EXCHANGE PROGRAM GUIDE

FOR INCOMING INTERNATIONL STUDENTS

University “Isa Boletini” – Mitrovicë

INTRODUCTION

“We’re happy to welcome you to our university as part of the exchange program.
This guide is made for international students like you. Inside, you’ll find everything you need to know about the courses offered in English, our faculties, and what student life is like here.
Whether you're here for one semester or a full year, we hope your time with us will be full of learning, new friendships, and great memories.
If you have any questions, our International Office is here to help.“

Faculties of University “Isa Boletini” in Mitrovica

FACULTY OF GEOSCIENCES

FACULTY OF FOOD TECHNOLOGY

FACULTY OF MECHANICAL AND COMPUTER ENGINEERING

FACULTY OF LAW

FACULTY OF ECONOMICS

FACUTLTY OF EDUCATION

Faculty of Geosciences

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FACULTY OF GEOSCIENCES

Fundamentals of Metallurgy

Degree: **BSc** Semester: **I** ECTS: **5**

Course Description: The subject provides comprehensive knowledge about metallurgical science, covering historical development and modern applications. It examines classification of metals (ferrous, non-ferrous, noble), mineral raw materials processing, energy utilization in metallurgical processes, and complete production cycles from ore to final product. Special attention is given to environmental impacts and sustainability practices in metallurgical operations.

Learning Outcomes:

- **Fundamental** metallurgical concepts and metal classification systems
- **Ore** preparation techniques and beneficiation processes
- **Energy** requirements and optimization in metal production
- **Production** technologies for various metal groups
- **Environmental** management and waste treatment in metallurgy
- **Economic** aspects of metallurgical operations

The Basics of Geology

Degree: **BSc** Semester: **I** ECTS: **7**

Course Description:This foundational course explores Earth's composition and dynamic processes. It systematically examines plate tectonics theory, mineral and rock formation, geological time scales, and structural geology. The subject includes practical training in geological mapping, stratigraphic analysis, and interpretation of geological structures. Modern applications cover geohazard assessment, resource exploration, and environmental protection strategies.

Learning Outcomes:

- **Earth's** internal structure and plate tectonic mechanisms
- **Mineral** and rock identification techniques
- **Geological** mapping and cross-section construction
- **Interpretation** of geological history from stratigraphic records
- **Analysis** of endogenous and exogenous geological processes
- **Application** of geological knowledge in environmental protection

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Computer Applications in Geology

Degree: **BSc** Semester: Summer ECTS: **6**

Course Description: This practical course introduces digital tools for geological data management and analysis. It covers advanced features of spreadsheet software for geochemical data processing, database management systems for geological information, and presentation tools for professional reporting. Special modules focus on GIS applications in geology, digital mapping techniques, and basic programming for geological problem-solving.

Learning Outcomes:

- **Advanced** data analysis using Excel for geological applications
- **Design** and management of geological databases
- **Creation** of professional geological reports and presentations
- **Basic spatial** data analysis using GIS software
- **Digital mapping** and visualization techniques
- **Automation** of repetitive tasks through simple programming

Basic Hydrogeology

Degree: **BSc** Semester: Summer ECTS: **7**

Course Description:The course provides thorough understanding of groundwater systems, covering physical and chemical properties of aquifers, groundwater flow dynamics, and well hydraulics. It examines water quality assessment methods, contamination processes, and remediation techniques. Field methods include pumping test analysis, water sampling protocols, and geophysical investigation techniques for groundwater exploration.

Learning Outcomes:

- **Quantitative** analysis of aquifer properties
- **Application** of Darcy's Law to groundwater flow problems
- **Design** and interpretation of pumping tests
- **Groundwater** quality assessment and protection strategies
- **Well construction** and development techniques
- **Numerical** modeling of groundwater systems

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Environmental Geology

Degree: **BSc** Semester: Winter ECTS: **5**

Course Description:This interdisciplinary course examines interactions between geological processes and human activities. It analyzes natural hazard assessment (floods, landslides, earthquakes), environmental impact of resource extraction, and waste management challenges. Special emphasis is placed on Quaternary geology, climate change indicators in geological records, and sustainable development practices.

Learning Outcomes:

- **Risk assessment** methodologies for geological hazards
- **Environmental** impact of mining and energy production
- **Soil** and water contamination processes
- **Climate change** evidence in geological archives
- **Sustainable** resource management strategies
- **Regulatory** frameworks for environmental protection

Underground Mining Technology

Degree: **BSc** Semester: Summer ECTS: **6**

Course Description:The course covers all aspects of underground mining operations, from deposit evaluation to mine closure. It examines various mining methods (room-and-pillar, longwall, caving), mine development strategies, and equipment selection. Special topics include rock mechanics applications, mine ventilation systems, ground control techniques, and economic evaluation of mining projects.

Learning Outcomes:

- **Selection of appropriate** mining methods for different deposits
- **Mine design** and development planning
- **Rock mechanics** principles in mining
- **Ventilation** and safety system design
- **Production planning** and cost analysis
- **Environmental management** in mining operations

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Health and Safety in Mining

Degree: **BSc** Semester: **VIII** ECTS: **6**

Course Description:This comprehensive course addresses all aspects of occupational health and safety in mining environments. It covers hazard identification (chemical, physical, ergonomic), risk assessment methodologies, emergency response planning, and safety management systems. The curriculum includes case studies of mining accidents, legal frameworks, and best practices in hazard control.

Learning Outcomes:

- **Systematic hazard** identification and risk assessment
- **Design** of effective safety management systems
- **Emergency preparedness** and response planning
- **Application** of ergonomic principles in mining
- **Interpretation** and implementation of safety regulations
- **Accident investigation** and prevention strategies

Faculty of Food Technology

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FACULTY OF FOOD TECHNOLOGY

Energetics of processes in industry

Degree: **BSc** Semester: **IV** ECTS: **5** AY: **2024/25**

The main modules of the course Energetics of processes in industry are:
Introduction to Energy and Energy. Forms of energy and basic properties of energy. Thermodynamic analysis of energy processes, energy assessment, exergy, effect of energy processes.

Steam energy systems, gas energy systems, combined energy systems, integrated (total) energy systems. Improving the efficiency of energy processes, the impact of economic factors, analysis of technical-economic expenses, optimization of energy systems.
Economic production and economic use of energy. Environmental protection in energy systems.

Learning Outcomes:

- **Understand** the concept of energy and energy.
- **Basic forms** and properties of energy in the production industry.
- **Thermodyn**amic analysis of energy processes.
- **Improving** the efficiency of energy processes.
- **Principles** of economic production and economic use of energy.

Course:Water Preparation for Industry

Degree: **BSc** Semester: **IV** ECTS: **5** AY: **2024/25**

Water quality and composition, Physical structure and properties of water, Industrial water sources, Gas solubility in water, Complex compounds in water, Other inorganic components present in water, Organic pollutants, Water treatment by separation methods, Coagulation, flocculation, Adsorption, Ionic exchange, Physico-chemical treatment, Release of dissolved organic compounds.

Learning Outcomes:

This course will provide an overview of the theory and practice of prepared water analysis depending on what type of industry it will be used in. Satisfactory completion of this course will provide students with a working knowledge of using analytical techniques for water analysis commonly employed in water chemical laboratories. It will also provide the student with a strong relative assessment and limitations of various instrumental methods based on water analysis.

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Course:Physical chemistry

Degree: **BSc** Semester: **IV** ECTS: **7** AY: **2024/25**

This course covers key topics in atomic and molecular structure, including the photoelectric effect, Bohr's atomic model, quantum numbers, particle-wave duality, molecular orbital theory, and hybridization. It also introduces fundamental thermodynamic concepts such as internal energy, enthalpy, entropy, and the laws of thermodynamics, as well as the Carnot cycle and basic principles of chemical kinetics. Emphasis is placed on understanding matter as a foundation for further studies, and on developing practical skills in experimental work, proper handling of chemical reagents, and the use of laboratory equipment.

Learning Outcomes:

- **Explain** the structure of matter based on laws, theories and experiments.
- **Describe** thermodynamic systems and processes in the field of chemical thermodynamics.
- **Explain** the fundamentals of chemical kinetics and reactions in the field of chemical kinetics.
- **Apply** mathematical calculations in solving physical chemistry problems.
- **Interpret** the obtained results and write the reports independently.
- **Interpret** the basic concepts of work, internal energy, enthalpy and entropy through relevant definitions and formulas.
- **Conduct** experimental laboratory work independently.

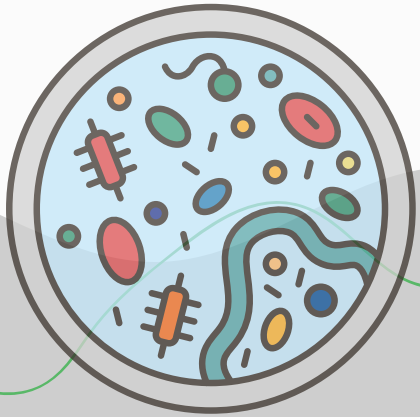
Food Microbiology

Degree: **BSc** Semester: **V** ECTS: **5** AY: **2024/25**

This course introduces the role of microorganisms in food production, spoilage, and safety. It covers microbial taxonomy, physiology, genetics, fermentation, foodborne pathogens, and control methods in food processing. Students will gain the knowledge and skills to analyze and manage microbiological processes, ensuring food quality and safety.

Learning Outcomes:

- **Define** key terms and concepts related to food microbiology, including microbial taxonomy, metabolism, and foodborne pathogens.
- **Explain** the role of microorganisms in the spoilage, fermentation, and preservation of food.
- **Differentiate** between beneficial and harmful microorganisms in food contexts.
- **Analyze** the causes and effects of microbial contamination in food, including the mechanisms by which foodborne pathogens cause illness.
- **Assess** the impact of novel technologies on the detection and control of microorganisms in food production.
- **Design** and implement a microbiological investigation to solve a real-world food safety problem.



FACULTY OF FOOD TECHNOLOGY

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Course:Basis Toxicology

Degree: **BSc** Semester: **VI** ECTS: **4** AY: **2024/25**

Within this course will be addressed definition of toxicology, subject and aim of the course on toxicology, historical development of toxicology, importance of toxicology on the past and present times, notion on poisons, criteria of poisons classification, sources of poisons, chemical content of poisons, action dose, antitoxins, detoxication, preserving of food from poisons causers.

Learning Outcomes:

Students of Food Technology branch shall gain the basic knowledge for nature of poisons, their sources, criteria for classification, chemical content, lethal dose, measures taken against poisons, their elimination and their source.
Reports of basic poisons (toxins), so as to successfully follow all stages from contact of the toxin with the organism to its elimination.
The identification, relations on intra and extracellular processes of cells and tissues, amount of toxin, neutralization, etc., shall be the objective of this program.

Advanced Wastewater Treatment

Degree: **MSc** Semester: **I** ECTS: **6** AY: **2024/25**

This course provides in-depth knowledge of advanced wastewater treatment methods, including nutrient removal, adsorption, membrane filtration, ion exchange, electrochemical processes, and advanced oxidation. It addresses future challenges in meeting stricter effluent standards and emphasizes space- and energy-efficient treatment solutions.

Learning Outcomes:

- **Understand** the basis of a city's current water and wastewater system.
- **Understand** what resources we find in wastewater and how to use them.
- **Explain** how basic and advanced wastewater treatment processes work.
- **Explain** how sludge treatment processes work.
- **Understand** how advanced control can be implemented in the water sector.
- **Describe** the future trends and challenges of the urban water system.

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Course:Environmental protection engineering

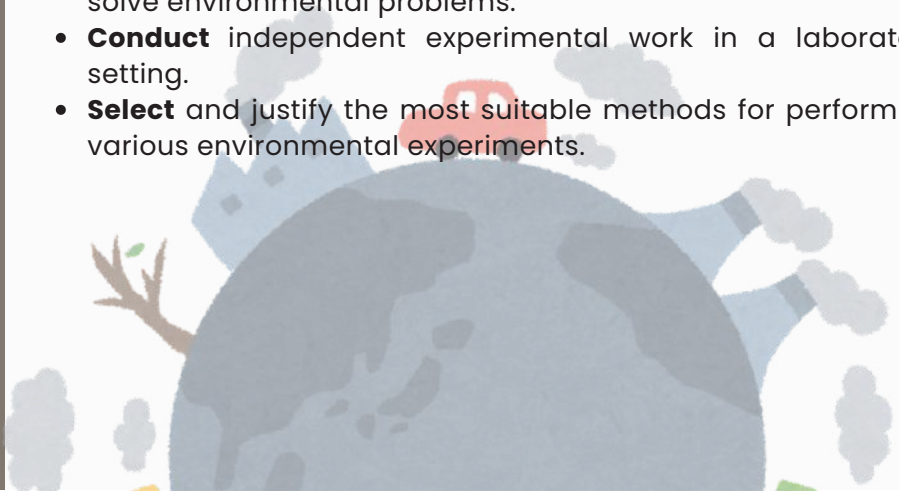
Degree: **MSc** Semester: **I** ECTS: **6** AY: **2024/25**

·Course Description:

This course provides an introduction to Environmental Protection Engineering as a discipline, focusing on engineering processes that impact the environment. It covers ecosystems, global cycles of essential elements, atmospheric composition, and pollutant limits. Topics include environmental pollution such as noise, landfills, and radioactivity, as well as global issues like acid rain, ozone depletion, climate change, and global warming. Students will learn relevant terminology and methods used in addressing environmental problems, forming a foundation for further study in the field.

Learning Outcomes:

- **Explain** fundamental concepts and terminology in environmental protection engineering.
- **Identify** and classify environmental problems caused by human activity.
- **Analyze** different types of environmental issues using scientific and engineering approaches.
- **Apply** appropriate computer-based methods to model and solve environmental problems.
- **Conduct** independent experimental work in a laboratory setting.
- **Select** and justify the most suitable methods for performing various environmental experiments.



Food Toxicology

Degree: **MSc** Semester: **II** ECTS: **5** AY: **2024/25**

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This course introduces toxicology as the science of poisons, focusing on their sources, effects, mechanisms of action, and methods of treatment and prevention. Topics include various types of toxins such as industrial chemicals, pesticides, radioactive substances, bacterial toxins, and plant- or animal-derived poisons. Students will gain knowledge on toxin interaction with the human body, including identification, cellular processes, and strategies for neutralization and prevention of toxic effects.

Learning Outcomes:

- **Identify** preventive measures against poisoning
- **Describes** the clinical signs which are presented by Poisoning
- **Explain** the effects of poisons on the organism
- **Gives** a practical example of the detection of poisons, which are in question as well as urgent measures to prevent the analysis, respectively its neutralization in the organism.
- **Evaluate** the lethal dose of poison that is present
- **Concludes** the effectiveness of the action of poisons, including anti-toxins

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Wine Technology

Degree: **MSc** Semester: **II** ECTS: **5** AY: **2024/25**

This course covers the fundamental principles of wine technology, including the chemical composition of grapes, wine and cider production, and grape harvesting and processing. It explores alcoholic and secondary fermentation, the formation and transformation of compounds during fermentation, and the production methods of white, pink, and red wines. Students will also study post-fermentation processes such as stabilization, bottling, packaging, and sensory evaluation. The course aims to develop foundational scientific knowledge and skills in wine production and an understanding of each stage's role in the overall process.

Learning Outcomes:

- **Summarize** the processes of preparation and production of wine.
- **Explain** the characteristics of raw material for wine production.
- **Describe** the processes of alcoholic fermentation.
- **Use** the knowledge gained for the production of wine in laboratory conditions.
- **Evaluate** the quality of wine.
- **Produce** wine on a laboratory scale
- **Analyze** the sensory, physico-chemical, and microbiological parameters of wine.
- **Characterize** wines

Technology of beer

Degree: **MSc** Semester: **III** ECTS: **5** AY: **2024/25**

The course deals with the treatment and quality of the raw material. Preparation of raw materials for the malting process. The process of boiling the malt and preparing the beer must is treated in detail. Preparation processes for alcohol fermentation.

The course deals with the alcohol fermentation process and the process control technique. Filtration processes, packaging processes and final product quality results will be addressed in the course.

Learning Outcomes:

The course aims for students to gain basic knowledge about raw materials for beer production such as barley, malt, water, yeast, Humulus Lupulus. Moreover, the purpose of the course is the theoretical and practical training of students to prepare the raw material for the process ofalcoholic fermentation, and the realization of this process for production of the final product. Enabling students to evaluate the quality of beer.

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FACULTY OF FOOD TECHNOLOGY

Treatment of discharge waters

Degree: **MSc** Semester: **III** ECTS: **5** AY: **2024/25**

The subject examines: General knowledge of water, water discharges according to technical health standards in residential areas, composition and properties of wastewater coming out of residential areas, water purification technology, biological characteristics of wastewater, mechanical treatment, physicochemical treatment, biological treatment of wastewater, kinetic parameters and bioprocesses, activated sludge and disinfection.

Learning Outcomes:

- **The processes** these waters go through during treatment.
- **Biological** treatment of wastewater.
- **Kinetic** parameters and balance of bioprocesses.
- **Calculation** of parameters for the construction of wastewater treatment plants.
- **Leadership** of the technological process.

Biotechnological Process in Food Industry

Degree: **MSc** Semester: **III** ECTS: **5** AY: **2024/25**

The course is an integration of biological and engineering sciences into microorganisms, living, and their products in the activities of the Food Industry. Also, the content treats fermentative processes as classic processes of biotechnology and genetic manipulations to improve the characteristics of other microorganisms.

Learning Outcomes:

- **Identify** the necessity of biotechnology development
- **Describe** the preparation of biotechnological processes.
- **Recognize** different types of microorganisms used in Food Industries.
- **Use** biotechnological techniques and microorganisms for the benefit of Food Industry.
- **Demonstrate** competence in basic molecular biology techniques and bioinformatics.
- **Analyze** fermentation processes.
- **Produce** biomass, enzyme, protein, and secondary metabolites in laboratory scale.
- **Calculate** enzyme activity, biomass, and protein production.
- **Evaluate** the effect of microbial production on the environment.
- **Organize** work group
- **Examine** and critique different ideas presented by peers

FACULTY OF FOOD TECHNOLOGY

Faculty of Mechanical and Computer Engineering

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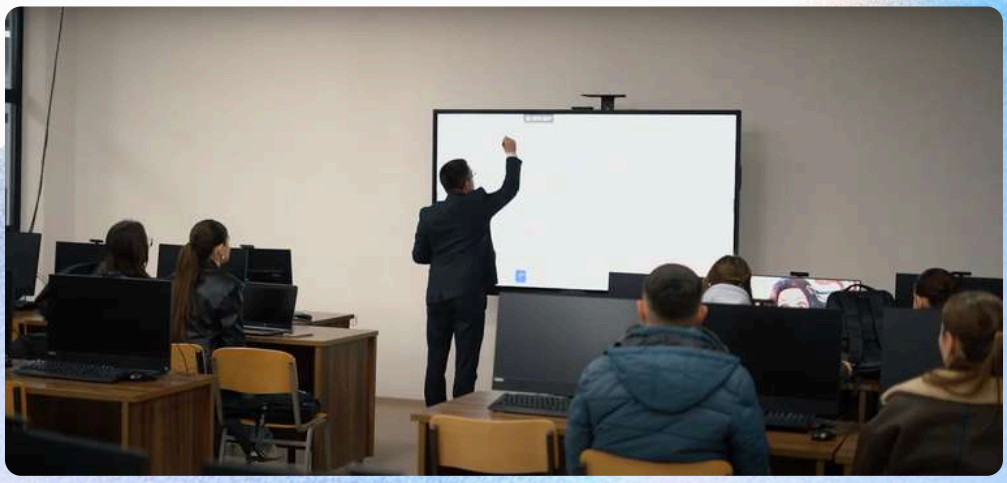

Course: Internet and Web Technologies

Degree: **BSc** Semester: **I** ECTS: **4**

This course aims to introduce students to web programming and the structure of the Internet and the World Wide Web. It focuses on both the theoretical foundations and practical applications of building web pages and using core web technologies. Students will explore how clients and servers interact, learn the basics of HTML and CSS, and develop dynamic functionalities using JavaScript. The course encourages both individual and group work, developing technical skills and communication in the digital environment.

Students will also engage with modern web frameworks like Bootstrap and learn how to build responsive, accessible, and user-friendly web pages.

Learning Outcomes:

- **Understand** the structure of the Internet and the architecture of the World Wide Web.
- **Write** hypertext documents using HTML.
- **Apply** styling to web content using CSS and modern CSS frameworks like Bootstrap.
- **Develop** interactive and dynamic web pages using JavaScript.
- **Design** responsive layouts adaptable to different screen sizes.
- **Use** the Internet as an effective tool for gathering and presenting information.
- **Communicate** ideas more clearly, both orally and in writing, through web technologies.

FACULTY OF MECHANICAL AND COMPUTER ENGINEERING

Course: Computing I

Degree: **BSc** Semester: **II** ECTS: **6**

This course provides a comprehensive introduction to computer programming and problem-solving using the C# programming language. Students begin with foundational topics such as variables, data types, operators, and flow control (conditions, loops), and gradually move toward advanced programming concepts including arrays, recursion, and object-oriented programming.

The course also emphasizes modular and structured software development. Students learn to create and manipulate objects, handle exceptions, process strings and files, and implement full-featured programs based on user specifications.

Learning Outcomes:

- **Describe** how data is represented, stored, and manipulated in a computer system.
- **Categorize** various programming paradigms and apply C# in relevant contexts.
- **Apply** concepts of structured and object-oriented programming to real problems.
- **Use** modular design and logical algorithms to create interactive and functional programs.
- **Demonstrate** coding, testing, and documenting skills aligned with development best practices.
- **Solve** new problems through algorithm design and software development in C#.

Course: Electronic Devices

Degree: **BSc** Semester: **III** ECTS: **5**

This course introduces students to analog electronics, covering semiconductor components and circuits using diodes, BJTs, and MOSFETs. It also explores practical circuit design including rectifiers, amplifiers, and filters, with attention to real-world applications such as green technology and solar panel systems.

Students will learn small signal analysis and multistage amplifier configurations, and use MATLAB to simulate and analyze electronic circuits. The course bridges theoretical knowledge and hands-on circuit implementation, helping students connect component behavior with overall system functionality.

Learning Outcomes:

- **Understand** the fundamentals of solid-state electronics including diodes, BJT, and MOSFET devices.
- **Design** and analyze analog circuits using discrete electronic components.
- **Apply** concepts of green technology and describe how solar panels operate.
- **Use** MATLAB for solving and simulating electronic circuits involving transistors and diodes.
- **Compare** theoretical and experimental results in analog circuit analysis.

FACULTY OF MECHANICAL AND COMPUTER ENGINEERING

Course: Computing II

Degree: **BSc** Semester: **III** ECTS: **6**

This course advances students' programming skills by introducing complex data structures and deeper concepts in object-oriented programming using C#. It covers linear structures (arrays, stacks, queues), tree structures (binary, balanced, red-black, B-trees), and graphs (directed, undirected, weighted), along with traversal algorithms such as BFS and DFS.

Students will explore abstract programming principles like encapsulation, inheritance, and polymorphism, as well as practical approaches to problem-solving with hashtables, dictionaries, sets, and LINQ queries. Emphasis is placed on algorithm complexity, high-quality code practices, debugging, and software lifecycle stages from analysis to maintenance.

Learning Outcomes:

- **Explain** the phases of software development from planning to maintenance.
- **Develop** applications using object-oriented principles such as inheritance and polymorphism.
- **Implement** common data structures and evaluate their performance.
- Apply searching, sorting, and traversal algorithms in various contexts.
- **Use** debugging tools to resolve runtime and logical errors.
- **Document** code professionally and write high-quality, maintainable software.
- **Integrate** structured and object-oriented methodologies in software projects.

Course: Electronic Devices

Degree: **BSc** Semester: **III** ECTS: **5**

This course introduces students to analog electronics, covering semiconductor components and circuits using diodes, BJTs, and MOSFETs. It also explores practical circuit design including rectifiers, amplifiers, and filters, with attention to real-world applications such as green technology and solar panel systems.

Students will learn small signal analysis and multistage amplifier configurations, and use MATLAB to simulate and analyze electronic circuits. The course bridges theoretical knowledge and hands-on circuit implementation, helping students connect component behavior with overall system functionality.

Learning Outcomes:

- **Understand** the fundamentals of solid-state electronics including diodes, BJT, and MOSFET devices.
- **Design** and analyze analog circuits using discrete electronic components.
- **Apply** concepts of green technology and describe how solar panels operate.
- **Use** MATLAB for solving and simulating electronic circuits involving transistors and diodes.
- **Compare** theoretical and experimental results in analog circuit analysis.

FACULTY OF MECHANICAL AND COMPUTER ENGINEERING

Course: Digital Electronics

Degree: **BSc** Semester: **IV** ECTS: **5**

This course covers digital logic circuit families and their operational characteristics, including DL, RTL, DTL, TTL (standard, advanced, Schottky), ECL, CMOS, and I2L. Students will study both static and dynamic performance of digital circuits and design logic systems using appropriate digital families.

The course also includes interface design between logic families, waveform generation, and practical applications using operational amplifiers. Students are introduced to A/D and D/A converters and build hands-on experience through simulations, lab work, and circuit design projects.

Learning Outcomes:

- **Analyze** and evaluate digital circuits under both static and dynamic operation modes.
- **Design** digital circuits based on specific logic functions and techniques.
- **Interface** between various digital circuit families.
- **Use** operational amplifiers for analog-digital circuit integration.
- **Apply** knowledge of A/D and D/A converters in real-world applications.
- **Simulate** and build basic digital systems and waveform-generating circuits.

Course: Operating Systems

Degree: **BSc** Semester: **IV** ECTS: **5**

This course provides students with a foundational and practical understanding of operating systems and their internal structure. Topics include process and thread management, concurrency and synchronization, memory management, scheduling, I/O and disk management, and file systems.

Through theoretical instruction and hands-on work, students gain comparative insights into various operating systems such as Windows, Unix, Linux, and Android. The course emphasizes the design principles and logic behind OS functionalities, preparing students to analyze and work with modern system software.

Learning Outcomes:

- **Understand** process management, process control, and multithreading.
- **Explain** concurrency concepts such as mutual exclusion, synchronization, deadlocks, and starvation.
- **Apply** memory management techniques including virtual memory.
- **Differentiate** between scheduling methods in uni/multi-processor and real-time environments.
- **Illustrate** how operating systems handle I/O, disk, and file management.
- **Compare** features and functionality across different operating systems.

FACULTY OF MECHANICAL AND COMPUTER ENGINEERING

Course: Business Intelligence

Degree: **BSc** Semester: **IV** ECTS: **5**

This course provides students with fundamental knowledge and hands-on skills to support data-driven decision-making. It explores key business intelligence concepts such as data warehousing, performance management, data mining, and visualization. The course addresses real-world challenges faced by organizations in leveraging data to gain a competitive advantage.

Students will work with tools like Power BI and explore classification methods, clustering, segmentation, and user-generated content analysis. Emphasis is placed on the entire data analytics process—from exploration to predictive modeling.

Learning Outcomes:

- **Understand** data analytics terminology and the full analytics process.
- **Use** basic data mining and predictive modeling techniques.
- **Apply** business intelligence tools to explore and visualize data.
- **Evaluate** classification and clustering performance in real datasets.
- **Communicate** data insights effectively through visualizations and reports.

Course: Computer Networks

Degree: **BSc** Semester: **V** ECTS: **6**

This course introduces the fundamentals of computer networking through a top-down approach. It covers the five-layer internet architecture: application, transport, network, link, and physical layers. Topics include protocol layering, socket programming, TCP congestion control, IP addressing, routing algorithms (including BGP and SDN), and wireless/mobile networks.

Students gain practical knowledge in how data travels across the internet and how services like DNS, HTTP, and email operate. Real-world examples and hands-on assignments help solidify the concepts and prepare students for modern networking challenges.

Learning Outcomes:

- **Understand** network architectures and protocol layers.
- **Explain** the functionality of application, transport, network, and link layers.
- Illustrate concepts like TCP congestion control and socket programming.
- **Apply** routing algorithms and understand SDN-based approaches.
- Differentiate between local, wireless, and mobile networks.
- **Analyze** packet-switched networks and data transfer mechanisms.

Faculty of Law

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Course: Philosophy of Law

Degree: **BSc** Semester: **I** ECTS: **5**

This course explores the nature and foundations of legal thought through a philosophical lens. Students examine fundamental questions such as: What is law? What is the role of morality in law? Do principles and policies belong to the legal system? What is the judge's role in legal interpretation? The course emphasizes schools of legal philosophy such as Natural Law, Legal Positivism, Critical Legal Theory, and theories of justice.

Students are encouraged to think analytically, debate philosophical ideas, and form their own perspectives on law and legal reasoning through case studies and historical reflection.

Learning Outcomes:

- **Understand** the foundations and evolution of legal philosophy.
- **Differentiate** between key schools of thought (e.g., Natural Law, Positivism, Realism, Critical Theory).
- **Analyze** legal problems through a philosophical framework.
- **Debate** the relationship between law and morality using real and theoretical examples.
- **Interpret** legal texts and judicial decisions with a philosophical approach.
- **Demonstrate** critical and analytical reasoning in legal argumentation.

FACULTY OF LAW

Course: Parliamentary Theory and Practice

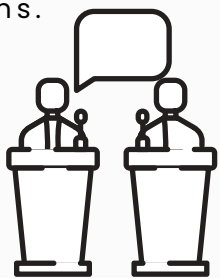
Degree: **BSc** Semester: **I** ECTS: **5**

This course introduces students to the foundational principles of parliamentarism, focusing on democratic governance, representative systems, and the functioning of parliaments. Special attention is given to the parliamentary system of the Republic of Kosovo, including its structure, procedures, elections, mandates, and legislative practices.

The course emphasizes analytical and comparative approaches and prepares students for advanced study in constitutional law and democratic institutions.

Learning Outcomes:

- **Understand** the concept and models of democracy and representative governance.
- **Explain** the development and characteristics of parliamentary systems.
- **Analyze** electoral systems and the legal foundations of voting rights.
- **Identify** the structure, powers, and procedures of the Parliament of Kosovo.
- **Evaluate** the role of parliamentary mandate, immunity, and government oversight.
- **Compare** national parliamentary practices with international democratic systems.



Course: Introduction to Law

Degree: **BSc** Semester: **I** ECTS: **7**

This course provides a general theoretical foundation in legal studies for first-year law students. It introduces the concept of law and the state, the nature of legal norms, sources of law, legal acts, legal relationships, the structure of the legal system, and the rule of law. Students will learn how to interpret legal norms and apply legal reasoning.

The course is essential for building analytical and critical skills that will support more advanced study in legal disciplines.

Learning Outcomes:

- **Understand** the relationship between state and law and their core elements.
- **Identify** the forms and functions of the state.
- **Analyze** legal norms, their types, and structure.
- **Explain** the rule of law, legal order, and legal certainty.
- **Recognize** sources of law and different types of legal acts.
- **Interpret** legal norms and understand methods of legal interpretation and application.
- **Understand** legal relationships and the system of law.

FACULTY OF LAW

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Course: Constitutional Review

Degree: **BSc** Semester: **II** ECTS: **5**

This course explores the mechanisms, models, and principles of constitutional review, with a focus on the functioning and role of constitutional courts in democratic societies. Students will study systems of judicial control, comparative constitutional case law, and the structure of Kosovo's Constitutional Court in the context of human rights protection and constitutional balance.

Through theoretical instruction and case analysis, the course prepares students to understand and assess the legal and institutional dimensions of constitutional interpretation and its impact on governance and society.

Learning Outcomes:

- **Understand** the theoretical foundations and practical models of constitutional review.
- **Compare** judicial control systems in Kosovo and other countries.
- **Analyze** constitutional jurisprudence and key case decisions.
- **Evaluate** the role of constitutional courts in protecting human rights.
- **Interpret** the effect of constitutional court decisions on public policy.
- **Demonstrate** critical thinking in matters related to constitutional legitimacy and oversight.

Faculty of Economics

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FACULTY OF ECONOMICS

Course: Principles of Managementt

Degree: **BSc** Semester: **I** ECTS: **6**

This course provides foundational knowledge on core management functions and principles, offering both theoretical frameworks and practical tools to understand how organizations operate. Key topics include planning, organizing, leadership, decision-making, and control in dynamic business environments.

Students will explore the evolution of management thought, ethical and cultural aspects of leadership, and practical methods of team and organizational management through discussions, case studies, and group work.

Learning Outcomes:

- **Describe** the main functions and evolution of management in a modern context.
- **Apply** management principles to solve organizational challenges.
- Analyze real-world business cases using management tools.
- **Develop** strategic and operational plans for teams or small organizations.
- **Evaluate** leadership approaches and ethical management practices.
- **Create** innovative management solutions aligned with organizational goals.

Course: Introduction to Business

Degree: **BSc** Semester: **I** ECTS: **4**

This course introduces students to the foundations of the business world. It explores different economic systems, the business environment, global markets, small business and entrepreneurship, human resource management, marketing, and personal finance planning. Through case examples and interactive discussions, students develop an understanding of how businesses operate and respond to dynamic market forces.

The course aims to build essential business literacy and decision-making awareness for future professionals across all fields of business.

Learning Outcomes:

- **Describe** key components of the business environment and their global interconnections.
- **Evaluate** economic and socio-political influences on business decision-making.
- Identify entrepreneurial opportunities and assess startup feasibility.
- **Explain** fundamental principles of marketing and human resource management.
- **Interpret** basic financial statements for personal and business use.
- **Apply** business knowledge to practical and real-world contexts.

FACULTY OF ECONOMICS

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Course:Electronic Business

Degree: **BSc** Semester: **II** ECTS: **4**

This course introduces students to the role of digital technologies in modern business environments. Students explore key concepts such as e-commerce, e-marketing, e-banking, and digital transformation in business models. Emphasis is placed on understanding how information and communication technologies (ICT) are applied to support innovation, efficiency, and globalization in business operations.

The course combines theoretical frameworks with case-based group work and practical analysis of real-world applications.

Learning Outcomes:

- **Explain** the fundamentals of electronic business and its components.
- **Understand** how ICT supports business processes and global operations.
- **Compare** traditional and digital business models such as B2B, B2C, and C2C.
- **Assess** the advantages and challenges of e-commerce, e-marketing, and e-banking.
- **Apply** basic digital tools and internet-based research for business problem-solving.
- **Demonstrate** the ability to work in teams on electronic business case studies and projects.

Course: Principles of Marketing

Degree: **BSc** Semester: **III** ECTS: **6**

This course introduces students to fundamental marketing concepts and practices, including the marketing mix (product, price, place, promotion), consumer behavior, branding, international marketing, and the use of digital tools. Emphasis is placed on developing analytical thinking through case studies and real-world business examples.

Students will learn how to conduct market research, segment the market, design pricing strategies, and draft a complete marketing plan. Discussions and class projects encourage critical thinking and collaborative learning.

Learning Outcomes:

- **Define** the role and importance of marketing in both firm-level and macroeconomic contexts.
- **Explain** how the marketing mix is applied in reaching target audiences.
- **Analyze** business environments and identify market opportunities and challenges.
- **Apply** marketing research techniques to support decision-making.
- **Develop** a structured and actionable marketing plan for a product or service.
- **Understand** the evolution of marketing strategies in a global and digital context.

FACULTY OF ECONOMICS

Course:SMEs Management

Degree: **BSc** Semester: **III** ECTS: **7**

This course explores the nature, importance, and daily management of small and medium-sized enterprises (SMEs), widely recognized as the backbone of national economies. It covers the entrepreneurial process, the structure and strategy of SMEs, financial planning, business environment, and innovation practices, with a strong focus on family-owned businesses and real-world applications.

Students will be guided through the creation of a business plan, feasibility analysis, ownership models, and marketing strategies tailored for small business operations.

Learning Outcomes:

- **Describe** the economic and social impact of SMEs.
- **Analyze** the characteristics and behaviors of small and family-run businesses.
- **Evaluate** business environments and assess opportunities and risks.
- **Apply** practical management techniques for SMEs operations.
- **Explain** the role of creativity and innovation in SME development.
- **Create** a comprehensive business plan including financial and marketing elements.

Course: Social Entrepreneurship

Degree: **BSc** Semester: **IV** ECTS: **4**

This course introduces students to the principles of social entrepreneurship, where innovation and business thinking are used to address social and environmental challenges. It focuses on the creation and growth of enterprises whose core mission is to generate social value rather than only profit.

Through lectures, case studies, group projects, and visits to real-world social enterprises, students will explore topics such as identifying market failures, building a business plan for a social enterprise, measuring social impact, and balancing financial return with social outcomes.

Learning Outcomes:

- **Understand** key concepts of social innovation and the spectrum of organizational structures.
- **Explain** the role and value of social enterprises in addressing societal challenges.
- **Analyze** social problems and propose innovative, mission-driven solutions.
- **Develop** a social enterprise plan using business tools and strategies.
- **Evaluate** and measure the social impact of entrepreneurial initiatives.
- **Collaborate** effectively in teams to present real or simulated social business proposals.

FACULTY OF ECONOMICS

Course:Intercultural Management

Degree: **BSc** Semester: **IV** ECTS: **4**

This course explores the impact of cultural diversity on global business operations and management practices. Students gain an understanding of key theories in intercultural management and learn to apply strategies for effective leadership, teamwork, and communication in multicultural environments.

The course fosters awareness of cultural differences, ethical business behavior, and social responsibility. It includes practical examples, team-based learning, and exposure to real-world international management scenarios.

Learning Outcomes:

- **Understand** the global business environment and implications of intercultural interactions.
- **Analyze** how culture affects leadership, negotiation, and communication in business.
- **Develop** strategies for effective team-building and problem-solving in diverse teams.
- **Evaluate** ethical practices and corporate responsibility across cultures.
- **Apply** intercultural management theories in real-life case studies and business simulations.
- **Critically** assess cultural differences and their impact on global organizations.

Course: Entrepreneurship

Degree: **BSc** Semester: **IV** ECTS: **8**

This course introduces students to the core principles of entrepreneurship and helps them explore the mindset, skills, and processes involved in developing new business ideas. It guides students through opportunity identification, feasibility analysis, innovation, business modeling, and launching a new venture.

With a practical approach, the course encourages creativity, strategic thinking, and problem-solving while preparing students to assess entrepreneurial opportunities and start or manage small businesses effectively.

Learning Outcomes:

- **Understand** the role of entrepreneurship in economic and business development.
- **Identify** challenges faced by entrepreneurs and ways to overcome them.
- **Analyze** the business environment and assess market opportunities.
- **Develop** business models using tools like the Canvas Model.
- **Organize** and manage small enterprises, from ideation to launch.
- **Demonstrate** entrepreneurial thinking, creativity, and decision-making in simulated scenarios.

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Course: Human Resource Management

Degree: **BSc** Semester: **IV** ECTS: **6**

This course provides an in-depth understanding of the fundamental concepts and practices in human resource management (HRM). It covers all key aspects including workforce planning, recruitment, selection, training, performance evaluation, compensation, health and safety, and labor relations.

Students are introduced to both theoretical frameworks and practical applications, with particular focus on developing skills needed for effective HR planning and implementation in modern organizations.

Learning Outcomes:

- **Understand** the strategic importance of HRM in dynamic business environments.
- **Apply** key processes such as recruitment, selection, training, and evaluation.
- **Analyze** risks associated with poor human resource planning and management.
- **Recommend** sustainable approaches to workforce development and performance assessment.
- **Evaluate** HR practices using contemporary standards and tools.
- **Demonstrate** critical HRM competencies aligned with international best practices.

Course: Financial Management

Degree: **BSc** Semester: **V** ECTS: **7**

This course provides students with fundamental concepts in financial management, including capital structure, financing decisions, leverage, dividend policy, and risk management. Students gain the ability to evaluate financial alternatives using time value of money, variance analysis, and budget planning tools.

The course also introduces corporate finance strategies such as working capital management, investment diversification, and portfolio risk analysis, with a strong emphasis on developing analytical and decision-making skills using financial tools such as Excel.

Learning Outcomes:

- **Describe** the nature of financial decisions and the role of financial management in organizations.
- **Understand** key concepts like capital structure, leverage, and dividend policy.
- **Evaluate** financial alternatives using time value of money principles.
- **Apply** break-even and variance analysis for decision-making.
- **Prepare** organizational budgets using accrual and cash methods.
- **Use** financial tools (e.g. Excel) to perform valuations and analyze financial performance.

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Course: Innovation and Creativity Managementrepreneurship

Degree: **BSc** Semester: **V** ECTS: **7**

This course equips students with the knowledge and tools to understand, manage, and apply innovation and creativity in a business context. Students will explore the innovation process, from idea generation to product and service development, and examine the strategic importance of innovation in business growth and competitiveness.

The course combines theory with practice, enabling students to generate innovative ideas, develop entrepreneurial thinking, and apply for innovation funding. Special focus is placed on corporate entrepreneurship, intellectual property, and innovation capacity within a national context.

Learning Outcomes:

- **Understand** the innovation process and organizational creativity.
- **Explain** the importance and types of innovations in business development.
- **Develop** new product/service ideas and evaluate sources of entrepreneurial innovation.
- **Apply** creativity techniques and funding strategies to real-world challenges.
- **Analyze** innovation barriers and intellectual property concerns.
- **Assess** the state's role in fostering innovation and entrepreneurship..

Course:SMEs Growth and Internationalizationneurship

Degree: **BSc** Semester: **VI** ECTS: **4**

This course provides students with insights into the development and global expansion of small and medium-sized enterprises (SMEs). It explores how SMEs grow, the barriers they face, and the strategies they adopt to enter international markets. Through globalization, SMEs are presented with both opportunities and challenges that require innovative strategies, especially in competitive global environments.

The course examines key themes such as foreign market entry, competitive advantages, regional differences in internationalization, and the role of innovation, AI, and modern marketing in global SME growth.

Learning Outcomes:

- **Understand** theories and models related to SME internationalization and foreign market entry.
- **Analyze** challenges and opportunities in SME growth and global expansion.
- **Critically** evaluate internationalization strategies and contemporary trends.
- **Apply** knowledge to solve real-world business problems in foreign market contexts.
- **Develop** a business model canvas tailored to globally-oriented SMEs.
- **Demonstrate** strategic thinking in navigating international competitiveness for small firms..

FACULTY OF ECONOMICS

Faculty of Education

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Course:Communication in Education

Degree: **BSc** Semester: **I** ECTS: **4** AY: **2024/25**

In this course, will be examined and clarified the basic notions of communication, with a special focus on the field of education. Within the subject "Communication in education", importance will be given to communication theories, the functioning of interpersonal communication, communication between subjects in educational environments, communication as a process of receiving and giving information. Types of communication, interpersonal communication skills, socioemotional climate for effective interpersonal communication will also be clarified.

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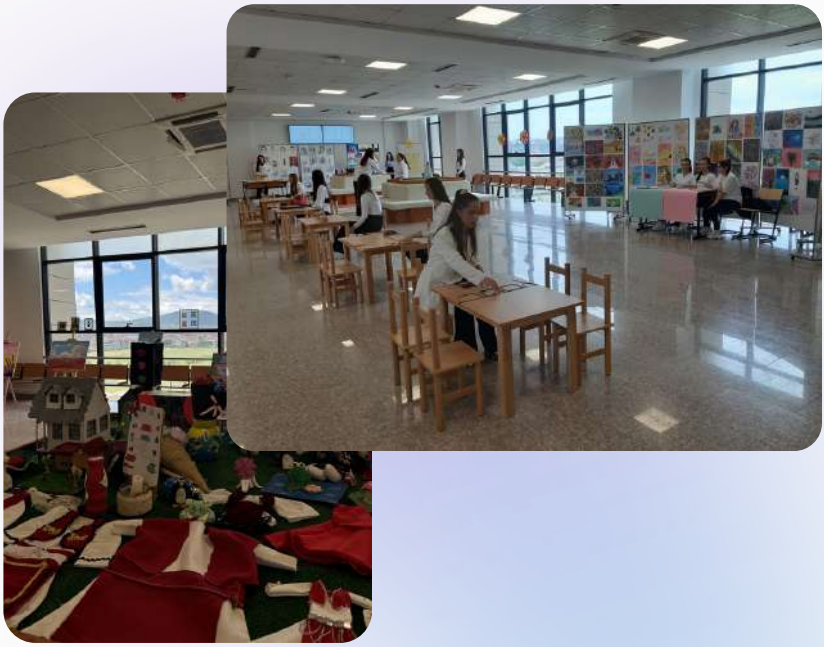

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Course:Early Childhood Education

Degree: **BSc** Semester: **I** ECTS: **3** AY: **2024/25**

This course provides an overview of early childhood care and education including historical and cultural perspectives, organization, structure, programming, and evidence-based practices. Professional and evidence-based practices of highly-qualified early childhood educators are outlined with an emphasis on their ability to enhance[1] th development and learning of every child between the ages of birth and eight.

Course:Health Education and Child Protection

Degree: **BSc** Semester: **III** ECTS: **3** AY: **2024/25**

This course aims to equip future educators with the knowledge and skills necessary to promote the physical and emotional well-being of children, as well as to understand and address issues related to child protection. Topics include child development, health education, child abuse prevention, and strategies for creating safe and nurturing learning environments.

Learning Outcomes:

- **Demonstrating** knowledge of the principles of health education,
- **Application** of child protection strategies
- **Design** and implementation of age-appropriate health education programs,
- **Promotion** of healthy lifestyles and behaviors.

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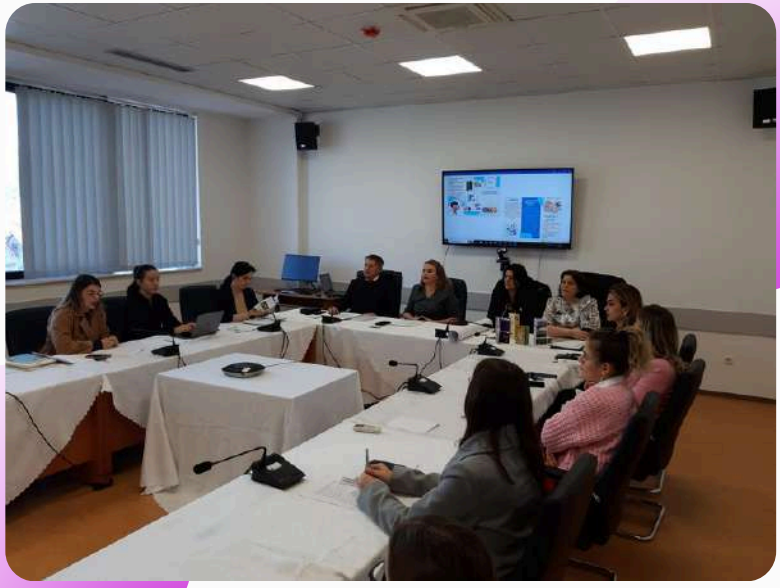
Course:Psychology of Personality

Degree: **BSc** Semester: **IV** ECTS: **3** AY: **2024/25**

This course provides an overview of key theories, concepts, and research in personality psychology. Students will explore the major approaches to understanding personality, its development, assessment, and the application of personality theory in educational contexts.

Learning Outcomes:

- **Demonstrating** knowledge of the main theories of personality,
- **The application** of personality concepts in educational contexts,
- **Analysis** and interpretation of psychological assessment tools,
- **Fostering** positive interpersonal relationships in educational settings.



Course: Developmental Psychology

Degree: **BSc** Semester: **IV** ECTS: **4** AY: **2024/25**

This course introduces students to basic concepts of human development, from prenatal to adolescent stages. It includes historical and theoretical approaches, biological foundations, cognitive and emotional development, as well as research methods in developmental psychology.

Learning Outcomes:

- **Understand** major theories and research in developmental psychology
- **Analyze** development across different life stages
- **Apply** knowledge in educational contexts
- **Develop** written academic work independently

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Course:Communication and Presentation Skills

Degree: **BSc** **Semester: V** ECTS: **3** AY: **2024/25**

Through this course students will learn how to improve their verbal and non-verbal skills, and they will be prepared to make engaging presentations.

-Aim of the course: One of the most important skills that teachers must have is to communicate clearly, concisely and effectively by applying different methods and techniques.

Course:Differentiated Teaching and IEP

Degree: **BSc** Semester: **VI** ECTS: **3** AY: **2024/25**

The course aims to provide students with the basic knowledge of special education. of the students are familiar with the education of children with special needs, the categories of children with special needs, their treatment as well as inclusiveness in education. The focus of this subject will be the education of children with special needs, the concept contemporary education for these children, the understanding and recognition of children with special needs especially, the development and developmental delays of the child, where the materials will be elaborated various written and electronic and therefore the design...

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Course:Psychology of Education

Degree: **BSc** Semester: **VI** ECTS: **4** AY: **2024/25**

Course Description: This course explores student motivation and learning from cognitive and behavioral perspectives. It examines information processing, learning strategies, and the psychology of classroom management.

Learning Outcomes:

- **Analyze** the role of psychology in teaching and education
- **Understand** concepts such as motivation and strategy
- **Apply** behaviorist techniques in educational settings
- **Plan** effective learning strategies
- **Evaluate** and reflect on teaching practices

Course: Action Research

Degree: **BSc** Semester: **VII** ECTS: **4** AY: **2024/25**

This course enables students to understand the teacher's role as a researcher, identify issues in the classroom, and apply action research to improve educational practice. It integrates theory with practice to enhance student achievement.

Learning Outcomes:

- **Understand** major theories and research in developmental psychology
- **Analyze** development across different life stages
- **Apply** knowledge in educational contexts
- **Develop** written academic work independently

FACULTY OF EDUCATION

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