

ŠIAULIŲ VALSTYBINĖ KOLEGIJA / HIGHER EDUCATION INSTITUTION

2025-2026 a.y. Autumn semester

**Šiaulių valstybinė kolegija / Higher Education Institution
(LT SIAULIA03)**

APPLICATION FOR EXCHANGE STUDIES / TRAINEESHIP

Factsheet

Autumn semester's List of Erasmus+ subjects for academic year of 2025-2026

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2025-2026 a.y. Autumn semester

Prepared on March, 2025

FACTSHEET

TITLE	ŠIAULIŲ VALSTYBINĖ KOLEGIJA
Country / Code	Lithuania / LTU
ERASMUS code	LT SIAULIA03

Contact Information

Postal Address	Šiaulių valstybinė kolegija, Aušros av. 40, 76241 Šiauliai, Lithuania
Head of International Relations Office (Institutional Coordinator)	Eglė Lingaitienė tarptautiniai.ryšiai@svako.lt +370 41 43 37 93
Advisor for Exchange students – ERASMUS+ incomings (Departmental Coordinator)	Guoda Kačinskaitė iro@svako.lt +370 41 43 37 93

Academic Information

Language of Instruction	Lithuanian, English, Russian
Application procedures for Erasmus+ studies / traineeship	https://forms.gle/7V3TW3uv7SvAkZj9
Information about Programs	https://www.svako.lt/en/exchange-studies/erasmus-plus/courses-for-incoming-students
Credits generally required for one semester of studies	30 ECTS (Select at least 15 ECTS of subjects from one Department)
Transcript of Records and Certificate	Issued after students complete the semester's exams

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Nomination and Application for Exchange Students

Nomination deadlines	15th May for Autumn semester 15th November for Spring semester
Application deadlines	15th June for Autumn semester, for students from non-EU countries deadline is 31st May 20th December for Spring semester, for students from non-EU countries deadline is 30th November Regarding Nomination and Application deadlines please write by e-mail: iro@svako.lt
Application procedure	<ol style="list-style-type: none">1. Sending institution selects the Exchange students and sends the nominations (name, duration, field of studies, and email address of the nominated students) by email to iro@svako.lt2. All nominated students will receive information on how to apply for exchange students after receiving nomination from the sending institution.3. Students complete the application form and Learning agreement for studies / traineeship, print them out, sign them and send the SCAN by email to iro@svako.lt or fill in Online Learning Agreement here: https://learning-agreement.eu/4. Upon receiving the Application documents we will process the admission.
Documents required for incoming Exchange students	<ol style="list-style-type: none">1. Application form2. Online Learning Agreement (https://learning-agreement.eu/) or Traditional Learning agreement for studies / traineeship
Application documents	https://svako.lt/en/international-relations/erasmus-plus/admission-procedure-for-incoming-student-mobility

Additional documents (for Acceptance and Visa Application)

Documents issued for Incoming students	<ol style="list-style-type: none">1. Acceptance letter – issued after receiving the Learning agreement for studies / traineeship. This letter will be addressed for the University.2. Tarpininkavimo raštas (English – Meditorial letter) – issued after receiving copy of student passport. The Meditorial letter will be issued no earlier than 15th June for Autumn semester / 15th December for Spring semester. Meditorial letter contains information about student's studies, place of birth, Home address, accommodation address in Lithuania.
Application	All documents should be sent as a SCAN by email.

Academic Calendar

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Autumn Semester	22-09-2025 – 31-01-2026
Spring Semester	09-02-2026– 30-06-2026

Housing	
Student Dormitory	
Address	M. K. Čiurlionio 20, Šiauliai
Website	https://svako.lt/en/accommodation-4
Accommodation costs per month	130 Euros
Accommodation includes	Kitchen, kitchen ware, shower, bed linens, cloths, towels, wi-fi, etc.
Accommodation application	Students mark the necessity for accommodation while completing the Application form

Additional information			
Departure	Upon their departure students will receive:		
	1. Certificate with the dates of mobility 2. Transcript of Records – the Receiving institution's form of TOR concerning the exams taken at the SSC		
Grading system	ECTS	Local	Definition
	A	10	EXCELLENT - outstanding performance with only minor errors
	B	9	VERY GOOD - above the average standard but with some errors
	C	8	GOOD - generally sound work with a number of notable errors
	D	7	SATISFACTORY - fair but with significant shortcomings
	E	6	SUFFICIENT - performance meets the minimum criteria
	E	5	SUFFICIENT - performance meets the minimum criteria
	FX	4	FAIL - some more work required before the credit can be awarded
	FX	3	FAIL - some more work required before the credit can be awarded
	F	2	FAIL - considerable further work is required
	F	1	FAIL - considerable further work is required
	NP	-	NOT PARTICIPATED – student did not participate in the class

Business and Accounting Department

Faculty of Business and Technology

Suitable for: Accounting (0411), International Business (0410) study programme

Subject	Language	No. Credits	Content	Study programme
Management	English	5	1. The essence of management. Development of management theories. 2. Classic and new managerial theories. Modern management theories: the methodology of the systematic mind activity, ontopsychology, coaching, neuro-linguistic programming 3. The conception of the organisation. Diversity of business organisation forms, peculiarities of business branches. External and internal factors of the environment of organisations. 4. Essence and classification of management functions. 5. Planning function: the planning process, management levels and hierarchy of plans, periodicity of planned activities. 6. Organizational function: the essence of organising, the management structures of the organization, delegation, organisation of management. 7. Management function: management style, management methods, motivation, conflict management, management of changes. 8. The control function: the importance of control, preconditions of control, control systems. 9. Managerial decisions: the decision-making process. 10. Teamwork: the conception of teamwork, individual, team and group activities. The team building process.	0410
Financial accounting	English	6	1. Accounting policy of the enterprise. The essence of accounting policy. The content of financial accounting policy. Disclosure of accounting policy. Changing of accounting policy. Essence and changing of accounting estimates. 2. Accounting of income and costs. Essence of purchase and sale processes. Key accounting indicators. Ways of continuous and periodical accounting of stock. Stock valuation methods. Recognition and accounting of income. Recognition and accounting of costs. Registration of the value added tax in accounting. 3. Accounting of long-term assets. Features of attribution of assets to long-term	0411

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Basics of Finance			assets. Grouping of long-term assets in the balance sheet. Accounting of long-term intangible assets. Accounting of long-term tangible assets. Accounting of long-term financial assets. Accounting of biological assets. 4. Accounting of short-term assets. Concept and classification of short-term assets. Accounting of stock. Accounting of one-year receivables. Accounting of monetary assets. Deferred costs and accrued income. 5. Accounting of equity capital. The essence and composition of equity capital. Accounting of capital. Reserves. Calculation and distribution of earned profit. 6. Accounting of liabilities. Essence and types of liabilities. Dotations and subsidies. Provisions. Accounting of financial debts. Employment related liabilities. Accrued costs and deferred income. 7. Financial accountability. Preparation of the set of financial statements. Events after the reporting period. The content of the annual report and preparation procedure. 8. Harmonisation of calculation of taxes and their accounting with financial accounting. The essence and reasons of differences between financial and tax accountability. Accounting of permanent and temporary differences.	
	English	4	1. Essence and role of finance. Definition of the origin of finance. The object of the science of finance. Development of the science of finance. Finance theories. Finance functions, composition and role. Monetary resources of economic entities and state. 2. The system of finance. The concept, functions of the system of finance. Operational motives of the system of finance. Functioning of the system of finance. Financial management institutions and their functions. Finance policy and finance management. 3. State budgetary system, non-budgetary funds. Description of the budget. Historical development of the budget. Origin, essence, functions of the budget, structure, principles of the budgetary system. Budget making forms, the process, stages of the budget, revenue and expenditure of state budget. Non-budgetary funds: concept, functions. Essence and functions of state finance management, state finance management institutions. 4. Cash. The time value of money. The concept of cash flow and discounting of cash flow. The present, the future value. Single and periodic cash flows. Interest calculation methods. 5. The credit system and financial institutions. The Bank of Lithuania and its role in the credit system. International financial institutions. Functions and operations of commercial banks. Activities of Lithuanian Central Credit Union. Credit unions, their activities and functions. Activities of payment institutions. Essence and necessity of credit, functions of credit. The credit system and its operation. Forms and types of credits. Principles of credits. Interest and the cost of credit. The loan recovery plan. The system of credit institutions. Assessment of bonds and shares.	0411
Tax system	English	6	1. The state tax system: the importance of taxes. Functions of taxes. Taxation objectives and principles. 2. The Lithuanian tax system: types of taxes and their classification. Elements of taxes. 3. Personal income tax (PIT): PIT payers, object, tariffs, the income recognition procedure, income classes, procedure of tax calculation, payment, declaration. 4. State social insurance and compulsory health insurance taxes: types of state social and compulsory health insurance, payers, object, tariffs, amount of instalments, procedure of payment, declaration. 5. Profit tax (PT): PT payers, rates, recognition of income and costs, the	0411

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Financial analysis			procedure of calculation of the taxable profit, allowable deductions and deductions of limited amounts, disallowable deductions, procedure of PT payment, declaration. 6. Value Added Tax (VAT): VAT payers, registering as the VAT payer, object of VAT, tariffs, taxable event, taxable value, VAT statement, the tax period, procedure of VAT payment, declaration. 7. Other taxes: instalments to the guarantee fund. The tax for environmental pollution. Real estate tax. Excise.	
	English	7	1. The significance of financial analysis and its place in the management system of the enterprise. 2. The object, types, ways of the financial analysis, accountability and its analysis. 3. Absolute financial indicators, their classification, assessment and provided information. Dynamic and structural analysis of financial statements. 4. Relative financial indicators, their classification, assessment and provided information 4.1. Profitability indicators 4.2. Performance efficiency indicators and their analysis 4.3. Solvency indicators (short and long term) and their analysis 4.4. Capital market indicators and their assessment 4.5. Cash flow indicators and their calculation 4.6. The analysis of probability of bankruptcy of the enterprise, performance continuity and development 5. The essence, aim, objectives, functions, decision-making areas of finance management. 6. Management of current assets (working capital, stock, account receivables, cash) 7. Management of financial resources and property of the enterprise. Price of equity capital and debt capital. 6. Evaluation of investment projects 7. Management of risk of financial activities	0411
International accounting standards	English	3	1. Basics of preparation and presentation of international accounting standards: IAS Board and its functions. IAS structure, updating and approval procedure. IAS application area and power. 2. Accounting policy, changes and mistakes of accounting estimates: selection application and modification of accounting policy, changing of accounting estimates. Correction of mistakes of the previous period. 3. Accounting of assets according to IAS: real estate, equipment and machinery. Intangible assets. Long-term held for sale. Stock. Investment assets. Agriculture. Reduction of value of assets. 4. Accounting of income and costs according to IAS: Income. Construction contracts. Rent. Borrowing costs. Impact of changes in foreign exchange rate on results. 5. Accounting of liabilities according to IAS: disbursements for employees. Accounting of state dotations and disclosure of state support. Profit taxes. 6. Accounting of financial instruments according to IAS: Investments in associates. Financial instruments: recognition and assessment. Consolidated and separate financial statements. Earnings per share. Share-based payment. 7. Preparation and presentation of financial statements: application of IAS for the first time. Submission of financial statements. Events after the balance sheet date. Submission of financial statements. Cash flow statements. Interim financial accountability. Operating segments.	0411
Management accounting		5	1. The concept and principles of management accounting. The demand for management information. The functions of management accounting, 2. The basics of cost accounting. Methodology of cost evaluation process. Complete and partial cost price. Implementation of management accounting system in a company, 2. The basics of cost accounting. Methodology of cost evaluation process. Complete and partial cost price. Implementation of	0411

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Establishment and Control of the Budget			management accounting system in a company, 3. The systems of product cost accounting. Job-costing accounting system. Process-costing accounting system, 4. Management accounting for decision grounding. The concept of profit and marginal profit. The analysis of activity extent turning– point. Target profit and target activity extent. Price substantiation. Target pricing. Price under inflation conditions. The analysis of price policy, 5. Management decision grounding cases. Evaluation of unprofitable product or activity. Evaluation of production alternatives. Evaluation of material replacement effectiveness. Selection of technological option, 6. Basics of budget development. The essence of budgets, relation with company strategic goals. Budget development organization. Budget structure and forecasting methods, 7. Budget development and control. Development of activity budget system. Financial budget development. Budget implementation control and deviation analysis, 8. Modern cost accounting systems. TOC system. ABC system	
	English	3	1. The essence of budgets, the link with the strategic aims of the organization. Basic concepts. Links between the strategic plan and budgets. Principles of budget making and its organisation. 2. Structure of budgets and forecasting methods. The architecture of the budget system. Forecasting methods. Assessment of the performance risk. 3. Organization of budget preparation. Preparation of procedures for budget making and implementation. Appointment of responsibility centres and responsible persons. Schedule of preparation. 4. Setting of the financial plan. Stages of setting up the plan. Identification of the demand for funding. Methodology of distribution of financial resources. 5. Setting up the system of production budgets. Peculiarities of setting up. Preparation of sales and revenue budgets. Preparation of production budget. Preparation of budget of non-production costs. Practical work in the classroom. 6. Financial budgets. The budget of performance results. The budget of cash flows and its balancing. Creation of the prognostic budget. Practical work in the classroom. 7. Control of implementation of budgets. Internal control procedures setting up budgets. The analysis of deviations of budget implementation.	0411
Business ethics	English	3	1. The concept and theories of ethics. The concept of ethics and professional ethics. Professional principles and values. Theories of ethics. 2. Moral and social responsibility of the organisation. Moral and social responsibility of the organization. The concept of social responsibility. 3. Problems of ethics and their solution. The concept of the problem of ethics. The analysis of the problem of ethics. The ethical decision-making process. 4. Codes of Ethics. Aims and structure of Codes of Ethics. The concept and aims of the Code of Ethics. Form and content of codes. Administration of codes. Advantages and disadvantages of codes, their importance. The content of the Code of Ethics of professional accountants. 5. Organisation of business communication. Organisation of negotiations, meetings, conferences. Business etiquette. Requirements of business etiquette. 6. The ethics of negotiations. Motivation of unethical behaviour. Manifestation of unethical behaviour. Consequences of unethical behaviour.	0411
Finance Management	English	6	1. The essence and principles of finance management. Finance management functions, importance and essence. Interaction of business strategy and finance management. The principles of finance management, 2. External and internal finance management environment. General analysis of economical	0410

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Financial Markets			environment. Branch analysis. Company analysis, 3. Company finance planning and forecasting. The process of financial forecasting, planning and control; financial forecasting , its principles and models, 4. Company asset management. Cash management; stock management; debt management; working capital management, 5. The price of capital. Capital expenses: equity capital and borrowed capital (cost/price) calculation technique; weighted– average cost of capital (WACC) calculation technique, 6. Company value management. Models of company. The factors of company value. Market value added. Economic value added, 7. Company funding resources. The relation between funding resources and capital. Own funding resources. Borrowed long–term and short–term funding resources, 8. Capital structure formation and management. The concept of capital structure. The impact of industry branch upon capital structure. Corrected current value. Capital structure management and its effect on company value, 9. Risk and profitability. The concepts of risk and uncertainty. Risk factors and their classification. Valuation of portfolio effectiveness, 10. Business investment valuation. Long–term investments and their classification; investment valuation methods; the period of investment pay off, net current value, internal rate of return, modified internal return rate, 11. Business investment risk management. The process of investment risk management; methods of investment risk valuation: sensibility analysis, reliability equivalents, scenario analysis, probability method,	
	English	6	1. The concept of financial markets, importance and classification. The functions and role of financial markets in economy. The theories of financial markets. Financial asset, its characteristics. Flow of funds in financial markets, direct and indirect financing. Participants of financial markets. Classification of financial markets, 2. Functioning and regulation of financial markets. Financial markets regulation mechanism. Financial markets regulation in the EU , 3. Securities and other financial instruments. Conception of securities and financial instruments. The characteristics, evaluation of liability, equity and derivative financial instruments. The dependence of the price of a security upon its characteristics. The methods of setting the value of securities. The ways of circulation, trading and settlement, 4. Financial intermediaries, peculiarities of their activity. Financial institutions in Lithuania. Depository and non–depository financial institutions. Investment funds. Types of investment funds according to their portfolio and risk. The concept and types of investment companies. Alternative investment funds, . Securities portfolio formation and management principles. Securities portfolio formation stages. The process and management principles of securities portfolio. Optimal portfolio selection techniques. Profitability, risk and liquidity of securities portfolio. Overall and systemic risk indicators	0411
		6	Introduction to Economics. Concept, object, problem of economics and systems of economics. Laws of economics. Role of State in Economics, 2. Concept of market mechanism. Market concept and functions. Markets for goods (services) and resources. Demand and supply, market equilibrium. Demand and supply elasticity, 3. Consumer behavior. Satisfying user needs. Marginal utility theory, consumer indifference theory, Engel's law, Gifen's paradox, 4. Production theory and production costs. Production Resources, Production Function and Production Resources Market, Company Production Results. Classification and	0410

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Statistics			calculation of production costs, production cost curves and company production development curves, 5.Type of market structure and competition. Features of perfect competition, monopoly, oligopoly, monopoly competition and their peculiarities. The essence of competition and its impact on business, 6. Macroeconomic indicators. Basic macroeconomic indicators and their calculation. Economic Fluctuations, 7. Fiscal and Monetary Policy. Essence and means of fiscal and monetary policy, 8. Labor market and unemployment. Problems of labor market functioning, types of unemployment and inflation, relation between inflation and unemployment, 9. International economic relations: international trade regimes, international trade regulation measures. Currency Market, 10. Economic Growth: Economic Development Cycles. Impact of the economic situation in the country and the world on business decisions	
	English	6	1. Methodological and organisational principles of statistics. Work organisation and principles, aims, functions. Statistic observation, classification and goals. Program and methodological observation questions. 2. Data Clustering and Presentation. Data clustering objectives, the methods and stages. Clustering features, groups (range) setting. Statistical tables. Graphic depiction of statistical data. 3. Absolute and relative statistical values. Absolute values, their types and units of measurement Relative sizes and types of use. 4. Averages and statistics, the variation rates. Types of averages and methods of calculations. The quantitative and qualitative characteristics of variation indicators 5. Dynamic Expression Research. Dynamic line concept and principles of work. Indicators of Analytical Dynamics Line 6. Statistical hypothesis The concept of statistical hypotheses Parametric hypothesis testing. 7. Expression of mutual relations. Methods of analyses of expression of mutual relations.	0410
Inovations and Project management	English	5	1. The innovative process. Innovation concept. Innovation classification. Innovation implementation. 2. The project concept. The project concept. Project classification and characteristics. Project life cycle. 3. Project development. Choosing idea. Planning. 4. Project management. Event management. Information and environmental management. Cost and risk management. The project team. 5. Financing of the project. Methods. Sources. Funding organization. 6. Procurement. Concept. Legal regulation. Participants and purchasing methods. Treatment planning, organization and execution. 7. Project proposal. Preparation of the application. Application forms. Evaluation of application. Successful design criteria.	0410
International marketing	English	5	1. Concept of international marketing. Concept, aim, tasks and functions of marketing and international marketing. Types of marketing. Types of International Marketing, 2.International Marketing Environment. Marketing Environments. Microenvironment of International Marketing. The macro-environment of international marketing. Organization of research on international marketing environment, 3. International markets and their segmentation. The market. Market segmentation, international market segmentation methods. International markets and their selection. Positioning. Market research, 4. Element of international marketing complex product: classification of goods, analysis of structure of product assortment, creation of new goods, product life cycle, identification, packaging, peculiarities of international trademarks. Product development and customization for users of international markets, 5. Element of international marketing complex price: setting price targets, market impact on price, pricing methods, pricing strategies. International pricing models, export pricing factors, export pricing, export	0410

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International sales management			pricing strategy. Pricing Policy Making for International Markets, 6. Elemental Distribution of International Marketing Complex: Distribution Channels and Marketing Logistics, Introduction to INCOTERMS 2017, Retail and Wholesale. International Distribution Channel Structure, Channel Configurations by Product Types, Channel Variables, Mediator Types, Export Mediator Selection, E-Commerce. The concept of export, export operations through intermediaries and directly, types of intermediaries in the domestic market. Organization of export operations, 7. Element of international marketing complex: promotion concept, strategy, personal selling, sales promotion, promotion, advertising, public relations. Means of international communication. Factors determining the promotion strategy in foreign markets. Planning an International Sponsorship Company. Execution and Effectiveness of an International Sponsorship Campaign	
	English	5	1. The concept of international sales management. International Business and Globalization. Essence of Sales Management, Functions Importance of International Sales Planning. Quantitative and qualitative indicators of sales efficiency. International sales operations 2. International trade agreements, international agreements. Types of Preferential Trade Agreements and Economic Analysis. Trade Agreements. International treaties3. Searching for foreign markets and trading contacts. Foreign market (export) customer and search methods. Establishing trade contacts between exporters and importers. Sales and Negotiation Techniques, 3. Sales Strategies. Concept of sales strategy. Groups of Sales Strategies: Intensive Growth, Diversified Growth, Vertical Integration Strategies. Formation, selection and factors of sales strategy, 4. Sales tactics. Types of Sellers and Buyers. Business to Business Sales (B2B) Process. Selling Business to Consumer (B2C) Process. Selling Business to State (BG) Process. Similarities and differences in sales processes with regard to process speed, number of receivers, simplicity, uniformity of orders, 5. International sales (export) planning. Organizational forms and methods of export operations, distribution channels. Investigations into the way in which a particular export product enters the market Foreign Market Selection Model. Evaluation of Export Product Competitiveness, 6. Evaluation of Export Economic Efficiency. Export efficiency indicators. Export revenue and cost analysis	0410
Cost accounting	English	3	1. Introduction to cost accounting. Essence of cost accounting. General cost accounting principles. 2. Models of cost dynamics. Mixed costs. Analysis of dynamics models. Use of models for cost forecasting. 3. Standard costs. Identification of standard costs. Analysis of deviations from standards. Registration of deviations in accounting. 4. Complex costs. Combined products and by-products. Attribution of complex costs. 5. Responsibility centres. The concept, types and principles of setting. Accountability and assessment of efficiency. 6. Accounting of activity-based costs. Description of the method and application stages. Use of the method for cost optimization.	0413

Management and Communication Department

Faculty of Business and Technology

Suitable for: Office Management (0413), Corporate Communication and Marketing (0320), Production and Logistics Management (0413), Information Management ¹ (0322) study programmes

Subject	Language	No. Credits	Content	Study programme
Lithuanian language (Elementary)	English	4	The aim of this course is to provide students with a elementary knowledge of Lithuanian language. Course Objectives: 1.Students will learn how to communicate in everyday situations. 2.Students will practice to ask and answer simple questions about personal details. 3.Students will learn basic grammatical structures. Main topics: 1. Alphabet. Pronunciation. Numbers. Family. Personal pronouns, conjugation of verbs, present tense. 2. At home. Time. Daily activities. Food and drinks. Travelling. Declention of nouns. Prepositions. 3. Weather and seasons. Clothes and colours. Adjectives.	For all study programmes
Business Russian	Russian	4	The course is designed to develop the communication skills of the business language and develop business vocabulary for students with B2 - C1 level knowledge of Russian. Key topics: 1. Oral and written business communication etiquette. Business language etiquette. Business conversations over the phone. Business correspondence. Business ethics. Intercultural communication. 2. Information management. Organization of	0413, 0320, 0413, 0322

¹ Double Diploma Degree study programme with Porto Polytechnic Institute (ISCAP), Portugal

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			business meetings: presentations, projects, fairs, exhibitions. Business travel. Company representation. 3. Employment. Job Advertisements. Employment documents (CV, cover letter). A job interview. Russian language knowledge is required.	
Applied Research Methodology	English	4	The essential principles of applied research methodology; purpose, goals and objectives of applied research; preparation of the research plan and design, selection of the appropriate theoretical and practical research methods to study the formulated problem; process, submit and justify reliable data necessary for decision making	0413, 0320, 0413, 0322
Changes (Crisis) Communication	English	4	To develop skills to identify, plan and manage communication of organizational changes (and crises) in an ever changing environment, and foster the image of organizations. During the theoretical sessions the students will get acquainted with the essential types of changes and their management peculiarities, the principles of change communication. During the workshops, students develop skills to identify change communication in organizations, change organizations' change communication plan, and select effective communication methods.	0413, 0320, 0413, 0322
International and Intercultural Communication	English	4	To acquire knowledge about the influence of globalization on modern organization communication, the main peculiarities of international and intercultural communication, theories, principles of intercultural communication and negotiation, to develop skills to apply them in the global environment. During the workshops tolerance to other nations and cultures is developed, possibilities of acceptance and recognition of different cultures and reduction of cultural shock are explored.	0413, 0320, 0413, 0322
Entrepreneurship and Leadership	English	4	To gain the knowledge and skills, enabling to realize today's entrepreneurial and leadership importance and essence; to develop entrepreneurial and leadership competencies; to apply them in professional and personal activities in dealing with multi-cultural business partners and customers.	0413, 0320, 0413, 0322
Management and Professional Ethics	English	4	Concept of management, classical and modern theories of management, the main functions of management, laws and principles of international business management, decision-making process in changing market, ability to choose appropriate management decision methods, ability to communicate effectively and work in a team. The aim of business ethics course is to provide knowledge about business ethics values, theories, ethical problems and ways to solve them, negotiation ethics, to develop ethical business communication skills	0413, 0320, 0413, 0322
Knowledge Management	English	4	To provide knowledge about information and main knowledge management principles, about the importance of the learning organization in the context of the knowledge society, to develop the ability to apply knowledge management models in practice.	0413, 0320, 0413, 0322
Organizational Behaviour and Decision-Making Processes	English	4	To perceive the organization as a cohesive social system in which each element is significant. Develop the ability to effectively collaborate, lead, pursue organizational goals while meeting personal needs and plan social activities, address organizational issues, and make evidence-based decisions.	0413, 0320, 0413, 0322
Organization of Educational Environment and Non Formal Education	English	4	The subject is designed for students to gain knowledge and ability to understand the essence and significance of non-formal education in the context of lifelong learning, to organize activities of non formal education as a part of a learning system, meeting the requirements of the consumers and working individually and in a team. The subject is designed for students to gain knowledge about the conceptual essence of educational environment, to explain it with reference to modern educational theories, to develop	0322

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Production Logistics			ability to analyze, assess and organize concrete educational environments, meeting the requirements of the consumers.	
	English	4	This course provides students with a comprehensive understanding of production logistics in a corporate setting. Theoretical sessions analyze production logistics systems, while practical sessions tackle real-world production issues. Students will explore key processes such as new product development, inventory management, internal logistics, and distribution, and assess logistics strategies used by different organizations. Independent assignments will help enhance their ability to create efficient production logistics processes, preparing them for their future careers.	0413
Professional English Language	English	3	The course is designed to develop communication skills and build professional vocabulary: Production and Manufacturing. Materials and Suppliers. Supply Chain. Inventory. Material Handling Systems. Material Handling Equipment. Storage Equipment. Material Transport Units. Safety Issues, etc. The course requires B1 - B2 CEFR level.	0413

Engineering Sciences Department

Faculty of Business and Technology

Suitable for: Construction (0732), Automatics Electrical Engineering (0714), Production Engineering (0710), Automotive Electronics (0714) study programmes

Subject	Language	No. Credits	Content	ISCED code for study programme
Mathematics	English	6	1. Matrices and determinants. 2. Systems of linear equations. 3. Limits. 4. Derivative and differential of a function. 5. Elements of analytical geometry. 6. Complex numbers. 7. Optimal planning problems.	0732, 0714, 0710, 0716, 1041
Building Materials	English	6	1. Standards and quality control of building materials. 2. The main properties of building materials and their indicators, formulas, units of measurement. 3. Materials and products from natural stone. 4. Ceramic products for buildings. 5. Building metals and products. 6. Inorganic binders. 7. Concretes. 8. Building mortars.	0732
Object oriented programming	English	6	Object oriented programming with C# and PHP. Those selecting this subject must have a basic skills of programming in C++ and/or PHP and Databases.	0714
Electric Drives	English	6	Subject is for students to acquire knowledge and skills needed to work with electric drives, to learn how to calculate and choose electric drives for different modes of operation. To know Electric drives control principles. Laboratory equipment: Siemens Sinamics and Schneider Electric Altivar and Lexium drives	0714
Electromechanical Converters	English	6	Theoretically know the types, constructions and principle of operation of electromechanical converters. Calculate electrical parameters of electromechanical converters. Testing in laboratory	0714

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Microprocessors and Programming	English	5	1. Microprocessors and microcontrollers. Microprocessor development history; 2. Typical circuit solutions and data communication interfaces 3. Control algorithms and programming. Basics of control algorithm reading and design; 4. Microcontrollers and their functions in cars.	0714, 0610, 0613, 0710
Internet of Things (IoT)	English	3	1. IoT basics. IIoT and its purpose in process automatization; 2. Popular IoT platforms and Single Board Computers (SBC); 3. C programming for embedded systems, serial communication, Human Machine Interfaces (HMI); 4. IoT communication protocols. Automation communication, TCP/IP communication. Building Management System (BMS) communication; 5. IoT safety;	0714, 0610, 0613, 0710
Basics of Robotics	English	4	Industrial robots. Mobile robots. Autonomous Mobile Robots. Power sources for mobile robotic systems. Energy conversion and control in robotic systems. Programmable robot controllers.	0714, 0610, 0613, 0710
Design of Electronic Systems	English	4	Develop practical skills in reading electronic circuits, creating electronic circuit diagrams, and converting them into PCB layouts. Familiarize with the principles of electronic system design. Design an electronic system from the schematic diagram to the final product ready for implementation. Learn to recognize and understand the reasons and meanings behind decisions made at all stages of electronic system design when diagnosing or troubleshooting faults in these systems.	0714, 0610, 0613, 0710
Construction Drawing Building structures	Russian	6	1. Formatting drawings. 2. Projection drawing. 3. Technical drawing. 4. Construction drawing. 5. Fundamentals of design of buildings. 6. Drawing and modifying 3D objects	0732
	Russian	6	1. General knowledge about buildings and structures. 2. Features of building classification. 3. Structural elements and structural systems of buildings. 4. Bases and foundations of buildings. 5. Walls. Partitions. 6. Ceiling structures. 7. Floors. 8. Roofs. 9. Stairs. 10. Windows, doors, gates. 11. Engineering equipment.	0732
Technology of Construction Work	Russian	6	1. General issues of technology and organization of construction works. 2. Transportation of construction loads. 3. Earth works. 4. Pile installation work. 5. Masonry work. 6. Erection of prefabricated structures. 7. Monolithic concrete and reinforced concrete works. 8. Wood works. 9. Roofing work. 10. Insulation work. 11. Installation of the floor.	0732
Organization of Construction Work	Russian	3	1. Basics of organization of construction. 2. Logistic support of construction. 3. Preparation of construction technology and organization documentation. 4. Scheduling. 5. Network scheduling. 6. Self-study 7. Organization of flow construction. 8. Management of quality of building production. 9. State regulation of construction.	0732

Transport Engineering Department

Faculty of Business and Technology

Suitable for: Technical Exploitation of Automobiles (0716), Transport Logistics Technologies (1041) study programmes

Subject	Language	No. Credits	Content	ISCED code for study programme
Transportation of passengers	English	6	To provide knowledge about passenger transport infrastructure, legal regulation of transport activities, to develop practical abilities to organize and evaluate the technological process of passenger transport.	1041
Road vehicles	English	6	After completing this subject, students will know several types of vehicles, analyze the main technical data of cars. Will carry out dismantling works of car structures and get acquainted with their operation.	0716, 1041
Enviromental and human safety	English	3	The subject of environmental and human safety aims to: provide knowledge about the main legal requirements of environmental and work safety, develop skills in formalizing documents, instructing employees and investigating accidents; analyze the relationships between individual elements of the environmental protection system; assess the anthropogenic impact on individual elements of the biosphere.	0716, 1041
Specialized cars	English	3	The subject of specialized cars aims to: provide knowledge about the classification, construction and principles of operation of specialized cars	0716, 1041
Transportation of dangerous goods	English	6	Students will be able to analyze the technological process of transporting dangerous goods, solve the tasks of organizing the international transportation of dangerous goods.	1041

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International logistics	English	5	The aim of the subject of international logistics is to form a system of theoretical and practical knowledge of international logistics, to develop practical abilities to analyze international logistics channels and to organize the transportation and storage of international cargo.	1041
Transport system	English	3	To provide knowledge about the functional and physical components and services of the transport system, to analyze the technical operational characteristics of vehicles	0716, 1041
Eco driving	English	3	The benefits of eco-driving (safety, environmental protection, finances, social benefits), will know how to use the car correctly, when to switch gears, how to accelerate correctly, what to do on uphill and downhill, how to take care of the car, when it is necessary and not necessary to use electrical devices.	0716, 1041
Cargo loading technologies	English	6	To provide the ability to organize loading work, to evaluate the loading technologies of individual types of cargo, to analyze the mechanisms, machines and tools used for this purpose, to organize the securing of cargo.	1041
Engineering and computer graphics	English	6	Learn to draw, understand drawings, apply European standards. To develop logical and spatial thinking while learning. Create and edit drawings using the AutoCAD program	0716, 0714
Engine Management Systems	English	6	The subject is for students to acquire the knowledge and skills of the petrol and diesel engine systems. During the study students will analyze continuous, periodic, Otto engines, combined, direct injection power systems and the principles of operation, the distribution, battery systems of the diesel engines. Students will determine the troubles of power and ignition systems. Students will select the repair techniques for the power and ignition systems.	0716, 0714
Automobile Diagnostics	English	6	The subject is intended to acquire knowledge and skills in the technical requirements and technologies of car diagnostics, technological equipment, technological process and diagnostics of car body, engine, transmission, brakes, chassis, comfort systems. Diagnostic parameters are measured and analyzed during the studies of the subject. Uses information networks and databases for car diagnostics	0716, 0714
Automobile Electric and Electronic Equipment	English	6	The subject is for students to acquire the knowledge and skills in the construction and operation of car electrical equipment. During the study students will analyze the ignition system, gasoline injection, antilock braking and other electronic systems, the items of electronics, and assess the results of the measurements obtained. Students will analyze the functioning of the electrical system, check and assess performance parameters.	0716, 0714
Smart Automobile Systems	English	3	Upon completion of this course students will gain specialty knowledge about the main modern smart automobile systems, analyze smart automobile system performance principles, future trends; the impact of smart automobile systems on the driver's work and safety.	0714

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Automobile Comfort Systems	English	3	Upon completion of this course students will analyze automobile comfort system operating principles, specific features of application; the impact of comfort systems on a driver's work and safety; develop practical skills – detect comfort system faults and apply repair techniques.	0714
Automatic Transmission Management Systems	English	6	To provide specialty knowledge of electronic automatic transmission systems in cars and trucks, the principles of operation; to analyze electronic system key parameters and characteristics in automotive automatic transmission mechanisms.	0714
Braking Control Systems	English	6	Upon completion of this course students will be able to analyze key parameters and characteristics of cargo and passenger vehicles brake management systems, examine principles and structures of electric signal reception and processing devices performance	0714
Automobile Maintenance	English	6	1. General requirements for automotive technical maintenance; 2. Vehicle exploitation characteristics and exploitation indicators; 3. Selection of car technical maintenance and current repair technological equipment; 4. Technical requirements for automotive technical maintenance and car technical maintenance technology; 5. Technical maintenance quality control.	0714, 0716, 1041
Technical Mechanics	English	3	Statics. Systems of spatial forces. Kinematics and dynamics. The resistance of materials. Machine elements.	0714, 0716, 1041, 0710

Informatics Sciences Department

Faculty of Business and Technology

**Suitable for: Software Engineering (0613), Information System Technologies (0610),
Multimedia Technologies (0610/0211) study programmes**

Subject	Language	No. Credits	Content	Study programme
Statistics	English	3	The primary objectives are: to provide knowledge of the principles and capabilities of data processing, as well as the selection and application of statistical methods and models using software tools such as Excel and SPSS; to develop the ability to conduct various types of data analysis effectively; to strengthen skills in evaluating statistical information and interpreting results logically and accurately.	0613, 0610, 0610/0211, 0411, 0410
Graphics Design	English	6	In the subject students are introduced to aesthetics, technological and conceptual level of the graphics design art. In the class students analyse the evolution of graphics design. They are introduced to the basics of the graphics design creation. In the class students creating the objects of graphics design, working on the ideas of usability for the graphics design; combining different medias for the process of creation.	0610/0211
Computer Hardware	English	6	The main focus of this course is a comprehensive analysis of computer hardware systems and subsystems. Course topics will include central processing units, memory systems, storage technologies, and system integration, among others. The curriculum combines theory with practice; course content covers the principles of designing and implementing a computer's hardware, as well as its functionality and performance.	0610

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Basics of Algorithmization	English	3	To know the principles of building algorithms, their operation, applying mathematical data structures and functions, to develop the ability to rationally choose the algorithm for the task, to identify initial data, main and auxiliary variables and expected results, to build and analyze algorithms of various structures, to interpret their operation with real data.1. The concept of the algorithm. Algorithmic schemes.2. Linear algorithms.3. Branching algorithms.4. Cyclic algorithms.5. Algorithms for calculating the sum and product.6. Algorithms for detection of minimum and maximum values.	0610, 0610/0211
Object Oriented Programming Information Technologies	English	6	Object oriented programming with C# and/or PHP (framework Laravel). Those selecting this subject must have a basic skills of programming in C++ and/or PHP and Databases.	0613, 0610
	English	3	The main focus of this course is data analysis using computer programs. Course topics will include the use of cloud applications, data analytics, data visualization for preparing presentations. The curriculum combines theory with practice; the content of the course includes application of cloud computing tools, principles of application operation, principles of data retrieval, principles of data formatting and data processing, types of data representation and presentation preparation.	0610
Internet Systems Programming	English	6	PHP programming language and MySQL database are studied using the XAMPP package. The basics of JavaScript and HTML. Work on local server. Hosting the internet system on a remote server. PHP is used to create registration, login and logout functions. Setting the IP address during user login. Password hashing. Creating a CRUD application. Specifying of text font, size, table. Application of statistical methods. The JavaScript libraries of the Highcharts, CanvasJS, jQuery, and Google Chart used for the charts. Creating a data filter. Testing.	0610, 0613
Applied Research Methodology	English	3	The subject is intended for students of all courses in the field of study of computer science engineering and program systems. The aim is to provide knowledge about the theory and practice of applied research, the fundamental principles, the theoretical and practical research methods used, the structure of research work and the peculiarities of the preparation of individual parts, the formation of a problem and relevance, the interpretation of the results obtained and the preparation of conclusions / recommendations.	0610, 0613, 0610/0211
Operating systems	English	6	Operating system concept, types. Administration and management of Unix, Linux, Windows families and mobile device operating systems.	0610

Rehabilitation Department

Faculty of Health Care

Suitable for: Cosmetology (1012), Physiotherapy (0915) study programmes

Subject	Language	No. Credits	Content	Study programme
Health Project Management	English	4	The subject is designed to acquire skills in the preparation of projects in the field of health. During the theoretical sessions, the concept of business and management is explored, the mechanisms of EU structural funds investment and innovation implementation are analyzed, the characteristics and classification of projects are discussed. During the practical sessions, the skills of generating and selecting project ideas are developed, the project goal and results are formulated, the project team is formed, the project activities implementation schedule, budget, and dissemination strategy are prepared. Intermediate settlements are intended for the consolidation of theoretical knowledge and the search and selection of targeted information.	0915, 1012
Massage therapy	English	3	The subject is designed to introduce students with basics of massage therapy, its effect on human body. The students will learn how to to massage individual parts of the body.	0915
Physical Education	English	3	The subject is designed to form a person's physical activity skills, with the aim of developing character traits adequate for the profession, developing a holistic approach to personality.	For all study programmes
Leisure Time Physical Education	English	3	The subject is designed to provide knowledge about improving leisure sports (basketball, football, volleyball, table tennis, badminton, darts). Develop the skills of fair competition and competition, self-control, communication and cooperation, promoting activity, creativity, and self-expression with the help of sports games.	For all study programmes
Physical Activity and Healthy Lifestyle	English	3	The subject is designed to provide knowledge about the influence of physical culture on people's health and productivity, to develop a modern approach to physical activity, to form a correct attitude to health as a value, and to develop the ability to maintain and strengthen health.	For all study programmes

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Football, Table Tennis, Badminton Basketball for Beginners	English	3	The subject introduces the sports of football, table tennis and badminton. It is possible to improve the techniques of these sports. Performing practical tasks and exercises to develop students' knowledge and physical abilities.	For all study programmes
	English	3	The subject is designed to provide an opportunity to acquire the basics of the sport of basketball. Students will be introduced to the history and development of the sport of basketball, basketball terms, rules, and the application of refereeing methodology. Students will develop practical knowledge and physical abilities for beginners in basketball.	For all study programmes
Advanced Basketball	English	3	The subject is designed provide an opportunity to improve in the sport of basketball. Students will learn basketball techniques and tactics. Students will develop and consolidate their awareness of basketball through team actions and combinations. During the exercises, students will get knowledge and physical abilities for advanced basketball students.	For all study programmes
Light and heavy athletics	English	3	The course presents and introduces light and heavy athletics. Students have the opportunity to improve their light and heavy athletics techniques through practical exercises, drills, and physical skill development.	For all study programmes
Volleyball for Beginners	English	3	Students will learn the basics of volleyball and improve in it. Students will familiarize themselves with the history and development of volleyball sport, volleyball terms, rules and application of refereeing methodology. Students will develop practical knowledge and physical abilities for beginners in volleyball.	For all study programmes
Advanced Volleyball	English	3	Students will get the opportunity to develop in the sport of volleyball. Students will learn volleyball techniques and tactics. To develop and consolidate the awareness of the volleyball sport through team actions and combinations. During exercises, students will develop knowledge and physical abilities for advanced volleyball students.	For all study programmes

Social Work Department

Faculty of Health Care

Social Work (0923) study programme

Subject	Language	No. Credits	Content	Study programme
Integration of the Disabled	English	5	The concept of disability. Work with the disabled. Social and functional integration. Special needs and social problems of the disabled person. Organisation of social rehabilitation. The concept of psychosocial rehabilitation. The social worker's role in the process of psychosocial rehabilitation. Vocational rehabilitation of the disabled.	0923
Social Innovations	English	6	Social programmes. Identification and assessment of the need for the programme. Preparation of leisure programmes. Coordination and implementation of the prevention programme. Project: concept, features, diversity, classification, properties. Non-governmental organizations (NGOs). The role of the team in a non-governmental organization.	0923
Basics of Psychology	English	4	Concept of Psychology. Cognitive Processes. Emotional and volitional behavior regulation. Personality and social behavior. Personality purposefulness and activity motives. Individual psychological personality traits. Mental health and disorders. Social thinking. Social influence. Social relations. Social roles. Group influence.	For all study programmes
Communication and Conflict Management	English	5	The concept of communication. Self-image in the process of communication. Social perception. Verbal and non-verbal communication. Individual differences in communication. Listening. Conflicts. Internal personality conflicts. Interpersonal conflicts.	For all study programmes
Sociology and Social Problems	English	6	The essence of the sociology. Sociological research. Sociological knowledge. Social processes of society and individual.	0923
Этика и ценности социальной работы	Russian	4	Аксиологическая парадигма социальной работы, концепция профессиональной этики, основные принципы социальной работы. Модели принятия этических решений. Универсальность и относительность ценностных ориентаций, применение принципов этики соц работы на практике, решение этических дилемм и проблем и предвидение их моделей принятия решений при оказании социальных услуг в изменяющейся среде.	0923