive language skills at the required level. He/she understands longer speeches, conversations, a longer professional text with a complex structure. The student can adequately comment on general and professional topics and clearly formulate ideas and attitudes. In written communication he/she can create clear, well-arranged and detailed texts on complex topics, demonstrating mastery of compositional techniques, conjunctions and means of cohesion.
Language competencies: flexible and effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.

Indicative content:
1. Basic types of Spanish business companies
2. Spanish companies in Slovakia
3. Business communication
4. Business letter
5. Human resources management
6. Recruitment process
7. Labour market, unemployment
8. Labour market in Spain and Spanish-speaking countries
9. Marketing
10. Products and world brands

11. Market research
12. Internet sales

Support literature:
de Prada, M., Bovet, M. & Marcé, P. Entorno empresarial. Edelsa, 2014
Spišiaková, M., Varela Cano, D.P., Tužinská, S. Pavliková, Ž. Španielsky jazyk pre ekonómov, diplomatov a mediátorov 2. Tribun EU s.r.o, 2020
Etapas plus. C1. VVAA (2019). Etapas Plus. C1. Edinumen
Kol.autorov Lingea, Lexicon 7 Španielsky ekonomický slovník. ISBN: 978-80-7508-576-4
Current study materials from magazines, newspapers, and the Internet.

Syllabus:

Language whose command is required to complete the course:
Spanish

Notes:

Assessment of courses
Total number of evaluated students: 0

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

Lecturer:

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211304/22	**Title of course:** Business Spanish for Advanced Students II.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 2.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
20 % activity at seminars
10 % presentation of a project
70 % the result of a written and oral exam

Student workload:
78h
26h participation in the seminars
26h preparation for the seminars
26h preparation for the exam

Teaching results:
Language knowledge: mastering the basic principles of professional language
Language skills: the student is able to use receptive and productive language skills at the required level. He/she understands longer speeches and conversations, understands a longer professional text with a complex structure, is able to comment adequately on general and professional topics and clearly formulate ideas and attitudes. In written communication the student can create clear, well-arranged and detailed texts on complex topics, demonstrating mastery of compositional techniques, conjunctions and means of cohesion.
Language competencies: flexible, fluent and effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.

Indicative content:
1. Trends in the development of the current economy
2. Trends in the development of the economy in Spanish-speaking countries
3. Company management
4. Company revenues and expenditures
5. Company budget
6. Subsidies for business development
7. Tax system
8. Banking system
9. Banking products

10. Foreign trade
11. Foreign investment
12. Logistics and transport

Support literature:
de Prada, M., Bovet, M. & Marcé, P. Entorno empresarial. Edelsa, 2014
Spišiaková, M., Varela Cano, D.P., Tužinská, S. Pavliková, Ž. Španielsky jazyk pre ekonómov, diplomatov a mediátorov 2. Tribun EU s.r.o, 2020
Etapas plus. C1. VVAA (2019). Etapas Plus. C1. Edinumen
Kol.autorov Lingea, Lexicon 7 Španielsky ekonomický slovník. ISBN: 978-80-7508-576-4
Current study materials from magazines, newspapers, and the Internet.

Syllabus:

Language whose command is required to complete the course:
Spanish

Notes:

Assessment of courses
Total number of evaluated students: 0

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

Lecturer:

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE210904/22	**Title of course:** Business Spanish for Intermediate Students I.
Type, load and method of teaching activities: **Form of course:** Practical **Recommended load of course (number of lessons):** **Per week:** 2 **Per course:** 26 **Method of study:** present	
Number of credits: 3	
Recommended semester/trimester of study: 3.	
Degree of study: I.	
Prerequisites:	
Requirements to complete the course: 20 % activity at seminars 20 % assessment of homework assignments 60 % results of the final written exam	
Student workload: 78h 26h participation in the seminars 26h preparation for the seminars 26h preparation for the exam	
Teaching results: Language knowledge: mastering the basic principles of professional language. Language skills: the student is able to use receptive and productive language skills at the required level and is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for private and professional life. Language competencies: effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.	
Indicative content: 1. Curriculum vitae 2. Cover letter 3. Recruitment process 4. Job interview 5. Hiring a new employee. 6. Work environment 7. Mail communication 8. Telephone communication 9. Advertising 10. Marketing 11. Product 12. Brand	

Support literature:
Spišiaková, M., Varela Cano, D.P., Tužinská, S. Pavliková, Ž. Španielsky jazyk pre ekonómov, diplomatov a mediátorov 1. Tribun EU s.r.o, 2020
Prada de, M., Marcé, P. Entorno laboral. Edelsa 2017
Kol.autorov Lingea, Lexicon 7 Španielsky ekonomický slovník. ISBN: 978-80-7508-576-4
Current study materials from magazines, newspapers, and the Internet.

Syllabus:

Language whose command is required to complete the course:
Spanish

Notes:

Assessment of courses
Total number of evaluated students: 40

A	B	C	D	E	FX
22.5	5.0	17.5	17.5	32.5	5.0

Lecturer: Ing. Allan Jose Sequeira Lopez, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KRaSJ FAJ/ IJE211004/22	**Title of course:** Business Spanish for Intermediate Students II.

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 4.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
20 % activity at seminars
10 % presentation of a project
70 % the result of a written and oral exam

Student workload:
78h
26h participation in the seminars
26h preparation for the seminars
26h preparation for the exam

Teaching results:
Language knowledge: mastering the basic principles of professional language.
Language skills: the student is able to use receptive and productive language skills at the required level and is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for private and professional life.
Language competencies: effective use of acquired language skills which are necessary for student's successful application in practice and for social, academic or professional purposes.

Indicative content:
1. Workplace relations, work team
2. Corporate culture
3. Work meeting
4. Preparing a business trip (transport, accommodation, meals)
5. Business trip
6. Company presentation
7. Product presentation
8. Negotiations with partners
9. Conclusion of a business contract
10. Withdrawal from a contract
11. Complaint and claim
12. Organizing a congress / a trade fair

Support literature:
Spišiaková, M., Varela Cano, D.P., Tužinská, S. Pavliková, Ž. Španielsky jazyk pre ekonómov, diplomatov a mediátorov 1. Tribun EU s.r.o, 2020
Prada de, M., Marcé, P. Entorno laboral. Edelsa 2017
Kol.autorov Lingea, Lexicon 7 Španielsky ekonomický slovník. ISBN: 978-80-7508-576-4
Current study materials from magazines, newspapers, and the Internet.

Syllabus:

Language whose command is required to complete the course:
Spanish

Notes:

Assessment of courses
Total number of evaluated students: 19

A	B	C	D	E	FX
26.32	15.79	26.32	10.53	21.05	0.0

Lecturer: Ing. Allan Jose Sequeira Lopez, PhD.

Date of the latest change: 26.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KAJ FAJ/IJA215010/21	**Title of course:** CJ 1 - Business English for Advanced Students I.(12)

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 1.

Degree of study: I., N

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Assessment of homework -20 %
The result of a final written test – 60 %

Student workload:
78h (participation in seminars 26 h, preparation for seminars 26 h, preparation for the exam 26 h)

Teaching results:
Learning outcomes: Knowledge:
- acquisition of theoretical knowledge of the characteristics and basic features of the English professional language.
- the student can characterise and identify the basic features of professional language in a text and knows the principles of the production of professional economic texts in theoretical and practical terms.

Competences:
- know the basic principles of the functioning of professional language,
- the student can use receptive and productive language skills at the required level,
- understands longer speeches and conversations; understands longer professional texts with a complex structure; can express himself/herself adequately on general and professional topics and formulate ideas and attitudes clearly,
- in writing, can produce clear, well-organized, and detailed text on complex professional economic topics, demonstrating mastery of compositional techniques, connective expressions, and means of cohesion,
- use flexibly and effectively the acquired linguistic knowledge, which is essential for the student's successful application in practice, for professional purposes.

Skills:
- apply the acquired skills in working with professional texts, e.g. seminar papers, final thesis, case studies,
- apply appropriate linguistic strategies related to the production of professional texts (use of appropriate lexical, stylistic, morphosyntactic devices) in the target language,

- acquiring the ability to consciously distinguish appropriate from inappropriate linguistic devices in professional economic communication (colloquial expressions, syntactically incomplete sentences, imprecise, ambivalent expressions, etc.).

Indicative content:
- how inventors think, first impressions, networking
- production and consumption, which includes sharing, renting, reusing, repairing, refurbishing, and recycling existing materials and products for as long as possible, product lifecycle, effective working meetings, decision making, problem-solving
- financial investment, negotiations, marketing, customer relationship
- communication skills, employment trends, conflict resolution
- disruptive factors in business, business ethics, and corporate social responsibility
- brainstorming, meeting management
- case study solving, business workshop

Support literature:
1. Dubicka, I., Rosenberg, M., O´Keeffe, M., Dignen, B., Hogan, M. (2020) Business Partner C1. Your Employability Trainer. Harlow: Pearson Education Limited. ISBN 978-1-292-24862-2
2. Dubicka, I.O´Keeffe, M. Market Leader Advanced. Pearson Education Limited. 3rd edition. ISBN-13: 978-1408237038
3. Trappe, T., Tullis, G. (2016) Intelligent Business Advanced. Pearson Education Limited. 2016 ISBN 978-1-4082-5597-1
4. MacKenzie, I. (2010) English for Business Studies. A course for Business Studies and Economics students. Cambridge: Cambridge University Press, 2010. ISBN 978-0-521-74341-9
Doplňujúca literatúra:
1. Allison, J., Appleby, R., Chazal de, E. (2009) The Business Advanced. Oxford: Macmillan. ISBN 978-0-230-02151-8
2. Baade, K., Holloway, Ch., Hughes, J., Scrivener, J., Turner, R. (2018) Business Results. Advanced. Oxford: Oxford University Press. 2nd edition. ISBN 978-0-19-473906-1.
3. Financial Times,
4. The Economist

Syllabus:

Language whose command is required to complete the course:
English

Notes:

Assessment of courses
Total number of evaluated students: 502

A	B	C	D	E	FX
10.36	15.74	19.72	23.31	22.31	8.57

Lecturer: Mgr. Michaela Grinaj, PhD., PaedDr. Darina Halašová, PhD., PaedDr. Zuzana Hrdličková, PhD., Mgr. Ivana Kapráliková, PhD., Ing. Mgr. Sonia Krajčík Danišová, PhD., Mgr. Linda Krajčovičová, PhD., PhDr. Eva Maierová, PhD., PaedDr. Žaneta Pavlíková, PhD., PaedDr. Eva Stradiotová, PhD., Mgr. Natalia Shumeiko, PhD., Dr. habil. PhDr. Ildikó Némethová, PhD., PaedDr. Alexandra Mandáková, PhD., Mgr. Richard Kravec

Date of the latest change: 11.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the

delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KAJ FAJ/IJA215380/21	**Title of course:** CJ 1 - Business English for Advanced Students II.(13)

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 2.

Degree of study: I., N

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Assessment of homework -10 %
The result of a final exam – 70 %

Student workload:
78h (participation in seminars 26 h, preparation for seminars 26 h, preparation for the exam 26 h)

Teaching results:
Knowledge:
- acquisition of theoretical knowledge of the characteristics and basic features of the English professional language.
- the student can characterise and identify the basic features of professional language in a text and knows the principles of the production of professional economic texts in theoretical and practical terms.

Competences:
- know the basic principles of the functioning of professional language,
- the student can use receptive and productive language skills at the required level,
- understands longer speeches and conversations; understands longer professional texts with a complex structure; can express himself/herself adequately on general and professional topics and formulate ideas and attitudes clearly,
- in writing, can produce clear, well-organized, and detailed text on complex professional economic topics, demonstrating mastery of compositional techniques, connective expressions, and means of cohesion,
- use flexibly and effectively the acquired linguistic knowledge, which is essential for the student's successful application in practice, for professional purposes.

Skills:
- apply the acquired skills in working with professional texts, e.g. seminar papers, final thesis, case studies,
- apply appropriate linguistic strategies related to the production of professional texts (use of appropriate lexical, stylistic, morphosyntactic devices) in the target language,

- acquiring the ability to consciously distinguish appropriate from inappropriate linguistic devices in professional economic communication (colloquial expressions, syntactically incomplete sentences, imprecise, ambivalent expressions, etc.).

Indicative content:
- marketing strategies, data presentation, relationship building, advertising
- presentation, networking, communication skills
- impact of tourism on the economy, operational consulting, strategy, goals and values
- conflicts in the workplace, conflict resolution
- entrepreneurs, online entrepreneurship, start-ups
- performance evaluation, self-assessment

Support literature:
1. Dubicka, I., Rosenberg, M., O´Keeffe, M., Dignen, B., Hogan, M. (2020) Business Partner C1. Your Employability Trainer. Harlow: Pearson Education Limited. ISBN 978-1-292-24862-2
2. Dubicka, I.O´Keeffe, M. Market Leader Advanced. Pearson Education Limited. 3rd edition. ISBN-13: 978-1408237038
3. Trappe, T., Tullis, G. (2016) Intelligent Business Advanced. Pearson Education Limited. 2016 ISBN 978-1-4082-5597-1
4. MacKenzie, I. (2010) English for Business Studies. A course for Business Studies and Economics students. Cambridge: Cambridge University Press, 2010. ISBN 978-0-521-74341-9
Doplňujúca literatúra:
1. Allison, J., Appleby, R., Chazal de, E. (2009) The Business Advanced. Oxford: Macmillan. ISBN 978-0-230-02151-8
2. Baade, K., Holloway, Ch., Hughes, J., Scrivener, J., Turner, R. (2018) Business Results. Advanced. Oxford: Oxford University Press. 2nd edition. ISBN 978-0-19-473906-1.
3. Financial Times,
4. The Economist

Syllabus:

Language whose command is required to complete the course:
English

Notes:

Assessment of courses
Total number of evaluated students: 261

A	B	C	D	E	FX
11.88	20.31	19.54	21.46	13.79	13.03

Lecturer: PhDr. Eva Maierová, PhD., PaedDr. Alexandra Mandáková, PhD., PaedDr. Eva Stradiotová, PhD., PaedDr. Žaneta Pavlíková, PhD., Mgr. Ivana Kapráliková, PhD., Mgr. Linda Krajčovičová, PhD., Mgr. Richard Kravec, Mgr. Natalia Shumeiko, PhD., Mgr. Ján Strelinger, PhD., doc. Svitlana Goloshchuk, PhD., Mgr. Beáta Biliková, PhD.

Date of the latest change: 11.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin

Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KAJ FAJ/IJA215460/21	**Title of course:** CJ 2 - Business English for Intermediate Students I (9)

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 3.

Degree of study: I., N

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Assessment of homework -20 %
Results of a final written test and oral exam – 60 %

Student workload:
78h (participation in seminars 26 h, preparation for seminars 26 h, preparation for the exam 26 h)

Teaching results:
Language knowledge: to know the basic principles of professional language.
Language skills: the student is able to use receptive and productive language skills at the required level, is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for the private and professional life.
Language competencies: to use effectively acquired language skills, which are necessary for the successful student´s application in practice and for social, academic or professional purposes

Indicative content:
• Career plan, organisation, career path
• Job interview, communication skills, work meeting
• Company structure, brand, presentation
• Company presentation, PEST analysis
• Problem solving in the company
• Negotiation, communication skills

Support literature:
Cotton, D., Falvey, D., Kent, S.: Market Leader Intermediate, Pearson Education Limited, Harlow, 2010, ISBN 978-1-4082-3707-6
Cotton, D., Falvey, D., Kent, S.: Market Leader Pre-Intermediate, Pearson Education Limited, Harlow, 2012, ISBN 978-1-408-23695-6
O´Keeffe, M., Lansford, L., Wright, R., Powell, M., Wright, L. Business Partner A2+. Harlow: Pearson Education Limited. 2019. ISBN 978-1-292-23353-6
Dubicka, I., O´Keffee, M., Dignen, B. Hogan, M., Wright, L. Business Partner B1+. Harlow: Pearson Education Limited. 2018. ISBN 978-1-292-23355-0

Syllabus:

Language whose command is required to complete the course:
English

Notes:

Assessment of courses
Total number of evaluated students: 18

A	B	C	D	E	FX
22.22	22.22	27.78	27.78	0.0	0.0

Lecturer: PaedDr. Alexandra Mandáková, PhD., PaedDr. Žaneta Pavlíková, PhD., PaedDr. Eva Stradiotová, PhD.

Date of the latest change: 11.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KAJ FAJ/IJA215400/21	**Title of course:** CJ 2 - Business English for Intermediate Students II (10)

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 3

Recommended semester/trimester of study: 4.

Degree of study: I., N

Prerequisites:

Requirements to complete the course:
Activity at seminars – 20 %
Assessment of homework -10 %
Results of a final written test and oral exam – 70 %

Student workload:
78h (participation in seminars 26 h, preparation for seminars 26 h, preparation for the exam 26 h)

Teaching results:
Language knowledge: to know the basic principles of professional language.
Language skills: the student is able to use receptive and productive language skills at the required level, is able to create a clear comprehensible text on professional topics, he/she understands the main ideas in a clear standard speech, understands texts, is able to react in various situations which are typical for the private and professional life.
Language competencies: to use effectively acquired language skills, which are necessary for the successful student´s application in practice and for social, academic or professional purposes

Indicative content:
• Stress in the workplace, negotiations, e-business
• Presenting data and numbers, numerals
• Non-committal social conversation, team building, collaboration
• Welcoming guests, innovation, young entrepreneurs
• Ecology, feedback, working abroad

Support literature:
Cotton, D., Falvey, D., Kent, S.: Market Leader Intermediate, Pearson Education Limited, Harlow, 2010, ISBN 978-1-4082-3707-6
Cotton, D., Falvey, D., Kent, S.: Market Leader Pre-Intermediate, Pearson Education Limited, Harlow, 2012, ISBN 978-1-408-23695-6
O´Keeffe, M., Lansford, L., Wright, R., Powell, M., Wright, L. Business Partner A2+. Harlow: Pearson Education Limited. 2019. ISBN 978-1-292-23353-6
Dubicka, I., O´Keffee, M., Dignen, B. Hogan, M., Wright, L. Business Partner B1+. Harlow: Pearson Education Limited. 2018. ISBN 978-1-292-23355-0

Syllabus:

Language whose command is required to complete the course:
English

Notes:

Assessment of courses
Total number of evaluated students: 9

A	B	C	D	E	FX
0.0	55.56	11.11	11.11	22.22	0.0

Lecturer: PaedDr. Alexandra Mandáková, PhD., PaedDr. Žaneta Pavlíková, PhD., PaedDr. Eva Stradiotová, PhD.

Date of the latest change: 11.12.2021

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KPF FPM/IME21025/21	**Title of course:** Corporate Finance

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 5

Recommended semester/trimester of study: 4.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
6 % continuous student activity during the semester, 24 % written test, 70 % final written exam (4 open theoretical questions, each focusing on a different area of financial management and 2 examples)
Student's workload (in hours):
student workload: 130 h (attendance at lectures 26 h, attendance at seminars 26 h, preparation for seminars including homework 20 h, preparation for credit paper 14 h, preparation for exam 44 h)

Student workload:

Teaching results:
Knowledge:
• Students will acquire a set of knowledge and methods that will enable them to independently orient themselves in the issue of financial management of enterprises. After completing the subject Corporate Finance, students will be able to understand the basic areas of financial management of the enterprise, on the basis of the acquired knowledge they will be able to analyze the sources of financing of the enterprise and in the case of additional need for additional resources and to propose options for obtaining these resources so that it would be effective for the enterprise in terms of the cost of obtaining sources of financing and efforts to minimize them. In addition to the traditional standard forms of financing, students will also be able to propose financing through so-called alternative sources of financing. In the case of new investments of an enterprise, the student will be able to analyse the suitability and profitability of the projects for the enterprise by means of several methods of evaluation of investment projects on the basis of the acquired knowledge. In the course, the student will also acquire basic knowledge in the field of financial analysis of the enterprise and financial planning, which is necessary for successful completion of subsequent courses in subsequent years of study.
Competence:
• to be familiar with the basic issues of corporate financial management,
• to propose options for financing business activities,
• analyse, assess and make effective decisions within the framework of individual financing options in terms of several factors (cost of capital, availability of financial resources, administrative complexity in obtaining them, etc.),
• propose the use of alternative sources of financing,

• assess the effectiveness of investment project options and select the optimal option in the light of the chosen decision criterion.
Skill:
• analyze and quantify the cost of capital of the enterprise,
• quantify the need for financial resources, then analyse the profitability of different options for sources of enterprise financing,
• analyse the solvency of the enterprise,
• analyse and evaluate the economic efficiency of investment projects through dynamic methods of evaluating the efficiency of investment projects,
• assess the possibilities of using alternative forms of financing (venture capital, subsidies, euro funds).

Indicative content:
Thematic definition of lectures:
1. Development, characteristics and content of corporate finance.
2. Financing of the enterprise, its property, financial and capital structure.
3. Acquisition of equity capital from external sources.
4. Raising equity capital from internal sources.
5. Acquisition of long-term and medium-term capital by means of credit.
6. Obtaining financial resources from short-term loans.
7. Financial support of enterprises from public sources.
8. Placement (allocation) of capital in fixed tangible and intangible assets.
9. Financial investment of an enterprise.
10. Financing of current assets of the enterprise, their characteristics and structure.
11. Factors influencing the exchange rate in the long and short term.
12. Determination of enterprise value.
13. Financial analysis and planning of the enterprise.
Thematic definition of exercises:
1. Cash flow
2. Time value of money
3. Financial and capital structure of the enterprise
4. Raising equity capital from external sources
5. Raising equity capital from internal sources
6. Acquisition of equity from internal sources
7. Obtaining financial resources through loans
8. Financing businesses through the use of finance leases
9. Comparison of financing through leasing and credit
10. Placement of capital in fixed assets
11. Evaluating the efficiency of investment projects
12. Evaluation of the riskiness of investment projects
13. Financial investments of the enterprise

Support literature:
Basic literature:
1. BREALEY, Richard - MYERS, Stewart C. - MARCUS, Alan J. Fundamentals of Corporate Finance. Kindle Edition, 2012. 784 s. ISBN 978-0078034640.
Supplementary literature:
1. BERK, Jonathan - DEMARZO, Peter. Corporate Finance. Harlow : Pearson, 2020. 1181 s. ISBN 978-1292-30415-1.
2. VINCZEOVÁ, Miroslava - KRIŠTOFÍK, Peter. Corporate finance. Banská Bystrica : Matej Bel University, 2013. 133 s. ISBN 978-80-557-0490-6.

3. CORRELI, Angelo. Analytical Corporate Finance. New York : Springer International Publishing AG, 2018. 501 s. ISBN 3319957619.

Syllabus:

Thematic definition of lectures:

1. Development, characteristics and content of corporate finance. Content, principles and procedures of corporate financial management. Basic categories used in financial management. Financial policy of the enterprise and financial objectives of the business activity. Financial decision-making of the enterprise.
2. Financing of the enterprise, its property, financial and capital structure. Necessary amount of capital of the enterprise. Capital structure. Structure of financial resources of the enterprise. Optimal financial structure of the enterprise.
3. Acquisition of equity capital from external sources. Deposits of owners. Venture (risk) capital entry. Raising equity capital in venture capital companies. Shares and their types, ordinary, preference and employee shares. Technique of share issue.
4. Raising equity capital from internal sources. Financing corporate needs from profits. Method of quantifying profit. Distribution of profits: taxes, dividends, formation of reserve funds. Self-financing of the enterprise. Pension funds. Financing of corporate needs from depreciation. Depreciation as a source of financing. Depreciation policy of the state and enterprises. Other internal sources of financing.
5. Acquisition of long-term and medium-term capital by means of credit. Issuance of corporate bonds, their types, coverage, yield and repayment. Financial credits: term loans, mortgage loans, revolving loans, export credits. Supplier loans. Special forms of credit: leasing, forfaiting, franchising.
6. Obtaining financial resources from short-term loans. Trade credit. Promissory note as an instrument of trade credit. Fixed and non-fixed liabilities, advances, issue of commercial paper, short-term bank loans. Factoring as a form of short-term financing.
7. Financial support of enterprises from public sources. Reasons and factors for targeting financial support. Direct and indirect forms of support. Financial support of enterprises in the Slovak Republic, entities and programmes. Forms and objectives of the European Union subsidy policy.
8. Placement (allocation) of capital in fixed tangible and intangible assets. Characteristics of financial aspects of investment. Methods of selecting a suitable variant of an investment project. The impact of inflation on investment decision-making. Selection of an investment project in the capital budget. Financing of major investment projects.
9. Financial investment of an enterprise. Investing capital in financial assets. The role and instruments of the financial market. Criteria for financial investment. Portfolio of securities. Strategic objectives of corporate financial investment.
10. Financing of current assets of the enterprise, their characteristics and structure. Management of inventories, receivables and prompt cash. Cash cycle.
11. Factors influencing the exchange rate in the long and short term. Management of the enterprise's currency risks.
12. Determination of enterprise value. Motives for determining the value of an enterprise. Basic information inputs and factors. Methods of enterprise value determination. Valuation of business assets in special conditions.
13. Financial analysis and planning of the enterprise. The importance and roles of financial analysis in the management of corporate finance. Retrospective financial analysis. New criteria for assessing business performance - economic value added (EVA) and market value added (MVA). Predictive financial analysis. Definition of the nature and tasks of a financial plan. Structure, content and process of financial plan development. Characteristics of the different parts

of the financial plan. Methods and models for the development of a company's financial plan. Control of implementation, adjustments and changes to the plan...
Thematic definition of exercises:
1. Cash flow - cash flow of the enterprise. Calculation of cash flow by direct and indirect methods. Analysis of financial ratios - specifically liquidity ratios.
2. Time value of money - future value of money (interest earner, saver, funder), present value of money (de-interest earner, funder, redeemer). The impact of inflation and taxation of interest income on the time value of money.
3. Financial and capital structure of the enterprise - costs related to the commitment of the individual components of capital, cost of equity capital, cost of foreign capital, calculation of the average nominal and real cost of capital.
4. Raising equity capital from external sources - shares and their value (nominal, book, market, etc.), share issue and subscription right - calculation of subscription right in case of additional share issue, subscription right price, new average market price of shares after issue.
5. Raising equity capital from internal sources - financing the company from profits. Factors influencing the formation of the economic result. Taxation of the economic result - adjustment of the economic result to the tax base by means of the so-called addable and deductible items, calculation of the economic result after taxation, distribution of profit.
6. Acquisition of equity from internal sources - types of depreciation (tax, accounting), difference between them. Calculation of depreciation through accounting depreciation methods (straight-line, progressive, declining, uneven).
7. Obtaining financial resources through loans. Establishment of the most commonly used loan repayment plans (repayment plan with the same amount of repayment, with the same amount of total payment, with a regularly increasing repayment, etc.).
8. Financing businesses through the use of finance leases - calculation of the lease price, down payment, lease payment. Application of leasing in financing the acquisition of fixed assets of the enterprise.
9. Comparison of financing through leasing and credit. Conversion of costs related to leasing and credit to present value, selection of an efficient form of financing (in terms of the criterion of cost minimization).
10. Placement of capital in fixed assets - types of investment projects, calculation of basic economic parameters of investment projects (capital expenditures, expected cash receipts, useful life).
11. Evaluating the efficiency of investment projects through methods of evaluating the efficiency of investment projects, with the main focus on dynamic methods (net present value, internal rate of return, as a complementary method payback period with time update).
12. Evaluation of the riskiness of investment projects - use of basic statistical methods in the analysis of the riskiness of investment projects (standard deviation, coefficient of variation). Comparison of the riskiness of several investment projects.
13. Financial investments of the enterprise - basic methodology of calculating the market price of securities (bonds, preferred and common shares). Calculation of expected return and riskiness of securities.

Language whose command is required to complete the course:
Slovak

Notes:

Assessment of courses
Total number of evaluated students: 708

A	B	C	D	E	FX
30.65	16.95	17.94	18.79	15.25	0.42

Lecturer:

Date of the latest change: 02.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KAI FHI/IIA21130/21	**Title of course:** Database Systems I

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 3.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
60 % final exam: the exam consists of two parts: a test and an open task to design the database structure for the given environment. The test verifies the achieved level of learning outcomes A., B., C., D., by solving the task, the achieved level of learning outcomes E. and F are verified.
40 % assignments: The content of the exercise is the elaboration and defense of an individual project of database design and implementation in the selected DBMS with SQL interface through several assignments, which are evaluated separately. The overall evaluation is the sum of the points obtained for individual tasks. Through these assignments, the fulfilment of the learning outcomes E., F., G., H. is assessed.

Student workload:
Total study load (in hours): 6 credits x 26 hours = 156 hours
Distribution of study load
Lectures and seminar participation: 52 hours
Preparation for seminars: 13 hours
Written assignments: 51 hours
Final exam preparation: 40 hours

Teaching results:
After completing the course, students should be able to:
A. know the principles and role of database systems
B. understand the process of effective data organization, protection and management
C. understand relational algebra and how queries are performed in relational databases;
D. understand the principles and techniques of concurrent work in database systems
E. analyze business requirements and, based on the results of the analysis, design and implement a standardized, relational data model;
F. work with SQL language in defining, manipulating and updating data, as well as controlling access to database objects.
G. Work with selected DBMSs;
H. Administer selected DBS at a moderate level.

Indicative content:
Course content:
1. Introduction to the subject, history of information storage

2. Reality modelling, ANSI / SPARC architecture, conceptual models.
3. Entity-relationship model.
4. Data models, relational data model.
5. Transformation of conceptual models into logical data models.
6. Normalization and normal forms of relations.
7. Methodology of relational databases design.
8. Physical data models and their implementation in DBS.
9. Relational languages.
10. Data protection in database systems and principles of transaction processing.
11. Concurrency in DBS.
12. Object Oriented DBS.
13. DBS architectures

Support literature:

ŠKURLA, P: Databázové spracovanie. In: PÓLYA, A. a kolektív: Informatika. Bratislava: Vydavateľstvo EKONÓM, 2008, s. 201 - 252. ISBN 978-80-225-2453-7
DATE, C.J: An Introduction to Database Systems (8th Edition), Addison-Wesley, 2003, s. 1024, ISBN: 978-0321197849
Scheber, A. Databázové systémy. Alfa-SNTL, 1988.
Veryard, R. Information Modelling - Practical Guidance. London : Prentice-Hall, 1992.
Veryard, R. Information coordination - The management of Information Models, Systems and Organizations. London : Prentice-Hall, 1994.
TEOREY, J. - Lightstone , S.- Nadeau, T. – Jagadish, H.V: Database Modeling and Design, Fifth Edition: Logical Design, Morgan Kaufmann, 2001, s. 352, ISBN 978-0123820204

Syllabus:

Language whose command is required to complete the course:
slovak

Notes:

Assessment of courses
Total number of evaluated students: 677

A	B	C	D	E	FX
5.17	18.17	31.76	25.7	9.31	9.9

Lecturer: doc. Ing. Martin Mišút, CSc., doc. Ing. Jaroslav Kultan, PhD.

Date of the latest change: 01.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KOVE FHI/ IIB21111/22	**Title of course:** Econometrics I
Type, load and method of teaching activities: **Form of course:** Lecture / Practical **Recommended load of course (number of lessons):** **Per week:** 2 / 2 **Per course:** 26 / 26 **Method of study:** present	
Number of credits: 6	
Recommended semester/trimester of study: 5.	
Degree of study: I.	
Prerequisites:	
Requirements to complete the course: individual work and continuous tests 30%, project for the final exam 30% final exam 40%	
Student workload: student workload: 156 h, participation in lectures 26 h, participation in seminars 26 h, elaboration of a semester project 52 h, preparation for the final exam 52 h	
Teaching results: Upon successful completion of this course, students will have knowledge of the econometric approach to the analysis, modeling and prediction of economic phenomena and processes and should be able to use the basics of econometric techniques. Students will gain practical skills and competencies with the application of econometric methods in the analysis of economic problems using software R.	
Indicative content: Course contents - schedule for 13 weeks of the semester 1. Characteristics of econometric approach to the analysis of economic phenomena. Econometric model. Phases of econometric modeling 2. Two-variable regression model. Deterministic and stochastic part of the model, nature of stochastic term. Standard assumptions of a linear model. 3. Estimation of linear model parameters. Statistical properties of estimators. Least squares method. Properties of the least squares method. 4. General linear model. Model in matrix form. Least squares method for k-variable model. 5. Model verification. Coefficient of determination. Testing the statistical significance of individual parameters of the model. Interval estimation and hypothesis testing. 6. Functional forms of regression models – log-log model, semi-log models, reciprocal models. 7. Qualitative variables and their modeling. 8. Regression on dummy variables. Seasonality, fluctuations, structural breaks, and their testing. 9. Violations of the assumptions of the classical model. Autocorrelation – detecting and implications. 10. Violations of the assumptions of the classical model. Autocorrelation – solving, model dynamization and generalized least squares method.	

11. Violations of the assumptions of the classical model. Heteroskedasticity – detecting and implications, solving, weighted least squares method.
12. Violations of the assumptions of the classical model. Multicollinearity – detecting and implications, solution options.
13. Forecasting with single-equation model. Forecasting error. Confidence interval for the forecasts.

Support literature:

1. Lukáčiková, A., Lukáčik, M., Szomolányi, K.: Úvod do ekonometrie s jazykom R. Bratislava: Letra Edu, 2022
2. Lukáčiková, A., Lukáčik, M., Szomolányi, K.: Ekonometria 1. Bratislava: Ekonóm, 2013
3. Lukáčik, M., Lukáčiková, A., Szomolányi, K.: Ekonometrické modelovanie v programoch EViews a Gretl. Bratislava: Ekonóm, 2011
4. Gujarati, D., Porter, D. Gunasekar, S.: Basic Econometrics. McGraw 5th ed., New York, 2017
5. Gujarati, D.: Econometrics by Example 2nd ed., Red Globe Press, 2014
6. Wooldridge, J.: Introductory Econometrics: A Modern Approach 7th ed., Cengage Learning, 2019
7. Stock, J., Watson, M.: Introduction to Econometrics 4th ed., Pearson, 2018

Syllabus:

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

Notes:

Assessment of courses
Total number of evaluated students: 280

A	B	C	D	E	FX
20.36	16.07	15.0	18.57	28.93	1.07

Lecturer: Ing. Adriana Lukáčiková, PhD., prof. Ing. Martin Lukáčik, PhD.

Date of the latest change: 21.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KOVE FHI/ IIB21112/22	**Title of course:** Econometrics II

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 5

Recommended semester/trimester of study: 6.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
individual work and continuous tests 20%
project for the final exam 40%
final exam 40%

Student workload:
student workload: 130 h (participation in lectures 26 h, participation in seminars 26 h, elaboration of a semester project 39 h, preparation for the final exam 39 h)

Teaching results:
Upon successful completion of this course, students will have knowledge of the basic areas of econometric modeling, with emphasis on the study of empirical applications.
Students will gain practical skills and competencies through the development of a project and the implementation of simple empirical research. At the same time, they will gain skills in using the software R.

Indicative content:
1. General linear model with more than one explanatory variables.
2. Structural changes of variables and their consequences on the estimation of models.
3. Introduction to panel data analysis. Pool model. Least Squares Dummy Variable (LSDV).
4. Introduction to panel data analysis. Cross section fixed effects and random effects model.
5. Estimation using instrumental variables, testing of instruments and endogeneity.
6. Introduction to multi-equation models. Two-stage least squares method.
7. Multi-equation models, recursive models, and models with seemingly unrelated regressions.
8. Basic stochastic processes, white noise, random walk and their properties.
9. Autoregressive processes and moving average processes. Box-Jenkins and ARIMA models.
10. Seasonal time series, Box-Jenkins methodology of SARIMA models.
11. Stationarity of processes and its testing using unit root tests.
12. Non-stationarity of processes with respect to mean and variance, transformation of time series generated by non-stationary processes, differentiation and logarithmization.
13. Co-integration of non-stationary time series, Engle and Granger procedure, error correction models and their estimation.

Support literature:

1. Lukáčiková, A., Lukáčik, M., Szomolányi, K.: Úvod do ekonometrie s jazykom R. Bratislava: Letra Edu, 2022
2. Brooks, C.: Introductory Econometrics for Finance, 4th ed. Cambridge University Press, 2019
3. Stewart, K.G.: Introduction to Applied Econometrics. Thomson, Brooks/Cole, 2005
4. Levendis, J. D.: Time Series Econometrics: Learning Through Replication. Springer, 2018
5. Hill, R.C., Griffiths, W.E., Lim, G.C.: Principles of Econometrics, 5th ed. John Wiley, 2018
6. Gujarati, D., Porter, D. Gunasekar, S.: Basic Econometrics. McGraw 5th ed, New York, 2017

Syllabus:

1. General linear model with more than one explanatory variables.
2. Structural changes of variables and their consequences on the estimation of models.
3. Introduction to panel data analysis. Pool model. Least Squares Dummy Variable (LSDV).
4. Introduction to panel data analysis. Cross section fixed effects and random effects model.
5. Estimation using instrumental variables, testing of instruments and endogeneity.
6. Introduction to multi-equation models. Two-stage least squares method.
7. Multi-equation models, recursive models, and models with seemingly unrelated regressions.
8. Basic stochastic processes, white noise, random walk and their properties.
9. Autoregressive processes and moving average processes. Box-Jenkins and ARIMA models.
10. Seasonal time series, Box-Jenkins methodology of SARIMA models.
11. Stationarity of processes and its testing using unit root tests.
12. Non-stationarity of processes with respect to mean and variance, transformation of time series generated by non-stationary processes, differentiation and logarithmization.
13. Co-integration of non-stationary time series, Engle and Granger procedure, error correction models and their estimation.

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

Notes:

Assessment of courses
Total number of evaluated students: 267

A	B	C	D	E	FX
21.35	27.72	21.72	16.1	11.24	1.87

Lecturer: prof. Ing. Martin Lukáčik, PhD., Ing. Adriana Lukáčiková, PhD.

Date of the latest change: 21.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KOVE FHI/ IIB21121/22	**Title of course:** Economic Analysis I

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 4.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
40 % assignments; 60 % final exam

Student workload:
156 hours,
Lectures participation: 26 hours, Seminar participation: 26 hours, Semester work: 42 hours
Preparation for final exam: 62 hours

Teaching results:
The graduate of the course will gain an introduction to the ability to explain the basic economic phenomena by formulating solving and interpreting economic models, especially at the essential (micro) economic level.
Abilities:
- Ability to solve simple economic problems using economic models at the essential (micro) economic level.
Skills:
- Introduction to economic theory; understanding the basic principles of business and consumer behavior, the phenomenon of risk and its impact on economic behavior, understanding the principles of general equilibrium relations in a simple economy (the economy of Robinson Crusoe or the economy of a banana island).
Competencies:
- Ability to evaluate the effects of basic economic policies and shocks, the basic ability to formulate and express the theoretical economic foundations for statistical economic (econometric) analysis, especially at the essential (micro) economic level.

Indicative content:
1. Basic economic terms and measurements
2. The firm’s production analysis
3. Firm behaviour
4. The firm’s cost analysis
5. Behaviour of monopoles and oligopolies
6. Consumer behaviour
7. Comparative statics in the consumption theory

8. Banana island economy
9. Financial impacts on banana Island economy
10. Risk and its impact on economic behaviour of firms and consumers
11. General equilibrium on markets
12. Efficiency and welfare in national economy
13. Model of Robinson Crusoe economy

Support literature:

1. Doepke, M., Lehnert, A., Sellgren, A.W. Macroeconomics. http://faculty.wcas.northwestern.edu/~mdo738/book.htm (október 2019).
2. Wang, Susheng (2018). Microeconomic Theory. Singapore: Springer.
3. Williamson, S. D. (2018). Macroeconomics. Harlow: Pearson.

Syllabus:

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

Notes:

Assessment of courses
Total number of evaluated students: 253

A	B	C	D	E	FX
2.77	7.51	9.49	18.97	53.36	7.91

Lecturer: doc. Ing. Karol Szomolányi, PhD.

Date of the latest change: 21.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KOVE FHI/ IIB21122/22	**Title of course:** Economic Analysis II
Type, load and method of teaching activities: **Form of course:** Lecture / Practical **Recommended load of course (number of lessons):** **Per week:** 2 / 2 **Per course:** 26 / 26 **Method of study:** present	
Number of credits: 5	
Recommended semester/trimester of study: 5.	
Degree of study: I.	
Prerequisites:	
Requirements to complete the course: 40 % assignments; 60 % final exam	
Student workload: 130 hours, Lectures participation: 26 hours Seminar participation: 26 hours Semester work: 30 hours Preparation for final exam: 48 hours	
Teaching results: The graduate of the course will gain an introduction to the ability to explain the basic economic phenomena by formulating solving and interpreting economic models. Abilities: - Ability to solve simple economic problems using economic models. Skills: - Introduction to economic theory; understanding the basic principles of economic growth, business cycles, inflation, money non-neutrality, monetary theory. Competencies: - Ability to evaluate the effects of basic economic policies and shocks, the basic ability to formulate and express the theoretical economic foundations for statistical economic (econometric) analysis, especially.	
Indicative content: 1. Economic performance observations over many periods – economic growth, business cycles and inflation phenomena. 2. Economic growth. 3. Growth model, differences between rich and poor countries. 4. Unemployment, unemployment model. 5. Business cycle models, closed economy. 6. Model of small open economy. 7. Money and business cycles. 8. Money in small open economy model.	

9. Business cycle theories with flexible prices and wages.
10. New Keynesian theory of business cycles.
11. Inflation, Phillips Curve and Neo-Fischer effects.
12. Money, inflation and banks.
13. Monetary economy.

Support literature:

1. Barro, R.J. Macroeconomics – A Modern Approach. Thomson South Western, 2008.
2. Doepke, M., Lehnert, A., Sellgren, A.W. Macroeconomics. http://faculty.wcas.northwestern.edu/~mdo738/book.htm (október 2019).
3. Schmitt-Grohe, S., Uribe, M., Woodford, M. International Macroeconomics. http://www.columbia.edu/~mu2166/UIM/ (október 2019).
4. Wang, Susheng (2018). Microeconomic Theory. Singapore: Springer.
5. Williamson, S.D. Macroeconomics. Harlow: Pearson, 2018.

Syllabus:

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

Notes:

Assessment of courses
Total number of evaluated students: 286

A	B	C	D	E	FX
8.39	20.98	20.98	21.68	25.52	2.45

Lecturer: doc. Ing. Karol Szomolányi, PhD.

Date of the latest change: 21.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KAI FHI/IIA21160/22	**Title of course:** Economic Informatics I

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study:

Degree of study: I.

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses
Total number of evaluated students: 0

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

Lecturer: Ing. Pavol Jurík, PhD., doc. Ing. Martin Mišút, CSc.

Date of the latest change: 31.03.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KŠ FHI/IID22011/21	**Title of course:** Economic-statistical Analysis

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 5.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
30% assignment
70% final paper (30% theoretical part, 40% practical – examples solution)

Student workload:
Lectures participation: 26 hours
Seminar participation: 26 hours
Preparation for seminars: 13 hours
Preparation for written assignment: 39 hours
Final paper preparation: 52 hours

Teaching results:
At the end of the semester, students will have a good overview of indicators and statistical methodical tools used to analyse economic phenomena, more specifically:
In particular, students acquire the following abilities:
- After completing the course, students will be able to apply appropriate statistical methods in the analysis of economic and social phenomena.
Students acquire in particular the following skills:
- Students will be able to measure, evaluate and analyse economic and social phenomena and processed. They will be able to use appropriate methodological tools.
Students will acquire the following competencies:
- Students will be able to understand statistical indicators and their explanatory power in relation to economic and social phenomena. They will be able to apply appropriate statistical methods in their own analytical work and mate appropriate decisions based on this.

Indicative content:
The course provides knowledge about individual methods of statistical analysis and their possibilities of application to the analysis of indicators in selected areas of economic and social statistics.

Support literature:
HURBÁNKOVÁ, Ľ – BOLGÁČ, J.: Sociálno-hospodárska štatistika. Bratislava: Ekonóm, 2021
HURBÁNKOVÁ, Ľ. – SIVAŠOVÁ, D.: Hospodárska štatistika I. Bratislava: Ekonóm, 2018
SODOMOVÁ, E. a kol.: Hospodárska štatistika II. Bratislava: Ekonóm, 2019

FRIEDRICH, V. – MAJOVSKÁ, R.: Výběr z ekonomické statistiky. Praha: Wolters Kluwer ČR, 2010
GIOVANNINI, E.: Understanding Economic Statistics: an OECD perspective. Paris. OECD 2008
HINDLS, R.: Statistika pro ekonomy. Praha: Professional Publishing, 2007
JÍLEK, J. – MORAVOVÁ, J.: Ekonomické a sociální indikátory: od statistiky k poznatkum. Praha:
Futura, 2007
JÍLEK, J. a kol.: Nástin sociálněhospodářské statistiky. VŠE Praha. 2005
KONTŠEKOVÁ, O. a kol.: Úvod do hospodárskej štatistiky. Bratislava: ES EU, 2000
Literature will be continuously updated with the latest scientific and professional titles.

Syllabus:

1. Introduction to economic – statistical analysis – subject and tasks, institutions providing data from the field of economic – statistical analysis (Statistical Office of the Slovak Republic, Eurostat).
2. Demographic statistics – basic data sources, measuring the state, structure and density of the population.
3. Demographic statistics – measuring the movement of the population, indicators of natural, mechanical and social movement.
4. Family and household statistics – family, household, categories of social affiliation of individuals, basic indicators of family and household statistics.
5. Labor market statistics – labor resources, employment, unemployment, absolute and relative basic indicators of the labor market.
6. Population income statistics – net cash income (disposable income), indicators of average income, indicators of real and nominal incomes, consumer price index, inflation rates, indicators of population income differentiation.
7. Population consumption statistics – definition and classification of consumption, methods of statistical survey of consumption, units of consumption, methods of consumption analysis, quantification of factors influencing consumption.
8. Statistics of poverty and living standards – poverty line, poverty incidence and poverty gap, measuring poverty and social exclusion in the EU, human development index.
9. Health statistics – health network, health services, health status of the population and its conditions, basic indicators of health statistics.
10. Statistics of educational activities and educational services – formal education, non-formal education, non-formal learning, indicators of educational capacities and educational processes, lifelong learning.
11. Financial indicators of the company – characteristics, subject and meaning, types of financial analysis.
12. Analysis of financial indicators of the company – indicators of liquidity, activity, indebtedness and profitability.
13. System of national accounts ESA 2010 – basic principles, transactions in products, distributive and financial transactions, sequence of accounts.

Language whose command is required to complete the course:

Slovak

Notes:

Assessment of courses

Total number of evaluated students: 282

A	B	C	D	E	FX
6.74	20.92	25.18	24.82	21.28	1.06

Lecturer: Ing. Ján Bolgáč, Ing. Ľubica Hurbánková, PhD., Ing. Katarína Moravčíková, PhD.

Date of the latest change: 07.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KF NHF/INB21001/21	**Title of course:** Finance

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study:

Degree of study: I.

Prerequisites:

Requirements to complete the course:
individual work, mid – term tests
written exam
1. individual work at seminars 10 %
2. mid – term tests at seminars 20 %
3. final written exam 70 %

Student workload:
Full time: totally 6 x 26 = 156, namely:
Participation in lectures - 26 h.
Participation in seminars - 26 h.
Preparation for seminars - 20 h.
Preparation for mid – term test - 25 h.
Preparation for the exam - 59 h.

Teaching results:
• students will acquire adequate knowledge and financial literacy as a basis for developing and understanding more complex processes and deeper analytical contexts in finance,
• obtaining a comprehensive picture of the sectoral approach to finance (corporate finance, banks and financial intermediaries, commercial insurance, central banking, public finance, social system finance, third sector finance, international financial system),
• acquiring knowledge about the main types of financial instruments and their use by entities operating in individual markets,
• understanding the principles and mechanisms of operation of financial markets and insurance,
• mastering the principles and mechanisms of operation of financial and monetary institutions at the national and supranational level,
• acquiring a comprehensive overview of the issues of modern finance, which are a prerequisite for further study of financial and economic courses, as well as for solving more complex problems in the real economy.
Knowledge and understanding:
• completion of the subject Finance will create preconditions for mastering the basic concepts of financial theory, as well as for orientation in the issue of functioning of individual financial systems and institutions,

• understanding the interrelationships between the real economy and finance and gaining knowledge about the functioning of financial markets and the determinants shaping their balance.
Practical skills and competence:
• ability to analyze the basic context in finance,
• ability to evaluate the causes and consequences of ongoing processes in financial markets, including the formulation of adequate conclusions,
• ability to work in a team in solving projects and seminar work.

Indicative content:
1. Finance and financial science
2. Financial markets
3. Corporate finance
4. Banks and banking system
5. Public finance I (income)
6. Public finance II (expenses)
7. Central banking
8. Insurance
9. Finance of social systems
10. Finance of other financial institutions
11. Household finance
12. International financial system
13. Financial markets in the digital age

Support literature:
Basic literature:
SIVÁK, R. a kol. Financie – Wolters Kluwer, 2019. 436 s. [29,14 AH], ČR 2 doplnené a rozšírené vydanie, Praha, ISBN 978-80-7598-533-0.
BELIČKOVÁ, Kornélia - NEUBAUEROVÁ, Erika - ZUBAĽOVÁ, Alena. Financie : metodická pomôcka na semináre. 2 prepracované vydanie. EKONÓM, 2020. 101 s. [5,05 AH]. ISBN 978-80-225-4687-4.
Recommended literature:
1. Handa, J. (2009) Monetary Economics. London: Routledge 2009, ISBN 978-04-1577-210-5
2. Chovancová, B. a kol. (2006) Finančný trh: nástroje, transakcie, inštitúcie. Prvé vydanie. vyd. Bratislava: Iura Edition, 2006. 611 s. ISBN 80-8078-089-2
3. Jankovská, A. (2003) Medzinárodné financie. Bratislava: Iura Edition, 2003, 2. prepracované a rozšírené vydanie, ISBN 80-89047-56-4
4. Kotlebová, J. - Sobek, O. (2007) Menová politika - stratégie, inštitúcie a nástroje. Bratislava: Iura Edition 2007, ISBN 978-80-8078-092-0
5. Kotlebová, J. - Chovancová, B. (2010) Medzinárodné finančné centrá - zmeny v globálnej finančnej architektúre. Bratislava: Iura Edition 2010, ISBN 978-80-8078-299-3
6. Mishkin, F.S. (2011) Financial Markets and Institutions (7th Edition) (The Prentice Hall Series in Finance), ISBN 978-0-73-213683-9
7. Pastoráková , E. (2008) Aktuálne otázky výučby poisťovníctva I. Bratislava : Vydavateľstvo EKONÓM, 2008. ISBN 978-80-225-2594-7
8. Rosen, H. S.; Gayer, T. (2010.) Public Finance Ninth Edition, International Edition 2010, ISBN 978-007-126788-5
9. SIVÁK, R: a kol. (2007) Verejné financie. Bratislava : Iura Edition, 2007. ISBN 978-80-8078-094-4
10. Smith, A. (2008) Pojednání o podstatě a původu a BOHATSTVÍ NÁRODŮ. Nové,přepracované vydání opatřené margináliemi. Liberální institut, Spálená 51, Praha.

11. Vaughan Emmett, J. – Vaughan T. (2008) Fundamentals of Risk and Insurance. John Wiley & Sons, Inc., 111 River Street, Hoboken, 2008. ISBN-13 978-0-470-08753-4
12. Zweifel, P. (2012) Eisen Roland: Insurance Economics. Springer Heidelberg Dordrecht London New York, 2012. ISBN 978-3-642-20547-7
13. Aktuálne vedecké a odborné články zaoberajúce sa súčasnými problémami z oblasti financií, bankovníctva a meny.

Syllabus:

Language whose command is required to complete the course:
slovak

Notes:

Assessment of courses
Total number of evaluated students: 71

A	B	C	D	E	FX
0.0	11.27	23.94	33.8	26.76	4.23

Lecturer: Dr. h. c. prof. Ing. Rudolf Sivák, PhD., doc. Ing. Erika Neubauerová, PhD., doc. Ing. Kornélia Beličková, PhD., prof. Ing. Erika Pastoráková, PhD., Ing. Zuzana Gajdošová, PhD., Estera Szakadátová, PhD.

Date of the latest change: 28.01.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KÚA FHI/IIE21132/21	**Title of course:** Financial Accounting I

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 4.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
26 hours of lectures
26 hours of seminars
13 hours of preparation for the lectures
26 hours of preparation for the seminars
24 hours of preparation for the continuous written essay (40 % of the overall grading)
41 hours of preparation for the final written exam (60 % of the overall grading)
Total study load (in hours): 156

Student workload:
26 hours of lectures
26 hours of seminars
13 hours of preparation for the lectures
26 hours of preparation for the seminars
24 hours of preparation for the continuous written essay (40 % of the overall grading)
41 hours of preparation for the final written exam (60 % of the overall grading)
Total study load (in hours): 156

Teaching results:
The main goal of the course is to teach the students to use the information from the financial statements, understand the economic factors which could affect them and the apply the accounting principles in the process of their preparation. The students will acquire information necessary for their compilation. In addition, the students acquire knowledge about the structure of the financial statements and the relation between its various parts, reflecting the requirements of the various frameworks for accounting. Based on the financial metrics derived of the financial statements, the students will be able to evaluate and present the financial position of the entity, assess its financial stability a to use the acquired information for their economics decisions. Knowledge – acquire knowledge necessary for the compilation of the financial statements; skills – to determine the related financial metrics; competence – to assess the financial stability of an entity.

Indicative content:
Chart of accounts in the Slovak republic; Plant, property and equipment; Intangible assets; Inventories; Liabilities; Receivables; Expenses, income and accruals; Equity; Cash and its equivalents, transactions and balances in foreign currency.

Support literature:

1. Juhászová, Z. a kol. (2021). Účtovníctvo. Bratislava : Wolters Kluwer
2. Pakšiová, R. – Janhuba, M. (2012). Teória účtovníctva v kontexte svetového vývoja. Bratislava : Wolters Kluwer.
3. Zákon č. 431/2002 Z. z. o účtovníctvo, v znení neskorších predpisov.
4. Zákon č. 513/1991 Z. z. Obchodný zákonník, v znení neskorších predpisov
5. Opatrenie Ministerstva financií č. 23054/2002 –92 ktorým sa ustanovujú podrobnosti o postupoch účtovania a rámcovej účtovej osnove pre podnikateľov účtujúcich v sústave podvojného účtovníctva v znení neskorších predpisov, v znení neskorších predpisov.
6. Opatrenie Ministerstva financií Slovenskej republiky z 3. decembra 2014 č. MF/23377/2014-74, ktorým sa ustanovujú podrobnosti o individuálnej účtovnej závierke a rozsahu údajov určených z individuálnej účtovnej závierky na zverejnenie pre veľké účtovné jednotky a subjekty verejného záujmu, v znení neskorších predpisov.

Syllabus:

Syllabus:

1. Chart of accounts in the Slovak republic I

Role of the chart of accounts for maintaining the accounting records. Legal statutes governing the charts of accounts and their classifications with reference to respective industries and materiality of accounting entities. Base for the construction of a chart of accounts: Dewey´s decimal system, classes and groups of accounts.

2. Chart of accounts in the Slovak republic II

Scope and the content of the chart of accounts for large accounting entities in the Slovak republic, its specific classes and groups of accounts. Relations between accounts in the chart of accounts and the line items of the financial statements.

3. Plant, property and equipment I

Definition of the plant, property and equipment and its classification. Its measurement and accounting for its acquisitions by way of contribution of an owner, cash purchase, purchase with a deferred payment, purchase on a credit, purchase funded by a grant, acquisition without any transferred consideration. Impact of the respective accounting treatment on the financial statements and KPI´s.

4. Plant, property and equipment II

Use of the information related to the self-manufactured plant, property and equipment from the management accounting. Accounting for acquisition of self-manufactured plant, property and equipment, its depreciation, impairment allowances and its disposal. Impact of the respective accounting treatment on the financial statements and KPI´s.

5. Intangible assets

Definition of intangible assets and their classifications. Its measurement and accounting for its acquisitions by way of contribution of an owner, cash purchase, purchase with a deferred payment, purchase on a credit, purchase funded by a grant, acquisition without any transferred consideration. Impact of the respective accounting treatment on the financial statements and KPI ´s. Differences in accounting for in-house research and development costs.

6. Inventories I

Definition of intangible inventories and their classifications. Comparison of the underlying economics of plant, property and equipment, intangible assets, and inventories. Perpetual and periodic method for accounting for inventories: their measurement and accounting for its acquisitions by way of contribution of an owner, cash purchase, purchase with a deferred payment, purchase on a credit, purchase funded by a grant, acquisition without any transferred consideration and through by in-house production. Accounting for consumption, impairment

allowances and sale of inventories. Impact of the respective accounting treatment on the financial statements and KPI´s.
7. Inventories II
Use of information from the management accounting for the self-manufactured inventories. Differences in accounting for self-manufactured inventories when classification of the expenses in accordance with their nature is used as opposed to a situation, when their classification in accordance with their nature is used.
8. Liabilities I
Definition of liabilities and their classification. Underlying economical substance of liabilities to suppliers, financial institutions, employees and the government. Accounting for incurrence, change and settlement of liabilities arising from purchase, provision of a credit and employee benefits.
9. Liabilities II
Accounting for incurrence, change and settlement of liabilities arising from social and health insurance, grants, taxes and relations with owners. Underlying economical substance and accounting for provisions.
10. Receivables
Definition of receivables and their classifications. Underlying economical substance of receivables against customers, loand and credit debtors and other parties. Accounting for the for incurrence, change and settlement of receivables arising from the sale, provision of credits and loans, impairment allowances and other events.
11. Expenses, income and accruals
12. Equity
Accounting for the formation of a business in accordance with its legal form. Structure of the equity. Accounting for distributions of the equity by owners, transfers among reserves and other changes of equity.
13. Cash and its equivalents, transactions and balances in foreign currency

Language whose command is required to complete the course:
slovak

Notes:

Assessment of courses
Total number of evaluated students: 1252

A	B	C	D	E	FX
19.65	21.17	22.2	16.21	15.81	4.95

Lecturer: Ing. Martina Podmanická, PhD., Ing. Martina Ballová, PhD., Ing. Ján Užík, PhD.

Date of the latest change: 17.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KMA FHI/IIC21030/21	**Title of course:** Financial Mathematics I

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 5.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
10% written work,
10% semester seminar work, resp. project,
10% continuous processing of tasks, worksheets resp. case studies.
70% written exam.

Student workload:
26 hours of lectures,
26 hours of exercise,
65 hours of self-study in preparation for the exam,
13 hours preparation for seminars,
13 hours elaboration of a semester project,
13 hours preparation for written work.
Total loan(in hours): 156

Teaching results:
Completion of the course Financial Mathematics I presupposes the development of financial thinking in time.
Knowledge and understanding
Progress in the field of new knowledge is evident after completing the course. Students will understand the dependence of capital on time, the principle of financial equivalence, annuities, the concept of current and future value of discrete and continuous financial flows and their valuation. They will also gain skills in constructing repayment plans for loans of various types.
Competence
Based on the above knowledge, students are able to solve the assigned tasks for current and future values of annuities in discrete and continuous interest rates, repayment of loans and valuation of financial flows within the new acquired competencies.
Skills
As part of the educational process, they will acquire such skills that will enable students to solve and become familiar with the functions of financial mathematics, in procedures involving the time structure of financial flows, repayment of loans and to be able to use the procedure of financial equivalence.

Indicative content:

1. Interest rate and factors, interest theory
2. Constant, variable interest rate intensity, accumulation factor and value discounting
3. Valuation of financial flows, income equation of transaction, IRR
4. Annuity-certain and annuity-due, factor of present and future value
5. Deferred annuity, continuously paid annuity
6. Perpetuity certain, perpetuity due and continuously paid perpetuity
7. Unknown annuity interest rate, numerical methods
8. Arithmetically increasing annuity certain, annuity due and perpetuities
9. Annuities with continuous payments, geometrically increasing annuity
10. Annuity payable pthly, loan schedule for level annuity
11. Loan schedule for pthly annuity, low start loan
12. Impact of inflation, taxes and depreciation on investment projects
13. Time structure of interest rates, yield curve

Support literature:

1. Pinda, Ľ.: Finančná matematika I. Letra Edu 2021, ISBN: 978-80-89962-82-2
2. Pinda, Ľ.: Finančná matematika investičných projektov. Bratislava: IURA EDITION, spol. s r.o. 2010, ISBN: 978-80-8078-319-8
3. Garrett, S. J.: An Introduction to the Mathematics of Finance. Oxford: Elsevier, Butterworth – Heinemann, 2013, ISBN: 978-0-08-098240-3
4. Ruckman, CH. - Fransis, J.: A Practical Guide for Actuaries and other Business Professionals. BPP Professional Education.2004, ISBN: 978-0975313602

Syllabus:

1. Interest rate and factors, interest theory
2. Constant, variable interest rate intensity, accumulation factor and value discounting
3. Valuation of financial flows, income equation of transaction, IRR
4. Annuity-certain and annuity-due, factor of present and future value
5. Deferred annuity, continuously paid annuity
6. Perpetuity certain, perpetuity due and continuously paid perpetuity
7. Unknown annuity interest rate, numerical methods
8. Arithmetically increasing annuity certain, annuity due and perpetuities
9. Annuities with continuous payments, geometrically increasing annuity
10. Annuity payable pthly, loan schedule for level annuity
11. Loan schedule for pthly annuity, low start loan
12. Impact of inflation, taxes and depreciation on investment projects
13. Time structure of interest rates, yield curve

Language whose command is required to complete the course:
slovenský

Notes:

Assessment of courses
Total number of evaluated students: 282

A	B	C	D	E	FX
11.7	14.89	19.86	18.79	34.04	0.71

Lecturer: prof. RNDr. Ľudovít Pinda, CSc., PaedDr. Zsolt Simonka, PhD.

Date of the latest change: 01.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and

quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KAI FHI/IIA21121/22	**Title of course:** Informatics I

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study:

Degree of study: I.

Prerequisites:

Requirements to complete the course:

Student workload:

Teaching results:

Indicative content:

Support literature:

Syllabus:

Language whose command is required to complete the course:

Notes:

Assessment of courses
Total number of evaluated students: 10

A	B	C	D	E	FX
50.0	20.0	20.0	10.0	0.0	0.0

Lecturer: doc. Dr. Ing. Miroslav Hudec, Ing. Mgr. Peter Schmidt, PhD., Ing. Peter Procházka, PhD., Ing. Mária Szivósová, PhD.

Date of the latest change: 31.03.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KAI FHI/IIA21125/22	**Title of course:** Informatics II

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 7

Recommended semester/trimester of study: 2.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
Exam 60% marks. The exam consists of two parts: a test and a specific problem-solving task. The test verifies the achievement of learning outcomes A., C., F., G., the problem-solving task verifies the achievement of learning outcomes B., C., D., E.
Exercises 40% Exercises involve developing and defending a project on which students work individually. The content of the overall project is a summary of several assignments in the field of computer science, basic and application software. These assignments will be worked on individually or in the form of joint documents. The assessment of the individual student will also include the student's activity in practicing and opposing and evaluating the projects of other students. The results of the work are submitted in the form of sub-projects from which the final project will be developed. The final project will be submitted in the form of a text file and a video presentation of the work done

Student workload:
Total study load (in hours):
156 h (participation in lectures 26 h, participation in seminars 26 h, preparation for seminars 26 h, elaboration of a semester project 26 h, preparation for the exam 52 h)

Teaching results:
Upon completion of the course, students should be able to:
A. Understand the basic principles of transforming numerical, textual, graphical, multimedia data about real-world objects into a system used by a computer (binary system)
B. Analyze computer software according to the tasks it must perform.
C. Know several and be able to select appropriate computer software depending on the type of tasks that need to be solved.
D. Define basic and application software, additional communication software, application software to address general and specific user requirements
E. Define the role of programming languages in the computer software system and the information system as a whole.
F. Understand the nature of software product models, knowing the strengths and weaknesses of specific methodologies
G. Understand how a work team works and organizes itself to work together, and learn the fundamentals of such collaboration

H. Present and defend at a professional level the solutions proposed by them
I. Produce a technical documentation (report) describing their proposed solution in the form of a seminar paper

Indicative content:

Indicative content:
1. Basic definitions: data, information, knowledge, skills. Basic types of data and their distribution. How to use different types of data and information.
2. Coding and encryption, basic definitions, common and different features. Numbering systems. Working in the binary system.
3. Method of encoding different type of data into binary system. Bit, Byte and its multiples, Word.
4. Computer software, basic types of programs. Basic software, general purpose software.
5. Operating systems, communication programs for connecting peripheral devices.
6. Application programs and their division. General application programs.
7. Software for office work. Basic operations in text and spreadsheet editors, creating presentations.
8. Specific application software for various areas of human activity (education, construction, engineering, mathematics and physics, etc.)
9. Software for computer networking.
10. Software aimed at communication (mail, chat, video chat, video conferencing, screen sharing, remote computer control, etc.).
11. Group work in project creation, document sharing, disk sharing.
12. Sharing computer resources. Grid technologies, cloud solutions and their use in collaborative working.
13. Viruses and their distribution, basics of computer law.
The basis of the exercise
1. Introduction to the R language.
2. Creating and working with objects.
3. Data types and the differences between them.
4. Operators and their use.
5. Basic built-in functions of the R language.
6. Data structures and their use.
7. Basics of data processing.
8. Working with data files.
9. Working with loops and conditions.
10. Apply family functions.
11. Creating custom functions.
12. Working with the graphical tools of the R language.
13. Working with external libraries (tidyverse, dplyr, etc.).

Support literature:

1. Kultan J., Serik M., Fajkus R.: Informatika pre netechnické školy, (vybrané otázky). Bratislava : STATIS, 2012. 128 s. [8,50 AH]. ISBN 978-80-85659-73-3., https://www.intercedu.com/informatic-books
2. Schmidt P., Kultan J., Prochádzka P.: Informatika – hardvér, https://www.intercedu.com/informatic-books
3. Pelikán J., : Matematické základy informatiky ISBN 9788024517780, VYDAVATEĽSTVO Oeconomica
4. Matiaško K., Základy informatiky, Vydavateľstvo Edis, 2004
5. Venables, V.,M. a kol.: An Introduction to R, https://cran.r-project.org/doc/manuals/r-release/R-intro.pdf

6. Danko, J., Šafr, K.: R snadno a rychle 1, Vysoká škola ekonomická v Praze, Nakladatelství Oeconomica – Praha 2020, ISBN 978-80-245-2380-4
7. Danko, J., Šafr, K.: R snadno a rychle 2, Vysoká škola ekonomická v Praze, Nakladatelství Oeconomica – Praha 2020, ISBN 978-80-245-2381-1
8. Schmidt,P.: IKT pre začinajúcich používateľov, Bratislava 2013, ISBN 978-80-971532-0-5
9. Kaluža,J. – Kalužová, L. (2012). Informatika. Ekopress, ISBN: 9788086929835
10. Páleš, M. (2019)Jazyk R pre aktuárov. 1. vydanie. Bratislava : Vydavateľstvo Letra Edu, 2019. 349 s. ISBN 978-80-89962-26-6.

Syllabus:

Language whose command is required to complete the course:
slovak

Notes:

Assessment of courses
Total number of evaluated students: 20

A	B	C	D	E	FX
5.0	10.0	20.0	25.0	35.0	5.0

Lecturer: doc. Ing. Jaroslav Kultan, PhD., Ing. Mgr. Peter Schmidt, PhD., Ing. Erika Mináriková

Date of the latest change: 02.08.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KMA FHI/IIC21051/21	**Title of course:** Introduction to Actuarial Science
Type, load and method of teaching activities: **Form of course:** Lecture / Practical **Recommended load of course (number of lessons):** **Per week:** 2 / 2 **Per course:** 26 / 26 **Method of study:** present	
Number of credits: 5	
Recommended semester/trimester of study: 4.	
Degree of study: I.	
Prerequisites:	
Requirements to complete the course: 30% written work, 10% semester seminar work, resp. project, 60% written exam. Total study load (in hours): 130 hours 26 hours of lectures, 26 hours of exercise, 39 hours of self-study in preparation for the exam, 13 hours preparation for seminars, 6 hours elaboration of a semester project, 20 hours preparation for written work.	
Student workload: Total study load (in hours): 130 hours 26 hours of lectures, 26 hours of exercise, 39 hours of self-study in preparation for the exam, 13 hours preparation for seminars, 6 hours elaboration of a semester project, 20 hours preparation for written work.	
Teaching results: Completion of the course Introduction to actuarial science the development of key competencies in the areas of new knowledge, competencies and skills. Knowledge and understanding: Students will understand the system of risk management in insurance companies and gain basic knowledge about the R language, actuarial science and actuarial analysis, which are used in actuarial practice. Competences: Based on the above knowledge, students can understand actuarial terminology and master the basic qualitative procedures and quantitative methods used in actuarial analysis, acquire the basics of critical thinking and can assess the advantages and disadvantages of risk management procedures. Skills:	

As part of the educational process, they will acquire such skills that will enable students to perform basic actuarial analyzes, use the R language in these analyzes and orient themselves in the EU Solvency II Directive and the principles of actuarial science.

Indicative content:

1. Risk, insurance and insurance market.
2. Regulation of the insurance market.
3. Actuarial science.
4. Actuarial software.
5. Actuarial statistics.
6. Enterprise risk management.
7. Actuarial models.
8. Actuarial demography.
9. Actuarial analyzes in life insurance.
10. Actuarial analyzes in non-life insurance.
11. Risk transfer. Reinsurance. Global reinsurance market.
12. New trends in insurance risks.
13. Financial market instruments.

Support literature:

Syllabus:

1. Risk, insurance and insurance market.
2. Regulation of the insurance market.
3. Actuarial science.
4. Actuarial software.
5. Actuarial statistics.
6. Enterprise risk management.
7. Actuarial models.
8. Actuarial demography.
9. Actuarial analyzes in life insurance.
10. Actuarial analyzes in non-life insurance.
11. Risk transfer. Reinsurance. Global reinsurance market.
12. New trends in insurance risks.
13. Financial market instruments.

Language whose command is required to complete the course:
slovak

Notes:

Assessment of courses
Total number of evaluated students: 18

A	B	C	D	E	FX
5.56	22.22	22.22	5.56	44.44	0.0

Lecturer: doc. Ing. Michal Páleš, PhD., Ing. Lenka Smažáková, PhD.

Date of the latest change: 01.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin

Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KM FPM/IMB21007/21	**Title of course:** Management

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 5

Recommended semester/trimester of study: 4.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
• elaboration and presentation of the final project - 30%
• case studies - 10%
• final exam - 60%
Student's workload (in hours):
The student's workload: 130 h. (participation in lectures 26 h, participation in seminars 26 h, preparation for seminars 13 h, elaboration of a semester project 26 h, preparation for the exam 39 h)

Student workload:

Teaching results:
Knowledge
Obtaining a systemic view of management issues with respect to current knowledge and trends in this area and with respect to the dynamics of the external and internal environment. Acquiring comprehensive basic knowledge of management theory in relation to the sustainable development of enterprises in terms of functional, decision-making and information. Understanding of key conceptual apparatus in relation to individual management functions. Acquisition of knowledge in terms of methods and tools used in the implementation of individual management functions. Understanding the interrelationships between the application of soft and hard management tools and the possibilities of their use in practice.
Competence
• to use a set of knowledge about the principles, methods, procedures, and techniques of business management in a market economy,
• to identify, analyze and apply the acquired knowledge in solving problems related to managerial functions,
• to direct the activities of business units, teams, and individuals through managerial functions to achieve set objectives,
• to understand and suggest ways to rationally solve management problems,
• to combine and integrate management knowledge with knowledge from related social science disciplines
Skill
• conceptually solve enterprise problems, identify the most important issues, tendencies, and probabilities of development, and understand things in relation to each other,

• apply specific methods and procedures in management practice,
• effectively guide business processes through techniques and methods of decision making, planning, organizing, human resource management, leading and controlling,
• motivate subordinates and communicate effectively with all company stakeholders,
• work effectively in a team and lead a team.

Indicative content:

Thematic definition of lectures:
1. Characteristics and basic background of management.
2. Main concepts of management.
3. Managerial decision-making.
4. Information and information system.
5. Strategy and its implementation.
6. Planning.
7. Organizing as a function of management.
8. Management control.
9. Human resources management.
10. The essence and content of the leadership function of people, leadership styles.
11. Communication in management.
12. Employee motivation.
13. Ethics in management.

Thematic definition of exercises:
1. Introduction to management issues.
2. Origin, development, and main approaches in management.
3. Decision-making processes in management.
4. Information and information system.
5. Strategic management.
7. The essence and content of the organization and organizational structure.
8. Management control.
9. Human resources management.
10. Leading of people.
11. Communication.
12. Motivation.
13. Ethics in management.

Support literature:

Basic literature:
1. ROBBINS, Stephen P. – COULTER, Mary A. Management. Pearson Education, 2021. 624 p. ISBN 9780136714491.

Supplementary literature:
1. BATEMAN, Thomas et al. Management: Leading & Collaborating in a Competitive World. 13th ed. McGraw-Hill Education, 672 p. ISBN 978-12-5992-764-5.
2. CERTO, Samuel C. – CERTO, Trevis S. Modern Management: Concepts and Skills. 15th ed. New York, NY : Pearson, 2019, 501 p. ISBN 978-01-3472-913-8.
3. DAFT, Richard L. Management. 12th ed. Cengage Learning, 2015, 800 p. ISBN 978-13-0548-071-1.
4. DRUCKER, Peter. Management. Routledge, 2012. 576 s. ISBN 978-11-3600-689-0.
5. KOONTZ, Harold – WEIHRICH, Heinz. Essentials of management. 10th ed. Chennai: Tata McGraw Hill Education, 2015, 540 pp., Rs. 647, ISBN: 978-9-3392-2286-4.
6. LUSSIER, Robert N. Management fundamentals : concepts, applications, and skill development. Thousand Oaks: SAGE Publications, 2019. 597 p. ISBN 9781506389394.

7. PLUNKETT, Warren R. Management. 10th ed. South-Western College Pub, 2012, 744 p. ISBN 978-11-1122-134-8.
8. SCHERMERHORN, John R Jr. – BACHRACH, Daniel G. Exploring Management. 6th ed. John Wiley & Sons, 2017, 348 p. ISBN: 978-1-119-53760-1
9. WILKINSON, Adrian et al. The Oxford Handbook of Management. Oxford University Press, 2017, 571 p. ISBN 978-01-9870-861-2.

Syllabus:

Thematic definition of lectures:

1. Characteristics and basic background of management. Nature, meaning and tasks of management. The content of management, including the individual functions. Descriptive and normative theory. A systems approach to management. Managerial roles and skills. Managerial competencies. Manager profile. Manager education.
2. Main concepts of management. Historical foundations of management. Modern approaches to management: classical, behavioral, modern, empirical school of management, situational approach. Territorial differences in management development. Management in a global environment. New management concepts. Specific management methods and concepts.
3. Managerial decision-making. The essence and place of decision-making in management. Elements of the decision-making process. Characteristics and types of decision-making processes and decisions. Stages of the decision-making process. Ways of preparing and taking a decision. Decision-making methods.
4. Information and information system. The essence and meanings of the term information. The importance of information for the work of a manager. Lack and excess of information. Classification, aspects, types, sources of information. Information activities and information system. Division of information system, essence, and role. Requirements for an effective information system.
5. Strategy and its implementation. Differences and common features of strategy and tactics, classification, and types of strategies. The personality of a strategic manager. Horizontal and vertical structure of strategic management. Corporate, entrepreneurial, functional, and competitive strategy. Strategic management process. Formulation of goals and strategies. Implementation and evaluation of the strategy.
6. Planning. The essence, content, and reasons for planning. Integrated business planning system. Types of plans, including a business plan. Functional components of plans. Algorithm for creating business plans. Qualitative and quantitative planning methods and techniques.
7. Organizing as a function of management. Organizational differentiation and organizational integration of activities. The process of organizing. Creation of organizational structures. Mechanistic and organic types of organizational structures. Centralization and decentralization. Formality and informality of relationships. Tendencies of development of organizational structures.
8. Management control. Stages of the control process, classification of control. Traditional and modern techniques, methods, and procedures of control. Requirements for an effective control system. Relationship among control, monitoring and controlling.
9. Human resources management. Content, tasks, theoretical basis of human resources management. Human resources planning and provision. Personnel functions in the company. Evaluation of work performance. Remuneration of employees, benefits. Personnel marketing and personnel audit. Personnel development, education, and career management. Current trends in changes in human resource development, including workplace diversity.
10. The essence and content of the leadership function of people, leadership styles. Contrast between manager and leader. Authority and power and its resources. Approaches to effective people management. Coaching and mentoring.

11. Communication in management. Structure, types, forms, means, types of managerial communication. Verbal and nonverbal communication. Communication competencies and communication skills. Principles of effective managerial communication. Teamwork.
12. Employee motivation. The meaning and content of motivation, stimulation. Behavior of people in the organization, individual and group motivation. The process of motivation. Content and process theories of motivation. Integrative approach in motivation. Motivational programs. Basis of application and approaches used in current motivation programs.
13. Ethics in management. Social responsibility and sustainability. Internal and external social environment of the organization. Ethical standards and codes of ethics. Institutionalizing and improving the effectiveness of standards.
Thematic definition of exercises:
1. Introduction to management issues. Content and management background. The essence, meaning and tasks of management. Management functions. Manager and his profile. Managerial roles. Managerial competencies.
2. Origin, development, and main approaches in management. Analysis of classical and contemporary management concepts in the world. Management in a global environment. New concepts and methods of management.
3. Decision-making processes in management. Types of decision-making situations. Decision-making methods.
4. Information and information system. Nature and classification of information. Division of information systems and their use in managerial practice.
5. Strategic management. Classification and types of strategies. Business environment analysis, formulation, implementation and evaluation and control of strategies.
6. Planning. Goals, resources, activities in the company. Nature and types of plans. Time and object criterion of division of plans. Information for the needs of the plan. Control techniques, methods, and procedures.
7. The essence and content of the organization and organizational structure. Creating the organizational structure of the company. The essence and dimensions of the organizational structure. Divisional structures. Matrix structures.
8. Management control. Types of control. Control techniques, methods, and procedures.
9. Human resources management. Job analysis, recruitment activities, selection of employees. Personnel development, remuneration of employees.
10. Leading of people. Content, leadership styles. Transformational and transactional leadership style. Visionary and team leadership. Coaching and mentoring.
11. Communication. Interpersonal and managerial communication. Intra-company communication. Communication skills - active listening, assertiveness, empathy. Teamwork.
12. Motivation. Content of motivation and stimulation. Motivational tools. Behavior of people in the organization. Theories of motivation.
13. Ethics in management. Social responsibility and sustainability. Analysis of participants as part of corporate social responsibility. Reporting and measuring social responsibility.

Language whose command is required to complete the course:
Slovak

Notes:

Assessment of courses
Total number of evaluated students: 88

A	B	C	D	E	FX
19.32	19.32	30.68	25.0	5.68	0.0

Lecturer: doc. Ing. Jana Blštáková, PhD., prof. Ing. Nadežda Jankelová, PhD., doc. Ing. Mgr. Zuzana Joniaková, PhD., Ing. Andrea Čambalíková, PhD., Mgr. Oľga Nachtmannová, PhD., Mgr. Martin Novysedlák, PhD., Ing. Richard Bednár, PhD.
Date of the latest change: 02.02.2022
Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KMA FHI/IIC21020/21	**Title of course:** Mathematics II

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 7

Recommended semester/trimester of study: 2.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
The semester work and the written test – 30 %
The final written test – 70 %

Student workload:
Participation in lectures - 30
Participation in exercises - 30
Preparing for exercises - 30
Preparation for course credit - 30
Individual study in preparation for the exam - 62
Total load – 182

Teaching results:
Knowledge. Understanding of knowledge of basic principles and knowledge of calculations of definite and improper integrals, numerical and functional series and of linear algebra and their applications in economics,
Skills. Acquired knowledge and skills to be able to apply in the field of discrete and continuous random variable, in the field of discrete and continuous financial cash flows, time series, in solving optimal programming problems and in all areas of finding solutions to economic science problems by quantitative methods.
Competences. Actively expand their mathematical knowledge and skills and use them in other subjects of quantitative focus.

Indicative content:
1. Definite integral and their calculation. Calculation of area of the region. Economic applications.
2. Improper integral. Methods for calculating improper integrals.
3. Limit of a sequence. Euler's number. Investigation of convergence and divergence of data series.
4. Alternating series. Function series.
5. Power series, radius and interval of convergence. Taylor series and development of elementary functions.
6. Operations with vectors. Linear combination, dependence and independence. Rank the vectors. Dimension and base of linear space.
7. Elementary change of base and its use.
8. EZB. Operations with matrices. Decomposition of the matrix to the product.

9. Calculation of rank of matrix using EZB. Inverse matrix, matrix equations.
10. Economic applications. Determinants of degree n and calculation of them.
11. Solution of system of linear equations by method of EZB.
12. Solution of SLR – by Cramer rule and inverse matrix. Space of solutions. Fundamental system of solutions.
13. The system of linear inequalities. Credit exam.

Support literature:

Basic literature:

1. FECENKO, Jozef. Nekonečné rady : (číselné, funkcionálne, maticové). 1. vyd. Bratislava : Vydavateľstvo EKONÓM, 2017. online [78 s., 3,67 AH]. ISBN 978-80-225-4387
2. SAKALOVÁ, K. – SIMONKA, Z. – STREŠŇÁKOVÁ, A.: Lineárna algebra pre ekonómov. FHI EU v Bratislave. 1. vydanie. Vydavateľstvo Letra Edu Bratislava 2020. ISBN 978-80-89962-73-3(print). ISBN 978-80-89962-73-0 (online).

Recommended literature:

1. KADEROVÁ, A. KRÁTKA, Z. KRČOVÁ, I., MUCCHA, V., ŠOLTÉSOVÁ T.: Matematika pre Ekonómov. Vydavateľstvo Letra Edu Bratislava 2020. ISBN 978-90-89962-73-4(print). ISBN 978-90-89962-63-1 (online).
2. FECENKO, Jozef – SAKÁLOVÁ, Katarína. Matematika 2. Bratislava : Elita, 1999. 316 s. ISBN 80- 85323-85-0

Syllabus:

1. Definite integral and their calculation. Calculation of area of the region. Economic applications.
2. Improper integral. Methods for calculating improper integrals.
3. Limit of a sequence. Euler's number. Investigation of convergence and divergence of data series.
4. Alternating series. Function series.
5. Power series, radius and interval of convergence. Taylor series and development of elementary functions.
6. Operations with vectors. Linear combination, dependence and independence. Rank the vectors. Dimension and base of linear space.
7. Elementary change of base and its use.
8. EZB. Operations with matrices. Decomposition of the matrix to the product.
9. Calculation of rank of matrix using EZB. Inverse matrix, matrix equations.
10. Economic applications. Determinants of degree n and calculation of them.
11. Solution of system of linear equations by method of EZB.
12. Solution of SLR – by Cramer rule and inverse matrix. Space of solutions. Fundamental system of solutions.
13. The system of linear inequalities. Credit exam.

1. Definite integral and their calculation. Calculation of area of the region. Economic applications.
2. Improper integral. Methods for calculating improper integrals.
3. Limit of a sequence. Euler's number. Investigation of convergence and divergence of data series.
4. Alternating series. Function series.
5. Power series, radius and interval of convergence. Taylor series and development of elementary functions.
6. Operations with vectors. Linear combination, dependence and independence. Rank the vectors. Dimension and base of linear space.
7. Elementary change of base and its use.

8. EZB. Operations with matrices. Decomposition of the matrix to the product.
9. Calculation of rank of matrix using EZB. Inverse matrix, matrix equations.
10. Economic applications. Determinants of degree n and calculation of them.
11. Solution of system of linear equations by method of EZB.
12. Solution of SLR – by Cramer rule and inverse matrix. Space of solutions. Fundamental system of solutions.
13. The system of linear inequalities. Credit exam.

Language whose command is required to complete the course:
slovak

Notes:

Assessment of courses
Total number of evaluated students: 2275

A	B	C	D	E	FX
10.2	9.23	16.88	22.64	28.09	12.97

Lecturer: prof. RNDr. Katarína Sakálová, CSc., Ing. Martina Horváthová, Mgr. Ing. Ingrid Krčová, PhD., RNDr. Anna Strešňáková, PhD.

Date of the latest change: 01.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KMA FHI/IIC21012/21	**Title of course:** Matmematics I

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 8

Recommended semester/trimester of study: 1.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
The semester work - the written test - 30%,
The final written test (theory and examples) - 70%

Student workload:
Total study load (in hours):
Participation in lectures - 26
Participation in exercises - 26
Preparing for exercise - 26
Preparation for course credit - 39
Exam Preparation (theory) - 26
Exam Preparation (examples) – 65
Total load - 208

Teaching results:
A successful graduate of the course will have knowledge of differential and integral calculus, necessary for the study of other economic subjects. After completing the course, students will receive:
Knowledge and understanding
- understanding the basic principle of differential and integral calculus and their simple applications in economy,
- awareness of the inevitability of the use of quantitative (mathematical) methods in economic applications.
Skills
- students can solve fundamental problems of differential and integral calculus by using appropriate open-source software systems,
- solve fundamental problems of economic analysis and interpret the results of solutions.
Competence
- actively expand their mathematical knowledge and skills and use them in other subjects of quantitative orientation.

Indicative content:
1. Functions of one real variable. Properties of functions. Graphs of functions.
2. Functions of economic analysis, their properties and graphs.

3. Limit of function. Rules for calculating limits. One-sided limits.
4. Continuity of function in point and on the set. Asymptotes.
5. Difference quotient and derivative of function. Its geometric and economic interpretation. Tabular differentiation. Differential of function and its applications. L'Hospital rules.
6. Marginal value. Elasticity of function. Price elasticity of demand. Monotonicity of function.
7. Higher-order derivatives. Convexity and concavity of function. Point of inflection.
8. Local extremes. Economic applications. Graphing functions by characteristic points.
9. 2-dimensional Euclidean space. The function of two variables. Functions of economic analysis. Homogeneous function.
10. Partial function. Partial derivatives. Higher-order partial derivatives. Economic applications of partial derivatives. Marginal value. Partial elasticity.
11. Definition of local extremes. Necessary and sufficient condition for local extreme. Economic applications of local extremes.
12. Bound extremes. Economic applications of bounded extremes.
13. Definition of primitive functions and indefinite integrals. Basic rules of integration and table of standard integrals. Economic application of indefinite integrals.

Support literature:

1. KADEROVÁ, A. - KRÁTKA, Z. - KRČOVÁ, I. - MUCHA, V. - ŠOLTÉSOVÁ, T. (2020). Matematika pre ekonómov. Bratislava: Letra Edu.
2. KADEROVÁ, A. - MUCHA, V. - ONDREJKOVÁ KRČOVÁ, I. - ŠOLTÉSOVÁ, T. (2016). Matematika pre 1. ročník: učebný text. Bratislava: Vydavateľstvo EKONÓM, online.
3. FECENKO, J. - PINDA, Ľ. (2006). Matematika 1. IURA EDITION. Bratislava.
4. FECENKO, J. - SAKÁLOVÁ, K. (2006). Matematika 2. IURA EDITION. Bratislava.

Syllabus:

1. Functions of one real variable. Properties of functions. Graphs of functions.
2. Functions of economic analysis, their properties and graphs.
3. Limit of function. Rules for calculating limits. One-sided limits.
4. Continuity of function in point and on the set. Asymptotes.
5. Difference quotient and derivative of function. Its geometric and economic interpretation. Tabular differentiation. Differential of function and its applications. L'Hospital rules.
6. Marginal value. Elasticity of function. Price elasticity of demand. Monotonicity of function.
7. Higher-order derivatives. Convexity and concavity of function. Point of inflection.
8. Local extremes. Economic applications. Graphing functions by characteristic points.
9. 2-dimensional Euclidean space. The function of two variables. Functions of economic analysis. Homogeneous function.
10. Partial function. Partial derivatives. Higher-order partial derivatives. Economic applications of partial derivatives. Marginal value. Partial elasticity.
11. Definition of local extremes. Necessary and sufficient condition for local extreme. Economic applications of local extremes.
12. Bound extremes. Economic applications of bounded extremes.
13. Definition of primitive functions and indefinite integrals. Basic rules of integration and table of standard integrals. Economic application of indefinite integrals.

Language whose command is required to complete the course:

slovak

Notes:

Assessment of courses

Total number of evaluated students: 1949

A	B	C	D	E	FX
6.05	8.31	14.06	21.55	36.58	13.44

Lecturer: Mgr. Ing. Ingrid Krčová, PhD., doc. Mgr. Tatiana Šoltésová, PhD., Ing. Silvia Zelinová, PhD., Ing. Patrícia Teplanová

Date of the latest change: 19.04.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KŠ FHI/IID22021/21	**Title of course:** Methods of Statistical Comparison

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 5

Recommended semester/trimester of study: 5.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
30% assignment
70% final paper (30% theoretical part, 40% practical – examples solution)

Student workload:
Total study load (in hours): 130 hours
Distribution of study load
Lectures participation: 26 hours
Seminar participation: 26 hours
Preparation for seminars: 13 hours
Preparation for written assignment: 13 hours
Final paper preparation: 52 hours

Teaching results:
At the end of the semester, students will have an overview of statistical methodical tools used to analyse of economic phenomena, more specifically:
In particular, students acquire the following abilities:
- After completing the course, students will be able to apply appropriate statistical methods in the analysis of economic phenomena.
Students acquire in particular the following skills:
- Students will be able to measure, evaluate and analyse economic phenomena. They will be able to use appropriate statistical methodological tools.
Students will acquire the following competencies:
- Students will be able to apply appropriate statistical methods in their own analytical work and mate appropriate decisions based on this.

Indicative content:
The course provides knowledge of individual methodological tools suitable for statistical analysis.

Support literature:
PAŽITNÁ, M. – LABUDOVÁ, V.: Metódy štatistického porovnávania. Bratislava: Vydavateľstvo EKONÓM, 2007.
FEDERICO, D. – PERROTTI, D. E. – GOLDSZIER, P.: Index numbers and their relationship with the economy. ECLAC, 2020.

JEFF, R. – O'NEILL, R. – WINTON. J.: A practical introduction to index numbers. John Wiley & Sons, 2015.
DIEWERT, W. ERWIN.: Cost of living indexes and exact index numbers. Emerald Group Publishing Limited, 2009.
PRASADA, RAO, D.S. – SELVANATHAN, E.A.: Index Numbers A Stochastic Aporoach. Palgrave Macmillan UK, 1994.
BAKYTOVÁ, H.: Teória štatistiky. Bratislava: Edičné stredisko, 1990.
CYHELSKÝ, L.: Teorie statistiky I. Praha: SNTL, 1990.
ALLEN, R. G. D.: Index Numbers in Theory and Practice. Springer, 1982.
Literature will be continuously updated with the latest scientific and professional titles.

Syllabus:

1. Introduction to the theory of comparison and index method – types of compared values and their comparability, comparison by difference and ratio, base of comparison, development of index numbers method.
2. Classification of index numbers and request put on them, characteristics of index numbers.
3. Borktiewicz´s destruction.
4. Individual index numbers – their types and absolute differences.
5. Cumulative index numbers – their types and absolute differences.
6. Comparison of compound phenomena – comparison of products of two factors (decompositions of their indices and absolute differences)
7. Comparison of compound phenomena – comparison of sums of products of two factors (decompositions of their indices and absolute differences)
8. Price index numbers in economic praxis – consumer price indices and cost of living indices, detection of consumer prices.
9. Utilize of price index numbers – measurement of inflation, statistical deflation, price coefficients of elasticity.
10. International comparison – select of countries, comparison of data, international comparison of gross domestic product, international statistical organs and their publications.
11. Methods of multidimensional comparison – determining the type of variables, methods of creating a synthetic variable (order method, scoring method, method of standardised variable, method of distance from the fictitious object).
12. Directions and concepts in index theory – basic forms of classical price indices.
13. Directions and concepts in index theory – directions of modern index theory (asymmetric forms of price index numbers, regression, functional approach, Stuvel´s, Divisi´s index).

Language whose command is required to complete the course:
Slovak

Notes:

Assessment of courses
Total number of evaluated students: 282

A	B	C	D	E	FX
21.99	20.92	21.28	17.38	18.09	0.35

Lecturer: Ing. Ján Bolgáč, Ing. Ľubica Hurbánková, PhD., Ing. Katarína Moravčíková, PhD.

Date of the latest change: 07.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the

delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KOVE FHI/ IIB21131/22	**Title of course:** Operations Research I

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 7

Recommended semester/trimester of study: 3.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
30 % work at seminars and writing of projects
70 % combined final exam

Student workload:
182 hours
26 hours lecture attendance
26 hours seminar attendance
26 hours preparation for lectures
26 hours preparation for seminars
26 hours writing a seminar paper
52 hours preparation for final exam

Teaching results:
Upon successful completion of the course, students will acquire the following knowledge:
- knowledge of operations research to analyze economic phenomena and processes,
- knowledge of operations research to model economic phenomena and processes.
- knowledge of operations research to evaluate and set strategies for economic processes.

Upon successful completion of the course, students will acquire the following skills:
- ability to use models and methods of operations research,
- ability to work with adequate software to solve operations research problems.

Upon successful completion of the course, students will acquire the following competencies:
- practical skills and competences with the application of models and methods of operations research in the analysis of economic problems in the field of economic practice using adequate software.

Indicative content:
1. Quantitative approach to management. Management and operations research, mathematical models and methods in economics.
2. Classification of standard models and methods. Stages of problem solving. Mathematical apparatus for basic models of operations research.
3. Structural models of the company. Basic structure of the model, direct and full consumption coefficients of internal and external sources.
4. Optimization methods for business management.

5. Mathematical programming problems. The essence of linear programming.
6. Formulation of linear programming problems. Geometric solution of linear programming problems.
7. Solving linear programming problems by simplex method.
8. Duality in linear programming problems. Economic interpretation of duality.
9. Sensitivity analysis of the optimal solution of the linear programming problem.
10. The essence of distribution problems. Transport problems and their properties.
11. Formulation of balanced and unbalanced transport problems.
12. Solving of balanced and unbalanced transport problems. Problems of degeneration.
13. Different types of assignment problems and solution of these tasks.

Support literature:

1. Brezina, I., Pekár, J.: Úvod do operačného výskumu I. Letra Edu. 2018.
2. Brezina, I., Pekár, J.: Úvod do operačného výskumu II. Letra Edu. 2019.
3. Brezina, I., Pekár, J: Operačná analýza v podnikovej praxi. Bratislava: Vydavateľstvo EKONÓM 2014
4. Ivaničová, Z., Brezina, I., Pekár, J.: Operačná analýza. Bratislava: IURA Edition 2007
5. Chocholatá, M., Čičková, Z., Furková, A.: Operačná analýza. Zbierka príkladov. Bratislava: IURA Edition 2008.
6. Ivaničová, Z., Brezina, I., Pekár, J.: Operačný výskum, IURA Edition, Bratislava 2002
7. Taha, H.A.: Operations Research: An Introduction 10th Edition. Prentice Hall, New Jersey 2017
8. Eiselt, H. A., Sandblom, C.-L.: Operations Research. Springer 2012.

Syllabus:

Language whose command is required to complete the course:
Slovak

Notes:

Assessment of courses
Total number of evaluated students: 319

A	B	C	D	E	FX
5.96	9.09	13.79	19.44	44.51	7.21

Lecturer: doc. Ing. Michaela Chocholatá, PhD.

Date of the latest change: 21.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KOVE FHI/ IIB21132/22	**Title of course:** Operations Research II

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 4.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
30 % work at seminars and writing of projects
70 % combined final exam

Student workload:
156 hours,
26 hours lecture attendance
26 hours seminar attendance
26 hours preparation for lectures
26 hours preparation for seminars
26 hours writing a seminar paper
26 hours preparation for final exam

Teaching results:
Upon successful completion of the course, students will acquire the following knowledge:
- knowledge of operations research to analyze economic phenomena and processes,
- knowledge of operations research to model economic phenomena and processes.
- knowledge of operations research to evaluate and set strategies for economic processes.

Upon successful completion of the course, students will acquire the following skills:
- ability to use models and methods of operations research,
- ability to work with adequate software to solve operations research problems.

Upon successful completion of the course, students will acquire the following competencies:
- practical skills and competences with the application of models and methods of operations research in the analysis of economic problems in the field of economic practice using adequate software.

Indicative content:
1. Basic types of network analysis problems. Network analysis and linear programming.
2. The problem of the shortest path in the network.
3. The traveling salesman problem. Nearest neighbour algorithm.
4. The essence of finding a critical path. CPM method.
5. Models of scheduling operations. Moore's algorithm.
6. Smith's algorithm.
7. Lawler's algorithm.

8. Inventory modeling. Nature and classification of inventory models. Deterministic inventory models. Inventory models without deficit and with deficit.
9. Modeling of queuing problems. Basic concepts and elements of queuing problem models. Basic models of queuing problems. Models without waiting.
10. Queuing problem models with waiting.
11. Optimization in queuing problem models.
12. Modeling of recovery processes. Recovery models with simple reproduction with a homogeneous and with a diverse initial age structure.
13. Modeling of recovery strategy.

Support literature:

1. Brezina, I., Pekár, J.: Úvod do operačného výskumu I. Letra Edu. 2018.
2. Brezina, I., Pekár, J.: Úvod do operačného výskumu II. Letra Edu. 2019.
3. Brezina, I., Pekár, J: Operačná analýza v podnikovej praxi. Bratislava: Vydavateľstvo EKONÓM 2014
4. Ivaničová, Z., Brezina, I., Pekár, J.: Operačná analýza. Bratislava: IURA Edition 2007
5. Chocholatá, M., Čičková, Z., Furková, A.: Operačná analýza. Zbierka príkladov. Bratislava: IURA Edition 2008.
6. Ivaničová, Z., Brezina, I., Pekár, J.: Operačný výskum, IURA Edition, Bratislava 2002
7. Taha, H.A.: Operations Research: An Introduction 10th Edition. Prentice Hall, New Jersey 2017
8. Eiselt, H. A., Sandblom, Carl-Louis: Operations Research. Springer 2012.

Syllabus:

Language whose command is required to complete the course:
Slovak

Notes:

Assessment of courses
Total number of evaluated students: 287

A	B	C	D	E	FX
12.2	13.24	22.65	17.07	32.4	2.44

Lecturer: prof. Mgr. Juraj Pekár, PhD.

Date of the latest change: 21.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KET NHF/INE22001/21	**Title of course:** Principles of Economics

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 6

Recommended semester/trimester of study: 1.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
individual work, written test, team work, written exam
Seminars 40%, of which:
Activity at seminars 15%
Elaboration and presentation of a team
case study 10%
Written tests. 15%
Final written exam 60%

Student workload:
Total student workload: 156 hours. Of which:
Face to face instruction - lectures: 26 hours
Face to face instruction - seminars: 26 hours
Preparation for seminars: 13 hours
Preparation of a team case study: 18 hours
Preparation for written tests: 21 hours
Preparation for the final exam: 52 hours

Teaching results:
Knowledge:
Students acquire introductory knowledge of economics. They are able to understand the behaviour of economic agents at the micro level and understand key macroeconomic variables and interaction between them.
Competences:
Students acquire competences in the field of analysis of functioning of a market and behaviour of economic agents, as well as analysis of the development of macroeconomic variables and understanding relationship between them.
Skills:
The course develops analytical and presentation skills of students and ability to work in a team.

Indicative content:
Subject and methodology of economics. Economic principles, types of economies. Key economic problems. Market and market mechanism, demand, supply, equilibrium price. Elasticity of demand and supply. Consumer behaviour in a market economy in perfectly competitive market. Decision-

making of firms in the market for goods and services in a competitive market and in individual forms of imperfect competition. Market for factors of production, income distribution, income inequalities at the national and global levels, alternative ways to address them. Macroeconomic equilibrium, aggregate demand and aggregate supply. Measuring economic performance, aggregate demand and aggregate supply. Macroeconomic equilibrium. Consumption, savings and investment. Economic growth and business cycle. The monetary sector of the economy, price stability and monetary policy. Government budget, public debt and fiscal policy. Introduction into open economy macroeconomics.

Support literature:

PARKIN, M.: Economics, 12th edition. Harlow: Pearson Education, 2016.
MANKIW, G.M.: Principles of Economics, 8th edition. Boston: Cengage Learning, 2017.
LEVITT, D. S. – DUBNER, S. J.: Freakonomics (A Roque Economist Explores the Hidden Side of Everything). William Morrow Ltd., 2006.
LEVITT, D. S. – DUBNER, S. J.: SuperFreakonomics, William Morrow Ltd., 2011.
THALER, R. – SUNSTEIN, C. R.: Nudge (Improving Decisions about Health, Wealth and Happiness. Yale University Press, 2008.
WHEELAN, CH.: Naked Economics: Undressing the Dismal Science, 3rd edition. W. W. Norton & Company, 2019.
ACEMOGLU, D. – ROBINSON, J.: Why Nations Fail: The Origins of Power, Prosperity, and Poverty. Currency, 2013.
Support literature:
Compulsory literature:
1. PARKIN, M.: Economics, 12th edition. Harlow: Pearson Education, 2016.
2. MANKIW, G.M.: Principles of Economics, 8th edition. Boston: Cengage Learning, 2017.
Suggested readings:
1. LEVITT, D. S. – DUBNER, S. J.: Freakonomics (A Roque Economist Explores the Hidden Side of Everything). William Morrow Ltd., 2006.
2. LEVITT, D. S. – DUBNER, S. J.: SuperFreakonomics, William Morrow Ltd., 2011.
3. THALER, R. – SUNSTEIN, C. R.: Nudge (Improving Decisions about Health, Wealth and Happiness. Yale University Press, 2008.
4. WHEELAN, CH.: Naked Economics: Undressing the Dismal Science, 3rd edition. W. W. Norton & Company, 2019.
5. ACEMOGLU, D. – ROBINSON, J.: Why Nations Fail: The Origins of Power, Prosperity, and Poverty. Currency, 2013.
6. Econ Talk, available at: econtalk.org
7. Financial Times, available at: ft.org
8. Freakonomics, available at: freakonomics.org
9. Marginal revolution university, available at: mru.org

Syllabus:

Lectures/seminars topics
WEEK 1
Introduction to economics.
Definition of economics. Micro and macroeconomics. Two approaches to economics (positive and normative economics). Methodology of economics. Basic economic laws. Basic issues of the organization of the economy and their solution in different economic systems. Production possibility frontier, its applications and role in economics.
WEEK 2
Market and market mechanism. Demand, supply and equilibrium price.

Market mechanism and its functioning. Market failures, externalities, and public goods. Demand and demand curve, law of diminishing demand. Factors influencing the size of demand and the shift of the demand curve. Supply and supply curve, law of increasing supply. Factors influencing the size of supply and the shift of the supply curve. Individual, market and aggregate demand. Individual, market and aggregate supply. Market equilibrium, equilibrium price and equilibrium quantity.

WEEK 3

Elasticity of demand and supply.

Elasticity of demand – concept, factors influencing price elasticity of demand. Price elasticity of demand and its effect on total revenue. The relevance of the concept of elasticity for decision making process of companies. Price elasticity of demand and cross elasticity. Price elasticity of supply – calculation and factors influencing elasticity of supply. The relevance of elasticity in decision making process of firms.

WEEK 4

Consumer equilibrium.

Neoclassical theory. Cardinal and ordinal utility theory. Consumer equilibrium and the marginal utility theory in cardinal utility theory. Indifference analysis (indifference curve, indifference map, budget line) and consumer equilibrium in ordinal theory of utility. The impact of the good price and income changes on consumer equilibrium.

WEEK 5

Costs, revenues and profit of the firm. Firm in a competitive market.

Firm and its main goal. Costs and cost in the short run and in the long run. Total, average and marginal costs. Firm revenues. Main features of a competitive market. Individual demand for the firm´s production. Equilibrium of a firm in a competitive market in the short and in the long run.

WEEK 6

Imperfectly competitive market structures, monopoly, oligopoly, monopolistic competition.

Causes of imperfection structure and its forms. Monopoly, types of monopoly. Equilibrium of a monopoly in the short and in the long run. Price discrimination. Inefficiency of a monopoly. Oligopoly and its forms. Equilibrium of an oligopoly firm in different models. Characteristics of monopolistic competition. Equilibrium of a firm in monopolistic competition in the short- and in the long-runs.

WEEK 7

Market of factors of production. Income distribution.

Demand for production factors as a derived demand. Marginal productivity theory and decision of a firm on the optimal amount of inputs. Individual markets for inputs. Labour market – labour supply and labour demand. Substitution and income effect of the wage change. Imperfections on the labour market. Market for land –supply and demand of land, market equilibrium. Capital market –supply and demand of capital, market equilibrium. Income distribution, measuring income inequality. Sources of income inequality, the analysis of its roots.

WEEK 8

Measuring macroeconomic performance, AD and AS model.

Measuring of economic activity – GDP, methods of GDP calculation, nominal and real GDP. Net domestic product, gross national product, net national product, national income. Alternative ways of measuring economic performance. Definition of aggregate demand and aggregate supply, factors influencing the size of AD and AS, alternative approaches to AD and AS. The use of the AD-AS model in macroeconomic analysis.

WEEK 9

Consumption, savings and investment.

Consumption as the largest component of aggregate demand. Changes in consumption and their effect on AD. Consumption function, average propensity to consume and marginal propensity to

consume. Savings and savings function. Average and marginal propensity to save. Expenditure equilibrium in a closed economy. Investment and its effects. Investment multiplier and its relevance, investment accelerator.
WEEK 10
Economic growth and business cycle.
Economic growth, its measurement. Sources of economic growth. Ways to ensure sustainable economic growth. Problems of economic growth in developed and less developed countries. Business cycle – its phases. Impact of the business cycle on key macroeconomic variables. Business cycle caused by shocks in aggregate demand and aggregate supply. Business cycle in the AS-AD model. Okun law.
WEEK 11
Money, inflation, unemployment.
The nature and functions of money. Money supply and monetary aggregates. Money demand and money demand theories, liquidity preference theory and quantitative theory of money. Creation of bank money and money market multiplier. Inflation and its measurement. Demand pull inflation and cost push inflation. Costs of inflation. Deflation and its impact on the economy. Unemployment and measurement of unemployment. Forms of unemployment. Natural rate of unemployment. Phillips curve and its versions.
WEEK 12
Fiscal policy. Monetary policy.
Fiscal policy. Revenues and expenditures of government budget. Government budget deficit and public debt. Fiscal policy objectives and measures. Stabilization fiscal policy. Automatic stabilizers. Discretionary fiscal policy and discretionary fiscal policy instruments. Short-term and long-term effects of fiscal policy in the AS-AD model, impacts of the fiscal policy on AD and AS. Monetary policy, monetary policy objectives and measures. Types of monetary policy. Monetary policy transmission mechanism. Indirect monetary policy instruments. Short-term and long-term impacts of the monetary policy in the AS-AD model. Non-standard monetary policy instruments.
WEEK 13
International trade, international monetary relations.
The nature and causes of the existence of international trade. Theories of international trade, absolute advantage and comparative advantage. Foreign trade policy instruments – tariffs and quotas and their effects on the efficiency of resource allocation. International movement of capital and its forms. Equilibrium on the international capital market. Balance of payments and its structure. Exchange rate and its formation on foreign exchange market. Exchange rate systems. International monetary system.

Language whose command is required to complete the course:

Notes:

Assessment of courses

Total number of evaluated students: 510

A	B	C	D	E	FX
1.96	6.47	17.84	25.29	30.0	18.43

Lecturer: Ing. Karol Trnovský, PhD., Dr. habil. Ing. Mgr. Zsolt Horbulák, PhD., Ing. Ivana Lennerová, PhD., Ing. Eleonóra Matoušková, PhD., prof. Ing. Magdaléna Přívarová, CSc., doc. Ing. Marta Martincová, CSc., Ing. Peter Adamovský, PhD., Ing. Zuzana Brinčíková, PhD., prof. Ing. Anetta Čaplánová, PhD., Ing. Ľubomír Darmo, PhD., prof. Dr. Sophia Dimelis, Ph.D., Ing. Ivan Francisti, John Gilbert, doc. Ing. Vieroslava Holková, CSc., Ing. Peter Leško, PhD., Ing. Róbert Mészáros, MBA, Ing. Mgr. Hussein Mkiyes, B.Sc., prof. Ing. Eva Muchová, PhD., Ing.

Marcel Novák, PhD., Ing. Andrej Přívara, PhD., Ing. Eva Sirakovová, PhD., László Szakadát, Ing. Matej Valach, PhD., Ing. Lucia Johanesová, Ing. Peter Martiška, Mgr. Lucia Kováčová, M.A.

Date of the latest change: 03.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KMA FHI/IIC21040/21	**Title of course:** Probability Theory I

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 7

Recommended semester/trimester of study: 3.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
30% 2 written works (using software support),
70% written exam (using software support)

Student workload:
Total study load (in hours): 156 hours
26 hours - participation in lectures,
26 hours - participation in exercises,
26 hours - preparation for exercises, homeworks,
20 hours - preparation for written works,
58 hours - self-study in preparation for the exam.

Teaching results:
After completing the course Probability Theory I, it is assumed that students will acquire knowledge and skills in the field of probability distributions, which can be used in a stochastic approach to problem solving. Also thanks to the software support of the R language and an innovative approach in the form of simulations of the values of a random variable, a better and deeper understanding of the meaning of various numerical characteristics and their interpretations, and clearer approach to mastering the probabilistic apparatus. This creates the potential for future stochastic analyzes of data that are used in various sectors of practice. The acquired knowledge, competencies and skills are a basic prerequisite for subsequent education in the field of statistics.
Knowledge
Students will gain knowledge of concepts and rules within the calculation of probability in connection with the theory of random events, they will be able to interpret the calculated probability based on its statistical definition. It is assumed that they can handle the issue of a random variable in the context of its probability distribution and numerical characteristics. They will also gain knowledge of selected discrete and continuous probability distributions used to solve problems in practice. The prerequisite is also the control of the meaning of the law of large numbers, determining the accuracy of the estimation of theoretical probability using relative frequency based on limit theorems. Emphasis is placed on understanding the meaning and interpretation of these findings and the apparatus used from the point of view of probability theory, in connection with the real acquisition of values of a random variable.
Competences

Based on the above knowledge, students are able to solve problems based on a stochastic approach within the new acquired competencies. To achieve relevant results, they can choose a probability distribution that appropriately describes the assigned task. Based on graphical interpretations of the analyzed distribution by means of the probability density function and frequency histogram are competent to decide on its important characteristics. In this context, they think about creative comparisons through creative thinking, for example within the theory of mean and variance. The acquired knowledge enables them to interpret the determined numerical characteristics with the needs of analytical practice, for example in the case of quantiles to present these values not only graphically, but also in the context of the percentage acquisition of values of a random variable. In connection with the law of large numbers and limit theorems, they are able to comment on the issue of the implementation of repeated independent experiments in connection with the estimation of the probability of occurrence of the observed event.
Skills
Within the software support of the R language, they will acquire certain skills also in this environment, while to obtain the required outputs they use prepared source codes and rewrite only those parameters which are marked in bold. Other skills include the implementation of simulations of random variable values from selected discrete and continuous distributions used in practice, as well as skills in creating frequency histograms and verification based on the processing of such generated values. Important skills are the implementation of various probability calculations to determine the probabilities and numerical characteristics, and in addition to verbal, especially their graphical interpretation, not only using functions available in the environment in the R language.

Indicative content:

1. The probability of a random event.
2. Addition and multiplication of probabilities, conditional probability.
3. Repeated independent and dependent experiments.
4. Discrete random variable.
5. Continuous random variable.
6. Generation of values of discrete and continuous random variable.
7. Numerical characteristics of a discrete random variable.
8. Numerical characteristics of a continuous random variable.
9. Discrete distributions: binomial, geometric, negative binomial distribution.
10. Discrete distributions. hypergeometric, Poisson distribution, approximations.
11. Continuous distributions: uniform distribution, exponential, gamma distribution and others.
12. Continuous distributions: normal and normed normal distribution.
13. Law of large numbers, central limit theorems.

Support literature:

1. Mucha,V., Páleš, M.: Teória pravdepodobnosti pre ekonómov. S podporou jazyka R. Letra Edu. 2018.
2. Horáková, G., Huťka, V.: Teória pravdepodobnosti. Ekonóm. 2010.
3. Dobrow, R.: Probability: With Applications and R. John Wiley & Sons. 2014.
4. Horgan, J.: Probability with R. An Introduction with Computer Science Applications. John Wiley & Sons. 2009.

Syllabus:

1. The probability of a random event.
2. Addition and multiplication of probabilities, conditional probability.
3. Repeated independent and dependent experiments.
4. Discrete random variable.
5. Continuous random variable.
6. Generation of values of discrete and continuous random variable.

7. Numerical characteristics of a discrete random variable.
8. Numerical characteristics of a continuous random variable.
9. Discrete distributions: binomial, geometric, negative binomial distribution.
10. Discrete distributions. hypergeometric, Poisson distribution, approximations.
11. Continuous distributions: uniform distribution, exponential, gamma distribution and others.
12. Continuous distributions: normal and normed normal distribution.
13. Law of large numbers, central limit theorems.

Language whose command is required to complete the course:
slovak

Notes:

Assessment of courses
Total number of evaluated students: 294

A	B	C	D	E	FX
10.88	7.82	13.61	18.37	40.82	8.5

Lecturer: doc. Mgr. Vladimír Mucha, PhD., doc. Ing. Michal Páleš, PhD.

Date of the latest change: 01.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KOVE FHI/ IIB21993/22	**Title of course:** Seminar to Final Thesis I

Type, load and method of teaching activities:
Form of course: Practical / Seminar
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 2

Recommended semester/trimester of study: 5.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
individual work, written project-work of Final Thesis, credits

Student workload:
52 hours,
participation in seminars: 26 hours
processing prescribed tasks by the supervisor of Final Thesis: 26 hours

Teaching results:
By completing the Seminar to Final Thesis I is student able to:
- gather, process and interpret professional literature from selected field of study
- clarify/define research problems
- present creative procedures and solutions in the field of research problems

Indicative content:
- gathering and processing of basic professional literature in the field of final thesis research
- preparing the final thesis framework/structure – chapters and subchapters
- choosing the methods of processing the final thesis
- time arrangement of work schedule for each part of the final thesis

Support literature:
According to the specified final thesis theme

Syllabus:

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

Notes:

Assessment of courses
Total number of evaluated students: 19

NZ	Z
0.0	100.0

Lecturer:
Date of the latest change: 05.04.2022
Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: KOVE FHI/ IIB21994/22	**Title of course:** Seminar to Final Thesis II

Type, load and method of teaching activities:
Form of course: Practical / Seminar
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 2

Recommended semester/trimester of study: 6.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
individual work, written project-work of Final Thesis, credits

Student workload:
participation in seminars: 26 hours
processing prescribed tasks by the supervisor of Final Thesis: 26 hours

Teaching results:
By completing the Seminar to Final Thesis I is student able to:
- gather, process and interpret professional literature from selected field of study
- clarify/define research problems
- present creative procedures and solutions in the field of research problems

Indicative content:
- gathering and processing of basic professional literature in the field of final thesis research
- preparing the final thesis framework/structure – chapters and subchapters
- choosing the methods of processing the final thesis
- time arrangement of work schedule for each part of the final thesis

Support literature:
According to the specified final thesis theme

Syllabus:

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

Notes:

Assessment of courses
Total number of evaluated students: 13

NZ	Z
0.0	100.0

Lecturer:

Date of the latest change: 05.04.2022
Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: CTVŠ EU/ITA150101L/21	**Title of course:** Sport

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 1

Recommended semester/trimester of study: 2.

Degree of study:

Prerequisites:

Requirements to complete the course:
tests throughout semester
credits
tests – somatometric, motoric and functional

Student workload:
26

Teaching results:
Compensation of mental load, influence on physical, functional and motoric development. Prevention of civilizational diseases, metabolic syndrom and diseases caused by sedentary lifestyle. Forming of lasting relationship with sport, gaining knowlage about proper nutrition and lifestyle. Improvement of basic motoric skills, improvement of typological parameters.

Indicative content:
According to individual physical activities: aerobics, basketball, badminton, bodywork, fitball aerobics, floorball, football, futsal, interval training, yoga, fitness running, fitness bodybuilding, summer courses, modern dance, pilates, swimming, relax stretching, step aerobics, table tennis, tabata, theoretical lectures, tennis, hiking, volleyball, winter courses.

Support literature:
1. BEAN, A., 2008. The Complete Guide to Strength Training. London: A& C Black. ISBN 978-1-408-10539-9.
2. SCHUMANN, M. and B. R. RØNNESTAD, 2018. Concurrent Aerobic and Strength Training: Scientific Basics and Practical Applications. Switzerland: Springer International Publishing AG, part of Springer Nature 2019. ISBN 978-3-319-75546-5.
3. BERNING, J. R. and S. N. STEEN, 2005. Nutrition for Sport and Exercise. United States of America: Jones and Bartlett Publishers. ISBN 0-7637-3775-5.
4. NATHIAL, S. M., 2020. Anatomy and Physiology of Physical Education. India: Friends Publications. ISBN 978-93-88457-79-8.
5. TORABI, M. R., K. L. FINLEY and C. O. OLCOTT, 2013. Healthy Lifestyle: Top ten Preventable Causes of Premature Death with Real Stories of Change. Bloomington: AuthorHouse. ISBN 978-1-4817-1617-8.

6. MORIN, A. J. S., C. M. D. TRACEY and R. G. CRAVEN, 2017. Inclusive Physical Activities: International Perspectives. United States of America: Information Age Publishing. ISBN 978-1-68123-852-4.

Syllabus:

Language whose command is required to complete the course:
Slovak language/English language

Notes:
Completion of summer/ winter physical education course/camp

Assessment of courses
Total number of evaluated students: 473

NZ	Z
0.0	100.0

Lecturer: Mgr. Dana Čechvalová, PaedDr. Július Dubovský, Mgr. Martin Hančík, Mgr. Roman Heriban, Mgr. Peter Hložek, PaedDr. Ján Janík, PaedDr. Mária Kalečíková, Mgr. Drahomíra Lorinczová, PhD., Mgr. Eva Matulníková, Mgr. Saša Orviský, Mgr. Igor Partl, PaedDr. Lenka Podgórska, Mgr. Eva Ráková, PaedDr. Viktor Škultéty, Mgr. Zuzana Voltnerová, Mgr. Anita Lámošová, Mgr. Katarína Péliová, PhD.

Date of the latest change: 21.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava

Faculty: Faculty of Economic Informatics

Course code: CTVŠ EU/ITA150101Z/21	**Title of course:** Sport

Type, load and method of teaching activities:
Form of course: Practical
Recommended load of course (number of lessons):
Per week: 2 **Per course:** 26
Method of study: present

Number of credits: 1

Recommended semester/trimester of study: 1.

Degree of study:

Prerequisites:

Requirements to complete the course:
tests throughout semester
credits
tests – somatometric, motoric and functional

Student workload:
26

Teaching results:
Compensation of mental load, influence on physical, functional and motoric development. Prevention of civilizational diseases, metabolic syndrom and diseases caused by sedentary lifestyle. Forming of lasting relationship with sport, gaining knowlage about proper nutrition and lifestyle. Improvement of basic motoric skills, improvement of typological parameters.

Indicative content:
According to individual physical activities: aerobics, basketball, badminton, bodywork, fitball aerobics, floorball, football, futsal, interval training, yoga, fitness running, fitness bodybuilding, summer courses, modern dance, pilates, swimming, relax stretching, step aerobics, table tennis, tabata, theoretical lectures, tennis, hiking, volleyball, winter courses.

Support literature:
1. BEAN, A., 2008. The Complete Guide to Strength Training. London: A& C Black. ISBN 978-1-408-10539-9.
2. SCHUMANN, M. and B. R. RØNNESTAD, 2018. Concurrent Aerobic and Strength Training: Scientific Basics and Practical Applications. Switzerland: Springer International Publishing AG, part of Springer Nature 2019. ISBN 978-3-319-75546-5.
3. BERNING, J. R. and S. N. STEEN, 2005. Nutrition for Sport and Exercise. United States of America: Jones and Bartlett Publishers. ISBN 0-7637-3775-5.
4. NATHIAL, S. M., 2020. Anatomy and Physiology of Physical Education. India: Friends Publications. ISBN 978-93-88457-79-8.
5. TORABI, M. R., K. L. FINLEY and C. O. OLCOTT, 2013. Healthy Lifestyle: Top ten Preventable Causes of Premature Death with Real Stories of Change. Bloomington: AuthorHouse. ISBN 978-1-4817-1617-8.

6. MORIN, A. J. S., C. M. D. TRACEY and R. G. CRAVEN, 2017. Inclusive Physical Activities: International Perspectives. United States of America: Information Age Publishing. ISBN 978-1-68123-852-4.

Syllabus:

Language whose command is required to complete the course:
Slovak language/English language

Notes:
Completion of summer/ winter physical education course/camp

Assessment of courses
Total number of evaluated students: 686

NZ	Z
0.0	100.0

Lecturer: PaedDr. Július Dubovský, Mgr. Roman Heriban, Mgr. Peter Hložek, PaedDr. Ján Janík, PaedDr. Mária Kalečíková, Mgr. Drahomíra Lorincziová, PhD., Mgr. Saša Orviský, PaedDr. Lenka Podgórska, PaedDr. Viktor Škultéty, Mgr. Zuzana Voltnerová, Mgr. Katarína Péliová, PhD.

Date of the latest change: 21.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KŠ FHI/IID22001/21	**Title of course:** Statistical Methods I

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 8

Recommended semester/trimester of study: 2.

Degree of study: I.

Prerequisites:

Requirements to complete the course:
30% assignments (2 assignments)
70% final exam (30% theoretical part, 40% practical part)

Student workload:
Total study load (in hours): 208 hours
Distribution of study load
Lectures participation: 26 hours
Seminar participation: 26 hours
Preparation for seminars: 52 hours
Preparation for assignments: 52 hours
Preparation for final exam: 52 hours

Teaching results:
After successful completion of this class, students will be able to make elementary statistical analyses based on descriptive statistics and statistical inference and will be able to interpret the results of these analyses correctly.
In particular, students will acquire the following abilities:
− Students will acquire knowledge about the descriptive statistics through which they will be able to describe properties of the statistical dataset.
− Students will acquire knowledge about the the theoretical distributions of statistical variables and about the principles of statistical inference.
− They will get acquainted with the principle of the one-way ANOVA and will acquire knowledge to verify the assumptions of ANOVA.
Students will acquire in particular the following skills:
− Students will be able to perform calculations for the relevant statistical procedures (descriptive statistics, statistical inference), both by their own calculations as well as with the use of a statistical software (e.g. SAS, Statgraphics).
− Students will learn to adequately interpret the results.
Students will acquire the following competencies:
− Students will be able to use the above stated knowledge and skills in solving practical tasks from economic practice.

Indicative content:

The course Statistical methods I provides students with basic knowledge of two areas of statistics, namely descriptive statistics and statistical inference. In this course, students will acquire the knowledge and skills needed to understand other statistical (but also generally quantitative) methods and procedures.

Support literature:

Labudová, V., Pacáková, V., Sipková, Ľ., Šoltés, E., Vojtková, M. (2021). Štatistické metódy pre ekonómov a manažérov. Bratislava: Iura Edition.
Šoltés, E. a kol. (2018). Štatistické metódy pre ekonómov – zbierka príkladov. Bratislava: Iura Edition.
Marek, L. a kol. (2007). Statistika pro ekonomy. Praha: Kamil Mařík – Professional Publishing.
Marek, L. a kol. (2015). Statistika v příkladech (2. vyd.). Praha: Kamil Mařík – Professional Publishing.
Johnson, R. A., Bhattacharyya, G. K. (2019). Statistics: principles and methods. John Wiley & Sons.
Literature will be continuously updated with the latest scientific and professional titles.

Syllabus:

Syllabus:
1. Basic statistical terms.
2. Tabular and graphical presentation of statistical data.
3. Descriptive statistics (measures of location, measures of variability)
4. Descriptive statistics (measures of distribution shape)
5. Probability distributions. Sampling distributions. Central limit theorem.
6. Basic terms of statistical inference. Random sampling techniques. Point estimates and their properties.
7. Principle of interval estimates. Interval estimates of a population mean, variance and proportion.
8. Principle of hypothesis tests. Hypothesis tests about a population mean, variance and proportion.
9. Inferences about two population means, two variances and two proportions.
10. Analysis of variance (One-way ANOVA).
11. Assumptions for ANOVA.
12. Tests of Goodness of fit.
13. Summary.

Language whose command is required to complete the course:

Slovak

Notes:

Assessment of courses

Total number of evaluated students: 268

A	B	C	D	E	FX
8.21	15.3	18.28	19.78	34.33	4.1

Lecturer: Ing. Ján Bolgáč, Mgr. Eva Fekiačová, Ing. Ľubica Hurbánková, PhD., Ing. Silvia Komara, PhD., Ing. Martina Košíková, PhD., RNDr. Eva Kotlebová, PhD., Ing. Jana Kútiková, doc. RNDr. Viera Labudová, PhD., Ing. Patrik Mihalech, Ing. Katarína Moravčíková, PhD., doc. Ing. Ľubica Sipková, PhD., RNDr. Daniela Sivašová, PhD., Ing. Romana Šipoldová

Date of the latest change: 07.02.2022

Approved by: Person responsible for the delivery, development and quality of the study programme prof. Mgr. Erik Šoltés, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Michaela Chocholatá, PhD., Person responsible for the delivery, development and quality of the study programme prof. Mgr. Juraj Pekár, PhD., Person responsible for the delivery, development and quality of the study programme prof. Ing. Martin Lukáčik, PhD., Person responsible for the delivery, development and quality of the study programme doc. Ing. Mária Vojtková, PhD.

DESCRIPTION OF COURSE

University: University of Economics in Bratislava	
Faculty: Faculty of Economic Informatics	
Course code: KŠ FHI/IID22006/21	**Title of course:** Statistical Methods II

Type, load and method of teaching activities:
Form of course: Lecture / Practical
Recommended load of course (number of lessons):
Per week: 2 / 2 **Per course:** 26 / 26
Method of study: present

Number of credits: 7

Recommended semester/trimester of study: 3.

Degree of study: I.

Prerequisites: KŠ FHI/IID22001/21-Statistical Methods I

Requirements to complete the course:
30% assignments (2 assignments)
70% final exam (30% theoretical part, 40% practical part)

Student workload:
Total study load (in hours): 182 hours
Distribution of study load
Lectures participation: 26 hours
Seminar participation: 26 hours
Preparation for seminars: 39 hours
Preparation for assignments: 39 hours
Preparation for final exam: 52 hours

Teaching results:
After successful completion of this class, students will be able to analyze relationship between 2 statistical variables by means of simple linear regression, correlation analysis and categorical data analysis. Moreover, students will be able to do analyses of economic indicators based on time series analysis and index numbers.
In particular, students will acquire the following abilities:
− Students will acquire knowledge about the terms, principles and methods used in the mentioned areas of statistics.
Students will acquire in particular the following skills:
− Students will be able to perform calculations for the relevant statistical procedures (simple linear regression analysis, correlation analysis, analysis of contingency table, time series analysis, index numbers), both by their own calculations as well as with the use of a statistical software (e.g. Statgraphics, SAS).
− Students will learn to adequately interpret the results.
Students will acquire the following competencies:
− Students will be able to use the above stated knowledge and skills in solving practical tasks from economic practice.

Indicative content:
The course Statistical Methods II provides students with basic knowledge of 4 areas of statistics, namely regression and correlation analysis, analysis of categorical data, time series analysis,

comparison in statistics (index numbers). This knowledge is necessary for the analysis of relationships of 2 statistical variables and for the analysis of changes and development of 1 statistical variable over time. The whole course Statistical Methods (I and II) provides the knowledge and skills necessary for the acquisition of other statistical and econometric methods and procedures.

Support literature:

Labudová, V., Pacáková, V., Sipková, Ľ., Šoltés, E., Vojtková, M. (2021). Štatistické metódy pre ekonómov a manažérov. Bratislava: Iura Edition.
Šoltés, E. a kol. (2018). Štatistické metódy pre ekonómov – zbierka príkladov. Bratislava: Iura Edition.
Marek, L. a kol. (2007). Statistika pro ekonomy. Praha: Professional Publishing.
Marek, L. a kol. (2015). Statistika v příkladech (2. vyd.). Praha: Kamil Mařík – Professional Publishing.
Johnson, R. A., Bhattacharyya, G. K. (2019). Statistics: principles and methods. John Wiley & Sons.
Literature will be continuously updated with the latest scientific and professional titles.

Syllabus:

Syllabus:
1. Introduction to simple linear regression. Least squares method. Model assumptions.
2. Overall significance of a regression. Statistical inference for parameters of regression model.
3. Prediction. Confidence interval for an individual prediction and confidence interval for the expected value (mean) of the dependent variable.
4. Correlation analysis. Pearson correlation coefficient and coefficient of determination (including statistical inference).
5. Assumptions of the classical linear regression model. Graphical analysis of residuals. Nonlinear models that are intrinsically linear. Choice of regression model.
6. Analysis of contingency tables. Chi-square test of independence.
7. Introduction to time series analysis. Elementary characteristics. Components of time series.
8. Regression models for time trends. Forecasting. Forecast accuracy measures.
9. Moving averages. Time series decomposition.
10. Regression approaches to the seasonal component of time series.
11. Simple index numbers.
12. Aggregate index numbers.
13. Summary.

Language whose command is required to complete the course:

Slovak

Notes:

Assessment of courses

Total number of evaluated students: 201

A	B	C	D	E	FX
8.96	12.44	18.91	20.9	29.35	9.45

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Date of the latest change: 07.02.2022

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