Ilia State University Faculty of Business, Technology and Education

Educational Programs (Bachelor's, Master's and Doctorate) Catalog

2023-2024 Academic Year

Legal Entity of Public Law Ilia State University

Ilia State University was founded in 2006 as a result of the union of 6 institutions with different and long histories. Currently, Ilia State University is one of the leading research and educational institutions in Georgia.

Ilia State University is a union of students and professors - a multifunctional educational and scientific institution, in which a unified space of academic and professional education and research is created with the cooperation of students, professors, teachers and researchers.

The unified space is based on three principles:

- academic freedom;
- freedom of conscience;
- freedom of choice.

The university combines 1 school and 3 faculties:

- Faculty of Business, Technology and Education;
- law school:
- Faculty of Sciences and Arts;
- Faculty of Natural Sciences and Medicine.

About 30 research institutes and centers operate in the university. For teaching and research purposes, the university uses educational and scientific bases located in different regions of Georgia.

Contact information: Kakutsa Cholokashvili Avenue 3/5 Tbilisi 0162, Georgia

Tel: (+995 32) 222 00 09 Fax: (+995 32) 223 10 26 E-mail: info@iliauni.edu.ge Website: www.iliauni.edu.ge

Business School

Bachelor Programs

Program: Business Administration (Management, Banking and Finance, Tourism) (Major)

Academic Degree/Qualification to be Awarded:

- 1. Bachelor of Business Administration in Management
- 2. Bachelor of Business Administration in Finance
- 3. Bachelor of Business Administration in Tourism

Program Duration/Scope (semester, number of credits): Eight (8) semesters, 240 credits:

- General Module 60 credits
- Major 120 credits
- Minor/free credits 60 credits

Language of Instruction: Georgian

Program Goals

The program aims to train a professional who can perform in business administration, such as management, banking, finance, or tourism, using modern knowledge and entrepreneurial approaches and will be equipped with tools needed in the business context.

The program also focuses on developing the practical skills necessary for planning, organizing, and implementing business administration and entrepreneurship activities.

Within the program, students will develop such transferable skills as data collection and processing, making valid and relevant conclusions, argumentation, critical thinking, quantitative reasoning, and effective oral and written communication skills.

Learning Outcomes and Competencies (General and Field-specific)

General Competencies

Drawing Conclusions

Upon the completion of the course, students will be able to:

- collect and describe/analyze data related to a specific problem of business administration in the fields of management, banking and finance, or tourism;
- use appropriate methods in data processing, form logical, reasoned conclusions and recommendations based on the results;
- identify the problem correctly, determine alternative ways of solving it, and logically substantiate decisions made.

Communication Skills

Upon the completion of the course, students will be able to:

- prepare detailed written reports on issues, problems, and ways to solve them in relevant fields and transfer information to both specialists and non-specialists verbally and/or in writing;
- use modern methods and the latest technology in communication for various purposes in the field; communicate in English and Georgian;
- work effectively in a group and have correct and result-oriented communication with team members.

Learning Skills

Upon the completion of the course, students will be able to:

- consistently and multifacetedly assess/self-reflect on their own learning process and determine further learning needs;
- receive feedback/criticism to consistently and comprehensively assess and improve their learning process.

Values

Upon the completion of the course, students will:

- be familiar with the values and social responsibility of the field of business administration;
- I have mastered the fair ways of doing business and adhere to business conduct's ethical norms and moral principles.
- · adhere to the principles of academic integrity.

Field-specific Competencies

Concentration - Management

Knowledge and Understanding

- the essence of business, basic concepts, the role and importance of business in the economy;
- business management levels, steps of the management process, and organizational structure;
- general functions, basic principles, and instruments of management; basic principles and instruments of developing and planning marketing strategy;
- the importance of microeconomic analysis in the decision-making process in the field of business;
- basics of the national economy functioning; the relationship between macroeconomic indicators in the short-term and long-term perspective;
- general theories and modern tendencies of operational management;
- the essence, basic concepts, and instruments of strategic management;
- basic principles and budgeting methods of financial planning, organization, and financial control;

- basic principles of management accounting and management methods of financial resources;
- the essence of entrepreneurship, the role of innovation and technology in entrepreneurship; main characteristics of entrepreneurship and accompanying processes;
- basic principles of organizational behavior and innovative approaches of reframing in management;
- fundamental issues, theories, and models of human resources management.

Upon the completion of the course, students will be able to:

- select the organizational-legal form for business work;
- distinguish between the behavior of firms in a competitive market, monopolistic competition, monopoly, and oligopoly;
- use microeconomics in the process of analyzing the decisions of firms and individuals;
- collect, process, and interpret the results necessary for making managerial decisions using statistical methods;
- define the company's marketing vision and develop an effective marketing strategy;
- assess the organizational environment and determine the effective structure and work plan while considering the organization's mission and goals;
- analyze and organize operational processes in the service and production organization using functional tools;
- · analyze the company's financial statements and assess cash flows;
- use basic methods and tools of financial accounting, prepare financial statements;
- define and plan entrepreneurial processes based on market analysis;
- evaluate human resource management processes and determine an effective development strategy.

Concentration – Banking and Finance

Knowledge and Understanding

- the essence of business, basic concepts, the role and importance of business in the economy;
- business management levels, management process steps, and organizational structure;
- general functions, basic principles, and instruments of management; basic principles and instruments of developing and planning marketing strategy;
- the importance of microeconomic analysis in the decision-making process in the field of business;
- basics of the national economy functioning; the relationship between macroeconomic indicators in the short-term and long-term perspective;
- general theories and modern tendencies of operational management;
- the essence, basic concepts, and instruments of strategic management;
- basic principles and budgeting methods of financial planning, organization, and financial control;
- basic principles of management accounting and management methods of financial resources;

- the essence of entrepreneurship, the role of innovation and technology in entrepreneurship; main characteristics of entrepreneurship and accompanying processes;
- basic principles of organizational behavior and innovative approaches of reframing in management;
- fundamental issues, theories, and models of human resources management.
- main aspects and features of activities of various financial institutions and modern tendencies of the financial sector.
- traditional methods of investment evaluation and ways of considering risk factors;
- main aspects of central and commercial bank activity and the essence of various operations.

Upon the completion of the course, students will be able to:

- select the organizational-legal form for business work;
- distinguish between the behavior of firms in a competitive market, monopolistic competition, monopoly, and oligopoly;
- use microeconomics in the process of analyzing the decisions of firms and individuals;
- collect, process, and interpret the results necessary for making managerial decisions using statistical methods;
- · define the company's marketing vision and develop an effective marketing strategy;
- analyze and organize operational processes in the service and production organization using operational tools;
- · analyze the company's financial statements and assess cash flows;
- use basic methods and tools of financial accounting, prepare financial statements;
- assess the importance of the banking system in the process of economic development of the country;
- evaluate financial instruments and analyze risks related to them;
- select the method of investment evaluation while considering the risks and benefits of the investment;
- analyze and assess the course of operations typical for a commercial bank;
- · identify banking risks and analyze commercial bank portfolio.

Concentration - Tourism

Knowledge and Understanding

- the essence of business, basic concepts, the role and importance of business in the economy;
- business management levels, management process steps, and organizational structure;
- general functions, basic principles, and instruments of management; basic principles and instruments of developing and planning marketing strategy;
- the importance of microeconomic analysis in the decision-making process in the field of business;
- basics of the national economy functioning; the relationship between macroeconomic indicators in the short-term and long-term perspective;
- general theories and modern tendencies of operational management;

- the essence, basic concepts, and instruments of strategic management;
- the essence of entrepreneurship, the role of innovation and technology in entrepreneurship; main characteristics of entrepreneurship and accompanying processes;
- fundamental theories and concepts, modern approaches, and practical aspects of the field of tourism management;
- tourism business structure, operational specifics, and management principles;
- theoretical foundations and development opportunities of the tourism industry, the sectors and products included in it;
- main characteristics and development potential of tourist resources;
- · conceptual foundations and procedures of tourism product development.

Upon the completion of the course, students will be able to:

- select the organizational-legal form for business work;
- distinguish between the behavior of firms in a competitive market, monopolistic competition, monopoly, and oligopoly;
- · use microeconomics in the process of analyzing the decisions of firms and individuals;
- collect, process, and interpret the results necessary for making managerial decisions using statistical methods;
- · define the company's marketing vision and develop an effective marketing strategy;
- analyze and organize operational processes in the service and production organization using operational tools;
- · use basic methods and tools of financial accounting;
- define and plan entrepreneurial processes based on market analysis;
- analyze the tourist-recreational potential, taking into account the country/region/specific location;
- determine/evaluate tourism product development opportunities and develop appropriate marketing strategy;
- analyze/assess the management principles of the sectors and products included in the tourism industry;
- identify the need to develop a specific tourist destination and develop the right strategy.

Assessment System:

Assessment is based on a 100-point scale. Points in the assessment system are distributed in the following way:

- (A) 91 100 Excellent
- (B) 81 90 Very good
- (C) 71 80 Good
- (D) 61 70 Satisfactory
- (E) 51 60 Sufficient
- (FX) 41 50 Unsatisfactory, a student needs more efforts to pass an examination and is given an extra chance to pass an additional examination through independent work
- (F) 0 40 Failure, student's effort is not sufficient and s/he has to retake a course

Contact Persons:

Tamar magalashvili tamar.magalashvili@iliauni.edu.ge Tamar Jinchveladze tamar.jinchveladze@iliauni.edu.ge Giorgi Papava giorgi.papava@iliauni.edu.ge David Tutberidze davit.tutberidze@iliauni.edu.ge Giorgi Kemertelidze giorgi.kemertelidze@iliauni.edu.ge

Coordinator:

Sopio Gabisonia sopio_gabisonia@iliauni.edu.ge

Programme: Business Administration (Management) (Major)

Academic degree/qualification: Bachelor of Business Administration in Management

Programme duration/scope (semester, number of credits): 8 Semesters, 240 Credits

- · General module 60 Credits
- · Major program -120 Credits
- · Minor program 60 Credits

Language of instruction: English

Programme objectives

The programme prepares a professional who will be able to perform in one of the business administration areas (management) using modern knowledge and entrepreneurial approaches. Moreover, the programme is aimed to equip students with tools needed in the business context. Program is oriented on forming a personality that has skills of independent and efficient decision-making, learning and usage of knowledge in changing circumstances. Graduate will be equipped with transferable competences such as: argumentation, critical/analytical thinking, quantitative reasoning, and effective oral and written communication skills.

Learning Outcomes and Competences

Field-specific competencies:

Concentration - Management

Knowledge and Understanding Graduates know:

- main theories and concepts, modern management approaches and practical aspects of the science of management, in particular general management;
- fundamental principles of strategic and operational management, marketing, entrepreneurship, human resources management, finance and investment, and other functional business spheres;
- · functions of financial institutions and their essential principles;
- a concept of a process management accounting approach, including expense accounting, cost calculation, financial planning, and financial control;

Knowledge Application

Graduates are able to:

- identify under supervision a management type business problem; apply relevant methods and tools for its assessment and analysis; develop efficient recommendations for its solution;
- identify new entrepreneurial opportunities, turn an idea into a specific business plan and develop a business model to implement it;
- analyze and organize operations in an organization;

- explain the reasons of individual and group behavior and identify what motivates people;
- · conduct statistical and econometric analysis with the application of relevant instruments;
- plan and do market research under minimal supervision; break customers into segments, select target customers and define general strategy of company positioning;
- do financial accounting in compliance with international financial accounting standards; provide basic financial analysis.

Transferable competences:

Making Conclusions

Graduates are able to:

- collect and describe/analyze data pertaining to a problem within a business administration context; apply appropriate methods for data analysis and draw logical, well-grounded conclusions based on the results;
- identify alternative, evidence- (or data-) based ways to solve a problem.

Communication Skill

Graduates can:

- prepare a detailed written report covering issues, problems and their solutions in management and then deliver the information in Georgian and English both to specialists and non-specialists;
- communicate information orally and/or in a written form in Georgian and English;
- use modern methods of business communication for various business administration purposes.

Learning Skill:

Graduates are able to:

• assess consistently and comprehensively their learning process in the field of management and identify needs for further development of professional knowledge and skills.

Values

Graduates are able to:

• appreciate values shared in business environment; practice business integrity and ethics in business activities.

Assessment System:

Assessment is based on a 100-point scale. Points in the assessment system are distributed in the following way:

- (A) 91 100 Excellent
- (B) 81 90 Very good
- (C) 71 80 Good
- (D) 61 70 Satisfactory
- (E) 51 60 Sufficient
- (FX) 41 50 Unsatisfactory, a student needs more efforts to pass an examination and is given an extra chance to pass an additional examination through independent work

(F) 0 - 40 Failure, student's effort is not sufficient and s/he has to retake a course.

Contact Persons:

Head of the program:

Tamar Jinchveladze tamar.jinchveladze@iliauni.edu.ge

For more information, please contact: international@iliauni.edu.ge

Business School

Master Programs

Program: Business Administration (Management, Banking and Finance, Tourism Management*)

(*Note: Tourism Management direction is not accepting Students)

Academic Degree/Qualification to be Awarded:

- 1. MBA in Management
- 2. MBA in Banking

Program Duration/Scope (semester, number of credits): Four (4) semesters, 120 credits

Language of Instruction: Georgian

Program Goals

The goal of the master's program is:

- to prepare a professional focused on the modern business environment, its changing and growing demands, who, based on deep and systematic theoretical, empirical, and practical knowledge in the field of management, banking, and finance or tourism management:
- will act as a reliable and independent expert in the process of forming, evaluating, and developing the company's/organization's strategy;
- will use research and decision-making tools, will independently identify problems and solve them effectively;
- will be able to substantiate/defend data-based decisions and conclusions in professional and academic settings.

Learning Outcomes and Competencies (General and Field-specific)

General Competencies

Drawing Conclusions

Upon the completion of the course, students will be able to:

- •perform complex analysis and interpretation of a problem and its context in the field of management, banking and finance, or tourism;
- form reasonable conclusions based on the data, formulate alternatives for problem-solving, and evaluate them this way; determine practical recommendations and interventions to solve the problem.

Communication Skills

Upon the completion of the course, students will be able to:

- communicate in writing and orally the conclusions, arguments, and appropriate methods based on the study and analysis of current issues/problems related to business administration in front of the professional and general public;
- use different channels of communication to engage in discussions with specialists;
- use of modern information and communication technology in various ways.

Learning Skills

Upon the completion of the course, students will be able to:

- get to know and use the latest literature and achievements in the field to deepen knowledge and professional development;
- determine the needs of their learning process and manage it independently.

Values

Upon the completion of the course, students will:

- evaluate the values of the field of business administration;
- operate in a competitive environment with fair business practices; adhere to the ethical norms and moral principles of business conduct;
- follow the norms of academic ethics and avoid intentional or unintentional plagiarism.

Field-specific Competencies

Concentration - Management

Knowledge and Understanding

- determining factors of modern management (social processes, business environment, organizational environment), the structure of the management process, challenges and opportunities of organizational behavior;
- stages of development of a business organization and the strategic management mechanisms necessary for the company's success in a changing competitive environment;
- modern methods and tools for analyzing consumer markets and developing relevant services/products;
- economic theories, models, and tools for analysis and evaluation of the market structure necessary for managerial decision-making;
- methods and tools necessary for financial analysis and evaluation of the company; financial reporting components, elements, and methods of their preparation;
- methods and tools for processing statistical data, including economic and business data, and conducting quantitative research;
- modern research methods and approaches to identify complex problems in the field of management; stages of research project planning and implementation;

- procedures and tools of planning, management, and control of operations in the company;
- processes and tools needed to create an optimal human resources management structure;
- basics of individual behavior, personal qualities, and values, as well as the importance of teamwork.
- Knowledge Application
- Upon the completion of the course, students will be able to:
- plan the long-term strategy of the company's organization in changing business situations;
- assess the role of human resources in increasing labor productivity and strengthening the competitiveness of the enterprise;
- prepare financial reports; analyze required financial statements for making financial and investment decisions; conduct marketing research using appropriate technology/methods and define a marketing strategy for the company;
- formulate modern business strategies; draw up business plans and determine the procedures and needs for their implementation;
- develop a strategic plan for the operational management of the organization, optimization of the organization's resources, and efficient allocation of time; plan production process and production capacities;
- identify a problem in the field of management and independently plan and implement relevant practical research; determine effective alternatives and/or recommendations for problem-solving in the field of management based on research results;
- analyze the functioning of the market using modern economic theories and models and determine practical recommendations for managerial decision-making based on this;
- process statistical data, including economic and business data, conduct quantitative research, and analyze and interpret results;
- plan the management strategy of organizational processes while considering the peculiarities of individual and group behavior.

Concentration - Banking and Finance

Knowledge and Understanding

- the determining factors of modern management (social processes, business environment, organizational environment), the structure of the management process;
- stages of development of a business organization and the strategic management mechanisms necessary for the company's success in a changing competitive environment;
- modern methods and tools for analyzing consumer markets and developing relevant services/products;
- components, elements, and methods of preparation of financial statements; methods and tools necessary for financial analysis and evaluation of the company;
- methods and tools for processing statistical data, including economic and business data, and conducting quantitative research;
- modern research methods and approaches to identify complex problems in banking and finance; stages of research project planning and implementation;

- securities and leasing operations; direct and portfolio investment evaluation mechanisms;
- strategies of financial, market, and credit risk management and the principles and methods of bank regulations;
- structure of banks' cash, deposit, and currency operations; payment forms and systems; forms and systems of banking services; alternative sources of financing, financial derivatives, and financial instruments.

Upon the completion of the course, students will be able to:

- evaluate the management strategy of investment and financial instruments (shares, bonds, futures, options, etc.);
- independently identify current problems in the banking sector and monetary-credit policy and find ways to solve them using modern research methods;
- plan the long-term strategy of the organization in changing business situations;
- prepare financial reports; analyze required financial sources for making financial and investment decisions:
- conduct marketing research using the appropriate technology/method and determine the marketing strategy for the company;
- build modern business strategies; draw up business plans and determine the needs of procedures necessary for their implementation;
- identify the problem in the banking and finance field and independently plan and implement relevant practical research; determine effective alternatives and/or recommendations for problem-solving in the banking and financial sphere based on the research results;
- analyze bank balance sheets and other financial reporting forms;
- perform primary financial analysis, prepare financial reporting forms, and assess the organization's financial condition; analyze the company's liquidity and solvency;
- assess the resource potential of a commercial bank;
- determine the borrower's creditworthiness and assess bank credit;
- calculate economic and financial risk in banks:
- develop risk impact mechanisms;
- determine the liquidity and solvency of commercial banks;
- analyze banks' credit portfolios, determine risks and profitability, and develop an appropriate action plan.

Assessment System:

Assessment is based on a 100-point scale. Points in the assessment system are distributed in the following way:

- (A) 91 100 Excellent
- (B) 81 90 Very good
- (C) 71 80 Good
- (D) 61 70 Satisfactory

(E) 51 - 60 Sufficient

(FX) 41 - 50 Unsatisfactory, a student needs more efforts to pass an examination and is given an extra chance to pass an additional examination through independent work

(F) 0 - 40 Failure, student's effort is not sufficient and s/he has to retake a course.

Contact Persons:

Giorgi Khishtovani giorgi.khishtovani@gmail.com Aleksandre Ergeshidze Aleksandre.ergeshidze@iliauni.edu.ge Tamar Magalashvili tamar.magalashvili@iliauni.edu.ge

Coordinator:

Elene Gogelidze elene.gogelidze@iliauni.edu.ge

Program: Health Policy and Management

Academic Degree/Qualification to be Awarded: MBA in Health Management

Program Duration/Scope (semester, number of credits): Four (4) semesters, 120 credits

Language of Instruction: Georgian

Program Goals

The goal of the master's program is to train a competitive specialist focused on the challenges of healthcare systems and the changing business environment, who will meet the growing demands of the field and based on deep and systematic theoretical, empirical, and practical knowledge gained in the field of healthcare policy and management will:

- act as an effective and independent manager in all aspects of the healthcare sector;
- independently ensure the organization's strategic planning and its implementation/development;
- independently identify, analyze, and effectively solve the problems the healthcare company/organization faces using research and decision-making tools;
- be able to substantiate/defend decisions and conclusions based on data in the professional and academic field.

Learning Outcomes and Competencies (General and Field-Specific)

Knowledge and Understanding

The graduate has in-depth and systematic knowledge of health policy and management. In particular, upon the completion of the course, students will know:

- factors, regulations, modern trends, priorities, and challenges affecting the healthcare economy and national and international policies;
- the role of the state and private law entities at the national and international level in solving the problems and challenges the health sector is facing;
- the methodology of planning, management, implementation, and monitoring of programs of various fields the main principles of realization, functioning, and control mechanisms and tools, taking into account the specificity of the healthcare sector;
- factors affecting the organization of the medical profile and the institutions providing medical services and their effective management;
- impact of the structural arrangement of healthcare institutions and organizations of the medical profile, continuity of strategic and operational management process, and coordinated interaction on effective delivery of healthcare services;
- financing models and analysis and evaluation approaches for the organization operating in the healthcare sector, taking into account the modern challenges of the system;
- health status and demographic characteristics, including morbidity, disease prevalence, mortality, and life expectancy, of specific population groups and the population as a whole;

• methods and approaches necessary for planning and carrying out quantitative and/or qualitative research.

Knowledge Application

Upon the completion of the course, students will be able to:

- perform economic and financial analysis of the healthcare sector, keeping in mind relevant tools, methods, approaches, local and international practices;
- plan programs and projects of different areas of healthcare; determine their structure, budget, evaluation, and monitoring system;
- develop a modern business strategy and plan for medical profile organizations and determine the necessary procedures and measures for their implementation;
- manage the organization of the risk management process in the field of healthcare;
- develop alternative models of financing and investment structure based on the analysis of the investment and financial situation;
- independently plan and implement research of problems/issues in the field of healthcare management using modern methods and principles;
- process and analyze statistical data and determine effective alternatives and recommendations for solving the problem based on the interpretation of the results;
- define the resource optimization strategy for effective management of the medical profile organization, taking into account barriers and opportunities;
- select, define, and plan various preventive (public health, epidemiology) and administrative (medical profile organizations) measures.

Drawing Conclusions

Upon the completion of the course, students will be able to:

- collect, analyze, and synthesize information using the latest methods and approaches relevant to the health sector;
- analyze modern mechanisms of healthcare management to make rational and adequate decisions;
- determine alternative ways of solving problems related to healthcare management, draw relevant conclusions, and develop recommendations.

Communication Skills

Upon the completion of the course, students will be able to:

- present existing data/information and methods, results, and findings of implemented practical research to a professional and academic audience using modern communication technology to study existing problems and challenges in the field of healthcare management;
- synthesize their ideas with theoretical and empirical data and participate in thematic discussions and polemics;
- communicate on field issues in native and foreign languages;

• plan the group work process: effectively assign roles within the team, determine the correct and result-oriented communication with team members, and effectively manage and prevent conflict.

Learning Skills

Upon the completion of the course, students will have developed:

- skills to consistently and multifacetedly evaluate their own learning process/self-reflection, define learning needs, and plan the process independently to expand knowledge;
- the ability to search for the latest scientific literature, research, and achievements relevant to the field based on their professional development needs.

Values

Upon the completion of the course, students will be able to:

- operate in a competitive environment based on the principles of modern management, adhere to the ethical norms of behavior and moral principles established in the field of business and healthcare based on human rights and freedoms and democratic values;
- write a professional quality analysis of health issues through the appropriate use of evidence and citations.

Assessment System:

Assessment is based on a **100-point** scale. Points in the assessment system are distributed in the following way:

- (A) 91 100 Excellent
- (B) 81 90 Very good
- (C) 71 80 Good
- (D) 61 70 Satisfactory
- (E) 51 60 Sufficient
- (FX) 41 50 Unsatisfactory, a student needs more efforts to pass an examination and is given an extra chance to pass an additional examination through independent work
- (F) 0 40 Failure, student's effort is not sufficient and s/he has to retake a course.

Contact Persons:

Head of the Program

Sofia Lebanidze <u>sofia.lebanidze@iliauni.edu.ge</u>

Coordinator:

Elene Gogelidze <u>elene.gogelidze@iliauni.edu.ge</u>

Program: Public Relations

Academic Degree/Qualification to be Awarded: Master in Public Relations

Program Duration/Scope (semester, number of credits): 120 credits (4 semesters)

Language of Instruction: Georgian

Program Goals

The goal of the master's program in Public Relations is to prepare highly qualified personnel with professional skills in the field of public relations, who will be able to define public relations strategy or tactics for organizations independent of the organizational context. And who will also conduct internal and external communication of organizations. The program aims to develop critical and strategic thinking, academic work, and independent problem-solving skills in students as well.

Learning Outcomes and Competencies

Upon the completion of the program in Public Relations, students will have the following competencies:

Knowledge and Understanding:

- have a systematic knowledge of the specifics of public relations strategy and tactics;
- have complex knowledge of marketing functions and integrated marketing communications;
- know the peculiarities of PR functions in the work of different types of organizations when conducting internal and external communications;
- know the theoretical and practical issues of advertising and understand the role of advertising in PR activities.

Knowledge Application

Upon the completion of the course, students will be able to:

- put the theories of public relations into practice;
- use various public relations techniques taking into account different specifics (private, state);
- carry out internal and external communications of organizations using modern PR tools and communication means and methods;
- communicate in writing typical of PR work in relations with various social groups;
- develop communication strategies and prepare different types of PR tools;
- define problems related to public relations issues in the organizational context, independently plan appropriate methods for studying them and implement the project;
- work with mass media;
- develop, evaluate, and organize various types of PR campaigns;
- use modern technologies of mass communication and new media.

Drawing Conclusions:

Upon the completion of the course, students will have developed:

- the ability to formulate reasoned conclusions and determine the appropriate PR strategy to solve the problem based on the complex analysis of the results of the evaluation conducted with modern methods about the issues of public relations;
- the ability to make substantiated, reasoned conclusions based on critical analysis and strategic thinking in a crisis and also to prevent a crisis;
- the ability to conclude the peculiarities of social groups to conduct effective PR communication with them;

Communication Skills:

Upon the completion of the course, students will:

- have professional communication skills;
- be able to communicate their own opinions, analysis results and conclusions with the academic and professional community;
- be able to communicate in Georgian and foreign languages;
- be able to use modern technology for effective communication purposes.

Learning Skills:

Upon the completion of the course, students will be able to:

- evaluate and understand professional development opportunities in the field of public relations;
- plan and manage their learning process independently.

Values:

Upon the completion of the course, students will:

- realize important ethical obligations and values for public relations;
- understand the role of corporate social responsibility in PR;
- be able to act within professional ethical requirements.

Assessment System:

Assessment is based on a 100-point scale. Points in the assessment system are distributed in the following way:

- (A) 91 100 Excellent
- (B) 81 90 Very good
- (C) 71 80 Good
- (D) 61 70 Satisfactory
- (E) 51 60 Sufficient

(FX) 41 - 50 Unsatisfactory, a student needs more efforts to pass an examination and is given an extra chance to pass an additional examination through independent work

(F) 0 - 40 Failure, student's effort is not sufficient and s/he has to retake a course.

Contact Persons:

Head of the Program:

Torkike Guruli <u>tornike.guruli@iliauni.edu.ge</u>

Coordinator:

Elene Gogelidze <u>elene.gogelidze@iliauni.edu.ge</u>

Program: Business Administration

Academic Degree:

- Master of Business Administration (Ilia State University)
- Master of Arts in International Business (Fachhochschule Burgenland)*

Length of the Program: 4 semesters/120 ECTS

Language of Instruction: English

The Aim of the Program:

The aim of the program is to prepare highly qualified professionals with up-to-date knowledge and skills in business administration who can operate effectively and efficiently in a rapidly changing business environment. Graduates will be equipped with an in-depth theoretical/practical knowledge, cutting-edge modern techniques and effective management skills.

A program graduate will be able to:

- act as a reliable, independent expert in administrative processes related to designing, evaluating and developing a strategy for a business company/organization;
- apply appropriate research methods to identify problems in the field of business administration, offer innovative ways for their effective solution by applying efficient principles of informed decision-making;
- perform as an effective team player in the process of tackling complex problems occurring in a multidisciplinary business environment.

Learning Outcomes:

Knowledge and Understanding

A graduate has profound and systematic knowledge of:

- Modern theories, concepts, aspects, standards, frameworks and contemporary views of
 effective management, consumer behavior and marketing management, financial
 accounting and reporting, managerial finance, operation and strategic management;
- Modern managerial tools and instruments;
- Economic theories used in managerial economics;
- Research methods employed to identify complex problems in the field of business administration;
- Specific national and international factors affecting global consumer markets and business environment;
- Consumer behavior decision making process and marketing practices.

Knowledge Application

A graduate is able to:

^{*} offered to exchange students following an additional degree track at Fachhochschule Burgenland.

- Design and evaluate an effective strategy for a competitive business company/organization based on modern principles of strategic management that takes into account specific aspects of national and/or international business environment;
- Develop efficient business plans and programs and outline risk management processes;
- Deliver complex analysis of financial environment;
- Identify ways to effectively optimize organizational resources;
- Employ modern research methods to independently identify problems in the field of business administration and specify innovative ways for their effective solution;
- Apply cutting-edge instruments and tools for effective decision-making, including simulation, modeling and forecasting techniques;

Making Judgment

A program graduate:

- Can analyze complex data, both qualitative and quantitative to make well-informed managerial decisions;
- Can make an expert assessment of business administration processes and deliver corresponding conclusions and recommendations;
- Has skills of logical thinking, assessment, critical analysis and synthesis;

Communication skills

A graduate is able to:

- Uses various channels to communicate effectively with the professional and academic audience:
- Uses communication strategies to perform effectively as a business administrator;
- Communicates coherently in written form, with clear use of language, professional referencing and use of tables, diagrams and graphics where appropriate;
- Uses a range of IT resources to communicate effectively.

Learning skills

A graduate is able to:

- Efficiently manage time, meet deadlines, plan and independently execute a significant master project using a range of materials, tools and relevant methodological approaches;
- Demonstrate autonomous learning capacity to find effective solutions to problems in the area of business administration;
- Identify learning needs for further professional development and manage the process independently.

Values

The graduate:

- Is able to meet ethical standards, including the standards for fair business;
- Promotes professional values based on undertaken business projects.

Assessment System:

Assessment is based on a **100-point** scale. Points in the assessment system are distributed in the following way:

- (A) 91 100 Excellent
- (B) 81 90 Very good
- (C) 71 80 Good
- (D) 61 70 Satisfactory
- (E) 51 60 Sufficient
- (FX) 41 50 Unsatisfactory, a student needs more efforts to pass an examination and is given an extra chance to pass an additional examination through independent work
- (F) 0 40 Failure, student's effort is not sufficient and s/he has to retake a course.

Contact Persons:

The Head of the program:

Nino Paparaia <u>nino.pataraia@iliauni.edu.ge</u> Nikoloz Kavelashvili <u>nikoloz.kavelashvili@iliauni.edu.ge</u>

Coordinator:

Elene Gogelidze <u>elene.gogelidze@iliauni.edu.ge</u>

Business School PhD Program

Program: Business Administration

Academic Degree/Qualification to be Awarded: PhD in Business Administration

Program Duration/Scope (semester, number of credits): 3-5 years (6-10 semesters) - 180 credits

Language of Instruction: Georgian

Program Goals

The goal of the program is to train a new generation of researchers who can carry out innovative research based on the latest methodologies in various areas of business and administration to expand existing knowledge/create new knowledge, integrate the research component into the teaching process, disseminate research results in the international scientific space, and be competitive both in an academic setting and beyond.

Learning Outcomes

Upon the completion of the course, students will:

- 1. know the latest theories and methods in the chosen research field of business and administration;
- 2. be able to define a research problem/issue in the field of business and administration and substantiate its actuality based on relevant, latest, and reliable sources;
- 3. use the latest research methods and approaches, be able to independently carry out innovative research in the research field while adhering to the principles of academic integrity;
- 4. be able to communicate orally and in writing with the scientific community, including publication in internationally refereed journals;
- 5. be able to integrate research into the teaching process;
- 6. be able to plan and evaluate research processes independently.

Assessment System

The educational component is assessed using a 100-point system:

The assessment consists of five types of positive evaluations:

- (A) Excellent 91-100 points;
- (B) Very good 81-90 points;
- (C) Good 71-80 points;
- (D) Satisfactory 61-70 points;
- (E) Sufficient 51-60 points.

Two types of negative assessment:

(FX) Did not pass -41-50 points, indicating that the student needs to work more to pass and is allowed to retake the exam once through independent work;

(F) Fail – 40 points or less, indicating that the work is insufficient, and the student must retake the course.

The assessment of the defense of the dissertation is carried out in accordance with the following system:

- a) Excellent (summa cum laude) excellent work;
- b) Very good (magna cum laude) a result that exceeds the requirements in every way;
- c) Good (cum laude) a result that exceeds the requirements;
- d) Average (bene) work of an average level that meets the basic requirements;
- e) Satisfactory (rite) a result which, despite the shortcomings, still meets the requirements;
- f) Insufficient a work of an unsatisfactory level, which does not meet the requirements due to significant errors in it;
- g) Completely unsatisfactory (sub omni canone) a result that does not meet the requirements at all

In the case of receiving assessment given in the subsections "a"-"e," the doctoral student is awarded the academic degree of doctor.

In the case of receiving the assessment given in subsection "f," the doctoral student is given the right to submit a revised dissertation within one year.

If the assessment in subsection "g" is not received, the doctoral student loses the right to submit the exact dissertation.

Contact person

Nino Pataraia <u>nino.pataraia@iliauni.edu.ge</u> Giorgi Khishtovani <u>giorgi.khishtovani@gmail.com</u> Nikoloz Kavelashvili <u>nikoloz.kavelashvili@iliauni.edu.ge</u>

Coordinator

Sopio Gabisonia sopio gabisonia@iliauni.edu.ge

School of Technology

Bachelor Programs

Name: Architecture (major specialization)

Academic degree/qualification to be awarded: Bachelor of Architecture

Program duration/volume (semester, number of credits): 8 semesters, 240 credits

Language of Instruction: Georgian

The Aim of the Program:

The mission of the Bachelor of Architecture program is to contribute to the improvement of public welfare and quality of life through the built environment.

The program is balanced with theoretical and practical components and synthesizes creativity and intellectual skills. Teaching based on the principle of studio work used in it serves to embody students' creative and critical ideas and develop their basic architectural skills. The program also pays significant attention to interdisciplinary approaches.

The goal of the architecture program is to prepare a responsible and competitive field specialist who:

- will be equipped with a broad knowledge of the basic concepts of architecture, development history and trends, as well as areas related to architecture;
- will be able to use modern technologies of design and construction;
- will have the ability to define a problem/task, make a decision, and develop an architectural project under supervision, taking into account aesthetic, functional, technical aspects and professional ethics requirements;
- will have developed the interpersonal and professional skills needed to enter the modern professional field.

Learning Outcomes:

- shows a broad knowledge of the main ideas, directions and important figures of historical and modern architecture and is able to critically understand them;
- Understands socio-cultural, urban planning, architectural values and contexts, as well as environmental protection and architectural heritage responsibilities;
- In accordance with predetermined guidelines, can critically analyze information, research and use some of the latest aspects of design theory and methods to execute an original architectural project (from sketch to real project), taking into account functional and aesthetic approaches;

- Understands public requirements, client and user interests, the role and importance of the architecture profession at all stages of work on an architectural project;
- Understands and considers structures, materials, constructions, construction processes, technologies and other engineering issues related to building systems; integrates them into project tasks of varying complexity/scale;
- Uses electronic, graphic, layout, verbal, written, multimedia methods when developing, presenting and reviewing an architectural project;
- During the design process, taking into account professional ethics, works individually or in a team and has developed interpersonal skills;
- Determines individual learning needs and plans own professional development.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Vakhtang Kasrelishvili vakhtang.kasrelishvili@iliauni.edu.ge

Coordinator: Gvantsa Lortkipanidze gvantsa.lortkipanidze@iliauni.edu.ge

Name of the program: Mathematics (Major and Minor)

Academic degree/qualification to be awarded: Bachelor in Mathematics

Program duration/volume (semester, number of credits): 8 Semesters, 240 ECTS

Language of Instruction: Georgian

The Aim of the Program:

The goal of the Bachelor's program in Mathematics is to prepare graduates who have studied the fundamental directions of higher mathematics, foundational concepts, and derived concepts, and are capable of establishing organic connections among them.

Additionally, the program aims to provide students with a solid foundation in modern science and technologies for their future application. Students will have the opportunity to familiarize themselves with the applications of mathematics, which includes developing approaches necessary for solving problems and generalizing methods for resolving tasks and their solutions. The program also aims to develop transferable skills such as advanced verbal and written communication in both Georgian and foreign languages, critical analysis, and reasoned judgment.

Learning Outcomes:

- Graduates will have a deep understanding of fundamental concepts, principles, and theories in higher mathematics, including classical mathematical models, and can identify their interconnections;
- Graduates are capable of selecting and applying mathematical methods to solve theoretical and practical problems within these foundational concepts, and can research tasks related to classical mathematical models;
- Graduates possess the ability to logically reason and identify premises and conclusions in mathematical argumentation;
- Graduates can execute practical projects following predefined recommendations or instructions;
- Graduates are proficient in clearly and accurately communicating their arguments and conclusions in both Georgian and English to specialists and non-specialists, adhering to academic integrity principles;
- Graduates are adept at using contemporary informational and communication technologies;
- Graduates can manage their own learning process and effectively utilize resources.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient

- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Merab Svanadze svanadze@iliauni.edu.ge

Coordinator: Gvantsa Lortkipanidze gvantsa.lortkipanidze@iliauni.edu.ge

Name of the program: Computer Science (Major)

Academic degree/qualification to be awarded: Bachelor of Computer Science

Program duration/volume (semester, number of credits): 8 Semesters, 242 ECTS

Language of Instruction: English

The Aim of the Program:

The mission of the Computer Science program is to prepare our students for careers in their chosen area of specialization. As such, the program aims to provide quality instruction, advisory services and student support to ensure students achieve their goals and gain the knowledge and experience required to succeed in the demanding field of Computer Science.

The Program Educational Objectives of the Computer Science program coincides with Ilia State University's mission to generate, disseminate and apply knowledge to advance science and benefit society both, on national and global scales.

Besides focusing on providing necessary professional skills to students, the program delivers several courses to equip graduates with broad insights that would prepare them to stay efficient and live in harmony, in society, in general. Some of these courses will enhance critical thinking of future graduates of the program, and some will provide basic education in the field of natural sciences. Emphasis on teamwork as well as organization and structure of the core courses will give graduates the capability to fill the growing demand of software engineers, Web and Mobile application developers, data engineers, data scientists, system and database developers and administrators.

Within the program, fundamental courses in the key fields of mathematics, probability theory and statistics will be well integrated with the courses in software engineering, systems administration and data science. The program structure ensures the incremental acquisition of adequate practical and theoretical knowledge in the fields of Computer Science. Program graduates will be competitive professionals in Georgia and abroad in areas of software engineering, systems administration and data science.

In addition, the program is oriented towards the development of transferable skills such as effective oral and written communication in at least one non-native language, hence it will lead to the development of multicultural awareness. We expect that our graduates will use these skills to advance their careers in whichever area of their interest, in industry, or governmental sector or continue their studies in academia.

Learning Outcomes:

The program learning outcomes aim at equipping students with:

- Analyse a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions;
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline;
- Communicate effectively in a variety of professional contexts;
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles;
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline;
- Apply computer science theory and software development fundamentals to produce computing-based solutions.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Erekle Maghradze erekle.magradze@iliauni.edu.ge

Coordinator: Ana Tchrelashvili ana.tchrelashvili@iliauni.edu.ge

Name of the program: Computer Engineering (Major)

Academic degree/qualification to be awarded: Bachelor of Computer Engineering

Program duration/volume (semester, number of credits): 8 Semesters, 244 ECTS

Language of Instruction: Georgian

The Aim of the Program:

The aim of the bachelor program is to prepare highly qualified computer engineers who will be equipped with extensive knowledge in design, developing and operation of computer hardware, as well as in the development of computer software. To this end, it intends to well-pad its students with broad knowledge of computer hardware, electronic devices, their technical characteristics and related physical processes, as well as computational and engineering skills for using various ways and methods for their improvement. At the same time, the program aims to develop the professional skills of the students that will allow them to have successful careers in computer engineering.

Learning Outcomes:

The program learning outcomes aim at equipping students with:

- An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics;
- An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors;
- An ability to communicate effectively with a range of audiences;
- An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts;
- An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives;
- An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions;
- An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good

- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Paata Gogishvili paata.gogishvili@iliauni.edu.ge

Coordinator: Ana Tchrelashvili ana.tchrelashvili@iliauni.edu.ge

Name of the program: Computer Engineering (International)

Academic degree/qualification to be awarded: Bachelor of Computer Engineering

Program duration/volume (semester, number of credits): 8 Semesters, 244 ECTS

Teaching Language:

Language of Instruction: English

The Aim of the Program:

The aim of the bachelor program is to prepare highly qualified computer engineers who will be equipped with extensive knowledge in design, developing and operation of computer hardware, as well as in the development of computer software. To this end, it intends to well-pad its students with broad knowledge of computer hardware, electronic devices, their technical characteristics and related physical processes, as well as computational and engineering skills for using various ways and methods for their improvement. At the same time, the program aims to develop the professional skills of the students that will allow them to have successful careers in computer engineering.

Learning Outcomes:

The program learning outcomes aim at equipping students with:

- An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics;
- An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors;
- An ability to communicate effectively with a range of audiences;
- An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts;
- An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives;
- An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions;
- An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Paata Gogishvili paata.gogishvili@iliauni.edu.ge

Coordinator: Ana Tchrelashvili ana.tchrelashvili@iliauni.edu.ge

Name of the program: Electrical and Electronic Engineering (Major)

Academic degree/qualification to be awarded: Bachelor of science is electrical and electronic engineering

Program duration/volume (semester, number of credits): 8 Semesters, 244 ECTS

Language of Instruction: English

The Aim of the Program:

The mission of the Electrical and Electronic Engineering program is to prepare our students for careers in their chosen area of specialization. As such, the program aims to provide quality instruction, advisory services and student support to ensure students achieve their goals and gain the knowledge and experience required to succeed in the demanding field of Electrical and Electronic Engineering.

The Program Educational Objectives of the Electrical and Electronic Engineering program are closely aligned with Ilia State University's mission to generate, disseminate and apply knowledge to advance science and benefit society both, locally and globally. The program aspires to achieve a high level of internationalization and future cooperation between the graduates across borders.

Besides focusing on providing necessary professional skills to the graduate, the program delivers several courses to endow graduates with broad insight that would prepare them to function efficiently and live in harmony, in the society, in general. Some of these courses will enhance the critical thinking of the aspirants, and some will give a basic education in the field of natural sciences. With such broad background graduates will be well-positioned to fill in the growing demand for problem solvers and leaders in the electrical engineering fields of microelectronics, signal processing, telecommunications, electronic, control and power engineering. To advance their job oriented skills, students will have an opportunity to develop their managerial skills that are instrumental to a successful professional career.

Within the program, fundamental courses in math, physics and statistics build to later courses in engineering design. The program is structured to ensure adequate incremental practical and theoretical knowledge in the field of Electrical and Electronic Engineering. Program graduates will be competitive professionals in Georgia or abroad in areas of project and engineering design and management. They will also be able to continue their education at the master level of studies.

In addition, the program is oriented towards the development of transferable skills such as effective oral and written communication in at least one other non-native speaking language so as to develop multicultural awareness. We expect that our graduates will use these skills in whichever sector they consider advancing their careers, be it either in the private, government or educational.

Learning Outcomes:

The program learning outcomes aim at equipping students with:

- An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics;
- An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors;
- An ability to communicate effectively with a range of audiences;
- An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts;
- An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives;
- An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions;
- An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Giorgi Veshapidze giorgi.veshapidze@iliauni.edu.ge

Coordinator: Ana Tchrelashvili ana.tchrelashvili@iliauni.edu.ge

Name of the program: Civil Engineering (Major)

Academic degree/qualification to be awarded: Bachelor of Civil Engineering

Program duration/volume (semester, number of credits): 8 semesters, 254 ECTS credits

Language of Instruction: Georgian

The Aim of the Program:

The goal of the program is to train highly qualified specialists in civil engineering who will be equipped with broad theoretical knowledge and relevant engineering practical skills. Also, the program aims to develop students' professional skills for a successful professional career, so that they can contribute to the improvement of public welfare, quality of life and the created environment.

Learning Outcomes:

The following Learning Outcomes will be assessed for each student:

- An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics;
- An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors;
- An ability to communicate effectively with a range of audiences;
- An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts;
- An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives;
- An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions;
- An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient

(FX) 41-50 Unsatisfactory - meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.

(F) Failure - 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Vakhtang Balavadze vakhtang.balavadze@iliauni.edu.ge

Coordinator: Gvantsa Lortkipanidze gvantsa.lortkipanidze@iliauni.edu.ge

Name of the program: Civil Engineering (Major)

Academic degree/qualification to be awarded: The Degree of Bachelor of Civil Engineering

Program duration/volume (semester, number of credits): 8 Semesters, 252 ECTS

Language of Instruction: English

The Aim of the Program:

The mission of the Civil Engineering at Ilia State University is to prepare our students for careers in their chosen area of specialisation. As such, the program aims to provide quality instruction, advisory services and student support to ensure students achieve their goals and gain the knowledge and experience required to succeed in the demanding field of civil engineering.

The Program Educational Objectives of the Civil Engineering program are closely aligned with Ilia University's mission of advancing science to the benefit of society locally and internationally. This is especially true in a people serving profession such as civil engineering which is entirely focused on bettering the standard of living of society at large. With an internationalised focus and teaching in English language with the aim to involve both local and international students in the program, we hope for a high level of internationalisation and future cooperation between the graduates across borders.

This program focuses on the delivery of interdisciplinary courses to create well rounded holistic thinkers, problem solvers and future leaders in the civil engineering fields of water, transport, structural and geotechnical engineering. To complement the interdisciplinary learning promoted by this program, students will have the ability to take business administration courses to acquire managerial skills that are instrumental to a successful professional career.

Within the programme, fundamental courses in maths, physics, chemistry and additional natural science electives build to later courses in engineering design. The program is structured to ensure adequate incremental practical and theoretical knowledge in the field of Civil Engineering. Programme graduates will be competitive professionals in Georgia or abroad in areas of project and engineering design and management. They will also be able to continue their education at the master level of studies.

In addition, the programme is oriented towards the development of transferable skills such as effective oral and written communication in at least one other non-native speaking language so as to develop multicultural awareness. We expect that our graduates will use these skills in whichever sector they consider advancing their careers, whether it be in the private, government or educational sector.

Learning Outcomes:

The following Learning Outcomes will be assessed for each student:

- An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics;
- An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors;
- An ability to communicate effectively with a range of audiences;
- An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts;
- An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives;
- An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions;
- An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Vakhtang Balavadze vakhtang.balavadze@iliauni.edu.ge Coordinator: Gvantsa Lortkipanidze gvantsa.lortkipanidze@iliauni.edu.ge

School of Technology

Master Programs

Name of the program: Modern architecture and sustainable development

Academic degree/qualification to be awarded: Master of Architecture

Program duration/volume (semester, number of credits): 4 semesters, 120 credits

Language of Instruction: Georgian

The Aim of the Program:

The Master's Program in Contemporary Architecture and Sustainable Development serves to develop innovative approaches, expand/deepen individual talent or creative ability, and promote the widespread use of sustainable development principles in contemporary architectural practice.

The goal of the program is to raise a new generation of competitive architects who:

- will be equipped with in-depth knowledge of modern concepts, theories, methods and latest trends/discourse of sustainable architecture;
- will be able to independently execute an architectural project based on research, taking into account the principles of sustainable development, trends, architectural standards and various factors (including climatic, social, economic, environmental protection, cultural);
- both in the studio and in the real work environment, he will be able to creatively integrate the theoretical knowledge obtained within the framework of the adjacent specialties obtained by researching relevant contexts and analyzing factors into original practical architectural solutions;
- will be ready for independent architectural activity in accordance with the requirements of professional ethics.

Learning Outcomes:

A graduate of the program:

- Demonstrates in-depth knowledge of key concepts, theories and contemporary discourse in the field and understands their relationship to architectural design and practice;
- Can independently carry out an original architectural project from the initial stage to the final stage, using relevant methods, based on research and critical analysis of humanitarian, social, economic, environmental, cultural contexts, taking into account conceptual, functional-technological, spatial, technical, ergonomic and aesthetic factors;
- Understanding the importance of the architect's profession and the architect's role in society, he carries out architectural activities, during which he takes into account the

interests of the customer and the user, adheres to the relevant legal regulations and professional ethics, and understands the business processes related to architectural activities and the construction industry;

- Demonstrates systematic knowledge of modern strategies and concepts for reducing the environmental impact of architectural structures and selects materials considering not only their aesthetic characteristics, but also their potential impact on the environment;
- In the project, it combines construction, communication, engineering and security systems into one functional whole;
- Effectively uses visual, written, oral methods and media capabilities to communicate with stakeholders (academic, professional and general public);
- Can work effectively autonomously and in a multidisciplinary team and critically reflect on own results.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Ia Kupatadze ia.kupatadze@iliauni.edu.ge

Coordinator: Gvantsa Lortkipanidze gvantsa.lortkipanidze@iliauni.edu.ge

Name of the program: Basic paradigms and applications of modern mathematics

Academic degree/qualification to be awarded: Master in Mathematics

Program duration/volume (semester, number of credits): 4 semesters, 120 credits

Language of Instruction: Georgian

The Aim of the Program:

The goal of the Master's program "Basic Paradigms and Applications of Modern Mathematics" is to prepare competent graduates for a successful professional career or further study, who will have a deep and systematic knowledge of important, universal and widely applicable paradigms, concepts and methods of modern mathematics; will be able to independently carry out research in the chosen field of mathematics; They will master the applied aspects of mathematics, which involves the development of approaches necessary for solving actual problems through generalization and abstraction.

Learning Outcomes:

The graduate has:

- Deep and systematic knowledge of important, universal and widely applicable results, paradigms and methods of modern mathematical science;
- Ability to use mathematical methods and create and investigate mathematical models to solve a wide range of actual tasks (including practical tasks);
- The ability to select a research topic based on a critical analysis of existing knowledge in the selected field of research, to plan the research process, to independently carry out research using modern methods, and to formulate substantiated conclusions based on the obtained results:
- The ability to communicate mathematical ideas, context, own arguments and conclusions in front of the academic and professional community both orally and in writing, observing the principles of academic integrity;
- The ability to act autonomously in the process of teaching and research and shows his own scientific vision and professional attitude.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient

(FX) 41-50 Unsatisfactory - meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.

(F) Failure - 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Giorgi Khimshiashvili giorgi.khimshiashvili@iliauni.edu.ge

Coordinator: Gvantsa Lortkipanidze gvantsa.lortkipanidze@iliauni.edu.ge

Name of the program: Software engineering

Academic degree/qualification to be awarded: Master of Software Engineering

Program duration/volume (semester, number of credits): 4 semesters, 120 credits

Language of Instruction: Georgian

The Aim of the Program:

The goal of the master's program: "Software Engineering" is to prepare a competitive professional oriented to the growing demands of the field, who responds to the challenges in the field and based on deep and systematic theoretical and practical knowledge:

- Can independently design, develop, test, evaluate and manage complex software systems with innovative methods to effectively solve challenges/problems in various fields, both locally and internationally;
- Able to contribute to the development of the professional field, make informed decisions and protect/justify the results taking into account ethical values and legal norms.

Learning Outcomes:

Graduate:

- Has a deep and systematic knowledge of the latest software engineering theories, programs, management methodologies and international standards;
- Has the ability to design software systems, test programs, verify-validate, develop, implement and manage;
- Has the ability to analyze, evaluate and develop reliable, effective and innovative software solutions to problems/challenges in the field of software engineering using the latest methods and approaches;
- Has the ability to use modern technologies to present his own conclusions, substantiated arguments and research results to the academic and professional community, both verbally and in writing, observing the principles of academic integrity and professional ethics;
- Can find and study the latest scientific literature, researches and new technological achievements relevant to the field based on the needs of his professional development.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient

(FX) 41-50 Unsatisfactory - meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.

(F) Failure - 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Shota Tsiskaridze shota.tsiskaridze@iliauni.edu.ge

Coordinator: Ana Tchrelashvili ana.tchrelashvili@iliauni.edu.ge

School of Technology

PhD Programs

Name of the program: Mathematics

Academic degree/qualification to be awarded: PhD in Mathematics

Program duration/volume (semester, number of credits): 3-5 years (6-10 semesters) - 48 credits

Language of Instruction: Georgian

The Aim of the Program:

The objective of the Doctoral Program in Mathematics is to prepare a new generation of researchers capable of conducting innovative research in fundamental or interdisciplinary problems in various fields such as algebra, geometry, topology, differential equations, mathematical physics, and mechanics of continuous media, using the latest methodologies in mathematics and validating newly created knowledge through international peer-reviewed and reviewed journal publications.

Learning Outcomes:

Upon completion of the program, graduates will have:

- The ability to independently plan and implement innovative research in a chosen field of
 mathematics (algebra, geometry, topology, differential equations, mathematical physics,
 mechanics of continuous media) aimed at solving fundamental or interdisciplinary
 problems.
- The ability to disseminate new knowledge in the field of mathematics through internationally peer-reviewed publications.
- Skills in knowledge transfer in the process of auditorium teaching.
- Proficiency in scientific communication while adhering to academic ethical standards.
- The ability to create and develop new ideas based on the latest achievements and further research processes.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory

- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Persons:

The Head of the program: Giorgi Khimshiashvili giorgi.khimshiashvili@iliauni.edu.ge

Coordinator: Gvantsa Lortkipanidze gvantsa.lortkipanidze@iliauni.edu.ge

School of Education

Bachelor-Master Program

Name of the program: Education of a Primary School Teacher (I-VI grades)

Academic degree/qualification to be awarded: MA in Education

Duration of the program (semesters, number of credits): 300 credits (10 semesters); (1 credit - 25 hours):

Major - 258 credits;

General Module - 42 credits

Language of instruction: Georgian

Program aims

The aim of the program is to prepare primary school (grades 1-6) teachers of the Georgian language and literature, mathematics, natural sciences, and social sciences, providing them with theoretical knowledge, practical skills, competencies, and values relevant to successful professional activity, which would empower them to respond to the modern requirements and challenges of the profession.

The program is oriented at developing students' research skills, which will assist them, based on the research of pedagogical practice, to develop professionally and enhance the quality of teaching and learning.

The program also aims to develop transferable skills essential for teachers, such as effective oral and written communication both in Georgian and English, quantitative reasoning and critical thinking skills, effective teamwork skills, and the ability to identify problems and find autonomous, effective solutions to them.

The aims and learning outcomes of the program align with the higher education sector benchmarks for teacher education, the subject scope of the corresponding level of the teacher's professional standard, and the requirements set forth for the senior teacher.

Learning outcomes and competencies

Knowledge and awareness

The program graduate:

- possesses knowledge corresponding to the requirements of the subject scope of the professional standard of the primary school (grades 1-6) teacher of the Georgian language and literature, mathematics, natural sciences, and social sciences;
- has extensive knowledge of fundamental theories of personality, development, and education. Is aware of the importance of incorporating them into the learning process to create a secure, free, and motivating learning environment that promotes the physical, socio-emotional, and cognitive development of each student;
- is capable of planning, organizing, conducting, and evaluating both long- and short-term educational processes oriented at the learner and the outcome, while also taking into account the national goals of general education, the national curriculum, school priorities, and individual learner needs;
- is knowledgeable about the basic principles of identifying special educational needs and creating universal designs, to ensure maximum exposure of students' abilities, their inclusion in the learning process, and integration into the classroom;
- is aware of the role and significance of extracurricular activities in enhancing students' motivation, learning, and multifaceted development;
- is aware of the fundamental approaches of planning, conducting, and analyzing pedagogical practice research; understands the value and necessity of applying research results to advance their own professional development as well as enhance the quality of teaching and learning;

Using knowledge in practice:

The program graduate can:

- effectively use subject knowledge in teaching;
- effectively use their knowledge of personality, development, and educational theories to create a safe, free, and inspiring learning environment that supports the physical, socioemotional, and cognitive development of each student;
- develop both long- and short-term curricula, as well as conduct and evaluate the learning process, in accordance with the national goals of general education, the national curriculum, school priorities, and students' needs;
- collaborate with a special education teacher and, through consultation with them and/or the involvement of other relevant specialists, design and implement an individualized curriculum for students with special educational needs, fostering their socio-emotional and cognitive development in a positive and secure learning environment.
- plan and conduct extracurricular activities while taking into account students' interests and abilities;

• depending on the specificity of the research subject, select appropriate research techniques, conduct research, and based on the analysis of research findings, plan and implement interventions, and evaluate their effectiveness.

Drawing conclusions skill

The program graduate can:

- based on a complex, consistent, and critical analysis of their own practice, draw appropriate conclusions, identify their strengths and weaknesses, and develop appropriate strategies to increase the effectiveness of the teaching and learning process while also promoting their own professional growth;
- examine and critically evaluate current trends and scholarly discussions in the field of education science.

Learning skills

The program graduate can:

• both in their native language and in English find, absorb, and apply new knowledge, trends, and contemporary research in the field of education science to improve learners' results, upgrade school practices, and promote their own professional development.

Communication skills

The program graduate can:

- effectively communicate and work collaboratively with students, colleagues, parents, and the community to improve learner's results, create a positive environment, and promote their own and their colleagues' continuous professional development.
- communicate in Georgian and English both in writing and orally while adhering to academic and ethical standards;
- use modern information technologies effectively in communication.

Values

The program graduate understands the value of:

- · continuous professional development for the teaching profession;
- research-based practice improvement;
- inclusive education for creating a positive learning environment;

- sharing and exchanging experiences with colleagues;
- the rules of professional ethics and compliance with them.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Person:

Sopiko Lobjanidze sopiko lobjanidze@iliauni.edu.ge

Coordinator:

Ani Chavleishvili <u>ani.chavleshvili@iliauni.edu.ge</u>

School of Education Master Programs

Name of the program: Education Administration

Language of instruction: Georgian

Academic degree to be awarded: Master of Education Administration

Language of Instruction: Georgian

Program Aims

The aim of the program is to prepare a general or higher education professional who:

- can ensure the management of educational processes and the transformation of educational processes, based on the research results;
- is equipped with the competencies required for a leader in the education sector and acts in compliance with the principles of professional and academic ethics;
- · can independently develop their professional knowledge and skills.

Learning outcomes and competencies (general and subject-related)

The program graduate can:

- 1. critically analyze and evaluate existing theories and research related to general or higher education administration and leadership issues and apply it in response to organizational challenges and goals;
- 2. identify current problems/issues in educational organizations, analyze them critically, and develop workable solutions in response to ongoing shifts in the educational field, while taking into consideration the organization's strategic priorities, relevant human, material, and financial resources, and drawing from the results of independently conducted research;
- 3. manage organizational processes and promote the development of cooperative relations between the organization and stakeholders;
- 4. plan, organize and effectively manage teaching-learning processes and, should the need arise, transform and coordinate them at the level of an educational organization, its component unit, or educational program/initiative;

5. conduct academic and professional activities in conformity with the principles of academic integrity and ethical norms and fosters the creation of an ethical environment in both the academic and professional spheres;

6. plan and implement their individual professional growth by engaging in self-reflection and identifying the strengths and weaknesses of their own professional practice.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Person:

Elene Jibladze <u>elene.jibladze@iliauni.edu.ge</u>

Coordinator:

Elene Gabisonia <u>elene.gabisonia@iliauni.edu.ge</u>

Name of the program: Special Education * (Note *Program is not accepting students)

Degree to be awarded: Master of Special Education

Language of Instruction: Georgian

Program aims

The aim of the program is to prepare a special education professional who, through multidisciplinary cooperation, can effectively manage an inclusive educational process and arrange the learning environment that meets the needs of both an individual and a group.

The program is designed to ensure students' acquisition of complex theoretical knowledge and essential practical skills.

The priority of the program is to teach students effective strategies for the education of individuals and groups with special educational needs and to research special and inclusive education.

Learning outcomes and competencies/skills (General and subject-related)

Knowledge and awareness

The program graduate:

- 1. has a solid understanding of fundamental historical, philosophical, and legal principles of special and inclusive education, as well as contemporary approaches and practices in the field:
- 2. has systematic knowledge about different types of disorders and accompanying educational needs;
- 3. is aware of individual and group methods/strategies for developing basic academic skills and of appropriate assistive technologies;
- 4. is familiar with the principles of universal design of learning;
- 5. is knowledgeable about the types of adaptation of the national curriculum;
- 6. is knowledgeable about the specifics of developing and implementing an individual curriculum;
- 7. is aware of modern approaches and tools for planning, managing, and evaluating the effectiveness of the educational process;
- has complex knowledge of educational theories, age-related development, educational
 psychology, and factors influencing the education and development of individuals and
 groups;

Practical application of knowledge:

The program graduate can:

- 1. apply a range of effective strategies and modern technologies in teaching groups and individuals;
- 2. assess the educational environment and adapt it to the educational needs of an individual and a group;
- 3. plan and manage the educational process, evaluate its effectiveness, and make decisions based on evidence and data to improve the educational process;
- 4. can identify, in the context of various educational environments, the special educational needs of individuals and groups by employing specialized techniques and instruments to introduce and effectively implement a customized, differentiated approach.

Drawing conclusions

The program graduate can:

- 1. identify problematic issues and initiate solutions, based on data collection, their critical analysis, interpretation and innovative synthesis;
- 2. make evidence-based decisions to maximize the chances for individuals and groups to unlock their full potential;
- 3. make use of the results of student assessments conducted by themselves and other specialists to enhance the educational processes of individuals and/or groups with special educational needs;

Learning skills

The program graduate can:

- 1. plan and implement professional development based on the identification of the strengths and weaknesses of their own practice;
- 2. find, process and effectively utilize learning resources, to update and develop their knowledge and professional skills;

Communication skills

The program graduate can:

- 1. formulate their own opinion in a clear and argumentative manner by adhering to the academic style;
- 2. use ethical and internationally recognized terminology in the process of education of individuals and groups with special educational needs and in advocating this process;
- 3. make effective use of media communication tools and digital information technologies to cooperate and interact with learners with special educational needs, colleagues, parents (other legal representatives);

Values

The program graduate:

- 1. protects and upholds the rights of individuals and groups to education at all levels, while taking account of ethical norms;
- 2. can create an educational environment that is founded on mutual respect and devoid of any form of discrimination;
- 3. is aware of the importance and specificity of counseling family members and colleagues;

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact Person:

Tinatin Chincharauli <u>tinatin.chincharauli@iliauni.edu.ge</u> Nino Gogichadze <u>nino.gogichadze@iliauni.edu.ge</u>

Coordinator:

Elene Gabisonia <u>elene.gabisonia@iliauni.edu.ge</u>

School of Education PhD Program

Name of the program: **Doctoral Program in Education**

Degree to be awarded: Ph.D. in Education

Language of instruction: Georgian

Program aims

The doctoral program of Ilia State University encompasses research interests in a range of fields of the education sector. Its purpose is to establish new knowledge by bridging the gap between existing knowledge and research. The program is consistent with the mission of the university and enhances the research field as well as the regional role and international standing of the university.

The aim of the doctoral program is to:

- prepare competitive education researchers who are capable of researching problems and challenges facing the field of education by synthesizing the knowledge in education science and its adjacent disciplines;
- develop novel insights and generate new knowledge based on interdisciplinary approaches around the challenges facing the field of education;
- contribute to the development of education policy/subject didactics as a field of study, based on current discussions in the area;
- prepare academic staff for higher education;
- promote doctoral students as researchers and assist them to integrate into the global scientific community.

Learning outcomes

Knowledge and awareness

The program graduate has:

- knowledge based on the latest achievements in education policy/didactics, with due consideration of their theoretical and practical aspects and features, which allows for the expansion of existing knowledge or the application of innovative methods;
- knowledge of the latest methods of educational research, which will enable them to conduct relevant research in education policy/didactics using innovative interdisciplinary approaches and methodology;
- understanding and awareness of the need to reexamine what is already known about contemporary issues in the field of didactics/educational policy and the potential for

the creation of new knowledge via the use of interdisciplinary approaches in educational research.

Practical application of knowledge:

The program graduate can:

- discuss and analyze contemporary issues of didactics/education policy in terms of various theories both in local and international contexts;
- develop analytical and research techniques, methodologies, and approaches oriented at the creation of new knowledge;
- plan and implement independently a comprehensive cycle of innovative research in the area of didactics/educational policy utilizing interdisciplinary approaches, and publish the research findings and results in internationally refereed publications;
- disseminate new knowledge on educational issues at the organizational and/or system level by engaging in the current local and international socio-scientific discourse;
- evaluate and analyze their own academic activity individually, and identify needs/opportunities for its improvement.

Drawing conclusions skill

The program graduate can:

- cultivate/develop a new research methodology in the areas of education policy and educational didactics based on critical analysis, synthesis, and evaluation of new, complex, and contradictory ideas and approaches;
- make effective decisions independently for the solution of a problem to generate fresh insights and develop new knowledge

Communication skill

The program graduate can:

- articulate new knowledge in a clear and substantiated manner in light of the body of knowledge already known in the field.
- engage in scientific communication in both their native language and English, while observing the principles of academic integrity;
- use modern information and communication technologies effectively in communication.

Learning skills

The program graduate

- is capable of identifying their own learning and research needs based on the current trends in the area;
- is ready to develop new concepts and procedures for learning and research based on knowledge and methodology derived from the latest achievements in the field of research;
- can effectively manage time and resources.

Values

The program graduate

- helps to establish education as a value in society;
- observes the principle of academic integrity and promotes its implementation in university settings;
- respects the opinion of colleagues and adheres to the norms of scientific ethics while conducting research.

Assessment System

The educational component is assessed using a 100-point system:

The assessment consists of five types of positive evaluations:

- (A) Excellent 91-100 points;
- (B) Very good -81-90 points;
- (C) Good 71-80 points;
- (D) Satisfactory 61-70 points;
- (E) Sufficient 51-60 points.

Two types of negative assessment:

- (FX) Did not pass -41-50 points, indicating that the student needs to work more to pass and is allowed to retake the exam once through independent work;
- (F) Fail 40 points or less, indicating that the work is insufficient, and the student must retake the course.

The assessment of the defense of the dissertation is carried out in accordance with the following system:

- a) Excellent (summa cum laude) excellent work;
- b) Very good (magna cum laude) a result that exceeds the requirements in every way;
- c) Good (cum laude) a result that exceeds the requirements;
- d) Average (bene) work of an average level that meets the basic requirements;
- e) Satisfactory (rite) a result which, despite the shortcomings, still meets the requirements;
- f) Insufficient a work of an unsatisfactory level, which does not meet the requirements due to significant errors in it;
- g) Completely unsatisfactory (sub omni canone) a result that does not meet the requirements at all.

In the case of receiving assessment given in the subsections "a"-"e," the doctoral student is awarded the academic degree of doctor.

In the case of receiving the assessment given in subsection "f," the doctoral student is given the right to submit a revised dissertation within one year.

If the assessment in subsection "g" is not received, the doctoral student loses the right to submit the exact dissertation.

Contact Person:

Marika Kapanadze marika kapanadze@iliauni.edu.ge

Coordinator:

Elene Gabisonia elene.gabisonia.1@iliauni.edu.ge

School of Education 60 Credit Teacher Preparation Programs (Non-Degree, Certificate Programs)

Name of the certificate program: Teacher training educational program (Georgian language and literature, mathematics, history, civic education, geography, biology, physics, English language, German language, Russian language, Georgian as a second / foreign language)

Program length: 1 year (60 credits)

Purpose of the program: The purpose of the program is to prepare a teacher of the basic and secondary level (in the case of foreign language teacher, primary, basic and secondary level) who will have the necessary knowledge and skills for teaching the relevant subject.

The objectives and results of the program are in accordance with the sectoral characteristics of the educational program of teacher education and the requirements of an excellent teacher defined by the teacher's professional standard.

The aims and learning outcomes of the program align with the higher education sector benchmarks for teacher education, the subject scope of the corresponding level of the teacher's professional standard.

Learning outcomes:

Knowledge and understanding (common to all areas)

A graduate of the program:

- is familiar with the national goals of general education and the national curriculum, realizes the need of a student- and result-oriented learning process;
- knows the basic principles of differentiated approaches in the educational process and knows how to create an inclusive learning environment;
- knows both long-term and short-term planning of the student- and result-oriented learning process and realizes the necessity of planning;
- knows the basic theories of development and education and realizes their importance in the proper leading of the educational process;
- knows diverse and innovative learning and teaching strategies and the possibilities of their use;
- Knows assessment types and methods.
- knows the methods of analyzing the results of students in order to improve their own professional development, learning process and student results;

- knows the main factors contributing to the formation of a cooperative culture at school and realizes the importance of a cooperative environment in improving the quality of own professional development and teaching;
- knows effective strategies for classroom management and conflict resolution;
- knows the basic approaches to the evaluation and analysis of pedagogical practice and realizes the importance of using the evaluation results in improving the quality of teaching and learning;
- knows the basics of legal regulation related to teaching and learning;
- realizes the role and importance of extracurricular activities for students' motivation, learning and multifaceted development;

Knowledge and understanding (for the direction of Georgian language and literature):

A graduate student:

- knows the requirements of the Georgian language and literature subject program and the teacher's standard provided by the national curriculum;
- Is familiar with modern approaches and strategies for teaching native language and literature. realizes their strengths and weaknesses;
- understands the principles of integrated language teaching;
- realizes the importance of the basic speech skills of the language (listening, speaking, reading and writing) in the process of developing the student's linguistic competences;
- realizes the role of Georgian literature in the understanding of national and universal values:
- Realizes the role of Georgian language and literature teaching in the development of piercing competencies defined by the national curriculum;
- realizes the importance of considering age and other individual characteristics in the process of learning and teaching Georgian language and literature;
- knows the components and forms of knowledge assessment in the teaching of Georgian language and literature;
- realizes the role and importance of extracurricular (extracurricular) activities in teaching Georgian language and literature for raising students' motivation and multifaceted development;

Knowledge and understanding (for mathematics):

A graduate student:

- knows the requirements of the mathematics subject program of the national curriculum and the teacher's professional standard;
- knows diverse and innovative strategies for learning and teaching mathematics, realizes their strengths and weaknesses;
- knows how to teach and assess students' learning achievements in mathematics;
- realizes the importance of age and other individual characteristics in the process of learning and teaching mathematics;

• Understands the role and importance of extracurricular activities in mathematics teaching for students' motivation, learning and multifaceted development.

Knowledge and understanding (for social sciences - history):

A graduate student:

- knows the requirements of the history subject program of the national curriculum and the teacher's professional standard;
- knows diverse and innovative strategies for learning and teaching history, understands their strengths and weaknesses;
- knows how to teach and assess students' learning achievements in history;
- realizes the importance of age and individual characteristics in the process of learning and teaching history;
- Understands the role and importance of extracurricular activities in history teaching for students' motivation, learning and multifaceted development.

Knowledge and understanding (for social sciences - geography):

A graduate student:

- knows the requirements of the geography subject program of the national curriculum and the teacher's professional standard;
- knows how to use the main concepts of geography and specific research methods in the process of teaching geography;
- recognizes the role and importance of geography in achieving national goals for general education;
- knows how to develop piercing competences with the help of geography;
- knows the strategies of learning and teaching geography, is aware of the difficulties and peculiarities of using strategies with different age groups;
- knows how to evaluate students' learning achievements in geography;
- Realizes the role and importance of extracurricular work in teaching geography for the multifaceted development of students.

Knowledge and awareness (for social sciences - civil education):

A graduate student:

- knows the requirements of the civic education subject program of the national curriculum and the teacher's professional standard;
- mastered the main notions of democratic citizenship, concepts and methods of teaching interdisciplinary connections between them;
- aware of diverse and innovative strategies for learning and teaching citizenship, aware of their strengths and weaknesses;
- knows different strategies for evaluating students' achievements in teaching citizenship;
- knows the impact of the age and individual characteristics of students on the citizenship learning process;
- knows pluralistic and multi-perspective approaches in teaching citizenship;
- knows the learning conditions and methods of transferring the concepts of democratic citizenship into life practice;

- realizes the mutual influence of students' social practice and democratic citizenship learning;
- Knows the methods of development of basic competences necessary for lifelong learning while teaching citizenship.

Knowledge and understanding (for general natural sciences - biology - physics):

A graduate student:

- knows the requirements of the biology or physics subject program of the national curriculum and the requirements of the professional standard of the elementary and secondary biology or physics teacher;
- knows how to use the main concepts of natural science and specific research methods in the teaching process;
- knows diverse and innovative strategies for learning and teaching natural sciences, realizes their strengths and weaknesses;
- knows how to assess students' learning achievements in biology or physics;
- realizes the importance of age and individual characteristics in the teaching-learning process of biology or physics;
- realizes the role and importance of extracurricular activities in the teaching of biology or physics for students' motivation, learning and multifaceted development;

Knowledge and understanding (for general foreign language teacher direction - English language; German language, Russian language):

A graduate student:

- knows the requirements of the foreign language subject program and the teacher's standard provided by the national curriculum;
- knows how foreign language teaching methods have progressed from grammar and translation-oriented lessons to intercultural teaching and knows which method to use in teaching to get effective results;
- knows the strategies and techniques of learning/teaching aspects of the language system (vocabulary, grammar, phonetics, spelling) and speech skills (listening, speaking, reading, writing) and realizes their correct use for the development of students' skills and abilities;
- knows the importance of learning the culture of the country to be studied while mastering the language;
- knows how to clearly formulate/interpret instructions for exercises and tasks taking into
 account the level of language proficiency of the target group and understands the
 importance of offering students tasks/tasks that promote the development of their
 creative skills;
- knows the correct selection of educational material for the personal, cultural and intercultural development of the student, taking into account their interests and age characteristics, at the elementary, basic and secondary levels;
- Familiar with various and specific assessment methods for outcome and student-centered learning process evaluation in foreign language classes.

• realizes the role and importance of extracurricular activities in foreign language teaching for students' motivation, learning and multifaceted development;

Knowledge and understanding (for Georgian as a second/foreign language):

A graduate student:

- knows the specifics of integrated teaching of speech skills (listening, reading, speaking, writing) and aspects of the language system (vocabulary, grammar, phonetics, spelling) when teaching Georgian as a second and/or foreign language;
- is familiar with the content of the national curriculum of Georgian as a second language and the description of levels of proficiency in Georgian as a foreign language according to the common European recommendation framework and knows what aspects should be paid attention to on the one hand when teaching Georgian as a second language and on the other hand when teaching Georgian as a foreign language and what additional materials can be developed to achieve the desired results;
- is familiar with the basic principles of teaching country studies and the problems of intercultural dialogue in the process of acquiring a second and/or foreign language;
- knows the criteria and methods of assessment and determining the goals and methods of assessment when teaching Georgian as a second and/or foreign language;

Application of knowledge in practice (common for all directions):

Graduate:

- can effectively use the knowledge of development and education theories in the learning process;
- can develop long-term and short-term educational plans taking into account the national goals of general education, the national curriculum, school priorities and students' needs;
- can take into account intra-subject and inter-subject connections when planning a lesson;
- Together with specialists, he can develop an individual curriculum for students with special educational needs;
- able to create a positive learning environment taking into account the individual, special needs of students and their cultural diversity and promote the integration of all students in the classroom;
- able to purposefully use innovative and specific learning and teaching strategies;
- is able to purposefully use student knowledge assessment methods to assess student achievement and progress;
- can draw up evaluation schemes and rubrics;
- able to identify and respond to student needs in order to improve learning outcomes;
- can effectively select strategies for raising motivation by observing the individual progress of students and taking into account their interests;
- can use appropriate strategies for classroom management and conflict resolution in the learning process;
- can find and use resources relevant to the learning objective;
- can use modern information technologies to increase the effectiveness of learning/teaching;

- Able to plan extracurricular activities based on students' interests and abilities.
- Can effectively use methods of cooperation with colleagues and parents and forms of public relations.

Application of knowledge in practice (for the direction of Georgian language and literature): Graduate:

- can determine short-term and long-term learning goals and plan relevant activities based on the Georgian language and literature subject program of the national curriculum;
- can determine such teaching-learning strategies, which are focused on the acquisition of comprehensive and thorough knowledge and development of skills among students;
- able to plan targeted activities that will contribute to the development of general language and comprehension skills in students;
- is able to plan and manage the learning process taking into account the requirements of the subject standard in such a way as to promote the purposeful and systematic development of basic speech skills (listening, speaking, reading and writing) in students;
- able to take into account the cultural diversity of students in teaching Georgian language and literature in order to promote their integration in the educational process;
- able to use the approach of integrated language teaching for the full-fledged language development of students;
- can offer such assignments/tasks to students, the solution of which will help to develop high-level thinking skills;
- can, based on the analysis of literary texts, help students develop artistic-aesthetic taste, help them to understand the general human and national values, in general, develop cultural competences;
- Can use various methods and forms of knowledge assessment while teaching Georgian language and literature

Application of knowledge in practice (for mathematics majors)

Graduate:

- can determine short-term and long-term learning goals and plan relevant activities based on the mathematics subject program of the national curriculum;
- can use mathematical models in solving problems arising from real situations;
- able to plan and lead a result- and student-oriented mathematics learning process, taking into account the physical, social, emotional, cognitive and communicative characteristics of the student;
- can use a variety of assessment methods and forms to assess student progress;
- Able to plan and implement research-based practical projects in teaching mathematics.

Application of knowledge in practice (for social sciences - history):

Graduate:

- can determine short-term and long-term learning goals and plan relevant activities based on the history subject program of the national curriculum;
- can purposefully use strategies for learning and teaching history;
- can lead research-based learning process in order to develop research skills in students;

- can use educational resources both in the process of updating and developing one's own knowledge and professional skills, as well as in the process of planning and conducting a lesson;
- able to purposefully use various methods and forms of assessment of students' knowledge when teaching history; drawing up schemes and rubrics;
- able to cooperate with teachers of social sciences and other subject groups, develop joint strategies of integrated lessons;

Application of knowledge in practice (for social sciences - geography):

Graduate:

- can take into account the geography subject program of the national curriculum when planning and conducting the educational process;
- can purposefully use diverse and specific learning and teaching strategies while teaching geography, taking into account the age characteristics of students;
- can use such teaching strategies and methods in teaching geography, which will contribute to the development of piercing competencies defined by the national curriculum in students;
- can purposefully use a variety of assessment methods and forms to assess student progress in teaching geography;
- able to plan and conduct integrated lessons through collaboration with colleagues;
- Can take into account students' interests, take care of safety, take risks into account during extracurricular work.

Application of knowledge in practice (for social sciences - civic education):

Graduate:

- can determine short-term and long-term educational goals and plan relevant activities based on the subject program of civic education of the national curriculum;
- can purposefully use democratic citizenship learning and teaching strategies;
- can build and implement a practical training program of democratic citizenship based on interdisciplinary approaches;
- able to find and use modern, diverse learning resources related to citizenship;
- able to purposefully use diverse methods and forms of assessment of students' knowledge in teaching democratic citizenship; drawing up schemes and rubrics;
- can promote the development of practical experience of democratic citizenship for students;

Application of knowledge in practice (for general natural sciences - biology; physics):

Graduate:

- can purposefully use learning and teaching strategies of natural sciences biology or physics;
- is able to plan and conduct a research-based learning process in order to develop research skills among students, taking into account the requirements of the national curriculum;
- able to use a variety of specific assessment methods in a targeted manner to assess student achievement and progress in teaching biology or physics;

- can use modern information technologies to increase the effectiveness of learning/teaching;
- can cooperate with teachers of science subjects and other subject groups, develop joint strategies of integrated lessons;
- Can take into account different types of risks, observe safety rules when planning practical lessons of biology or physics.

Application of knowledge in practice (for common foreign languages - English language; German language, Russian language):

Graduate:

- can determine short-term and long-term learning goals and plan relevant activities based on the foreign language subject program of the national curriculum;
- can purposefully use strategies for learning and teaching language tools and speaking skills;
- able to direct the learning process in such a way as to allow students to draw parallels between foreign and native socio-cultural worlds; identify and analyze similarities and differences;
- able to purposefully use diverse methods and forms of assessment of students' knowledge in foreign language teaching; drawing up schemes and rubrics;
- can use media resources (including multimedia material, etc.) in order to increase the effectiveness of learning/teaching in the foreign language process;
- Able to include different types of assignments and projects in the learning process in order to increase autonomy among students, taking into account their interests and abilities.

Application of knowledge in practice (for Georgian as a second/foreign language): Graduate:

- able to teach speaking skills and aspects of the language system with modern methods, taking into account the national curriculum developed for Georgian as a second language and also taking into account the common European framework of language proficiency levels according to the existing standard for Georgian as a foreign language;
- can develop separate additional materials for the proper development of speaking skills and aspects of the language system in students based on the national curriculum and the description of the levels of Georgian as a foreign language;
- can develop his own additional tasks in order to properly teach the language learners the culture of Georgia and its peculiarities;
- can use the acquired theoretical knowledge to develop an evaluation system for Georgian as a second or foreign language lesson/course;
- can draw up evaluation tools based on the national curriculum and the description of the levels of Georgian as a foreign language and effectively assess the student's level of language proficiency in accordance with modern requirements;
- Able to plan and lead a student- and result-oriented lesson based on modern methods using appropriate didactic methods.

Ability to draw conclusions (common to all areas)

Graduate:

- can perform a complex, coherent and critical analysis of his own practice;
- Based on the assessment of his own pedagogical practice, he can comprehensively analyze the effectiveness of his own practice, draw appropriate conclusions and develop an individual professional development plan.
- Individually and/or together with colleagues can identify problems in the context of professional situations, analyze them, predict expected results and determine effective ways to solve them;

Learning ability (common to all courses)

Graduate student:

- is focused on assimilation of innovations in different ways and their implementation in practice;
- Has the ability to find, absorb and use new knowledge for his own professional development.
- is aware of the importance of continuous professional development for the teaching profession;
- can plan professional development based on identification of own strengths and weaknesses;

Communication skills (common to all majors)

Graduate:

- can effectively communicate with students, their parents (other legal representatives), colleagues in writing and orally;
- able to maintain academic standards in communication;
- Can effectively use modern information technologies in communication.

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Values (common to all destinations)

Graduate:

- realizes the importance of the teacher's profession;
- The student as a person is important to him.
- realizes the importance of professional development and the need to engage in continuous education;
- Realizes the importance of inclusive education for creating a positive learning environment;
- realizes the importance of mutual sharing of experience with colleagues;
- realizes and shares with students the importance of a healthy lifestyle;
- Realizes the importance of the rules of professional ethics and follows them.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good

- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact person:

Sopiko Lobjanidze sopiko_lobjanidze@iliauni.edu.ge

Coordinator:

Name of the certificate program: Educational program for the preparation of general education elementary level teachers (Georgian language and literature, mathematics, natural science - I-IV grades)

Program length: 1 year (60 credits)

Purpose of the program:

The purpose of the program is to prepare a teacher of the elementary level (I-IV grades) of Georgian language and literature, mathematics and natural science, who has the theoretical knowledge, practical skills and values relevant for successful professional activity and can respond to the modern demands placed on the teacher. The objectives and learning outcomes of the program are consistent with the sectoral characteristics of the teacher training educational program.

Learning outcomes:

For the graduate of the program:

- Can develop long-term and short-term curricula, including individual curriculum, taking into account the national goals of general education, national curriculum, school priorities, student needs and principles of sustainable development in Georgian language and literature, mathematics and natural science at the primary level (grades I-IV), conducting and evaluating the educational process based on them;
- Has the ability to develop basic academic skills (literacy, mathematical literacy, environmental literacy, information literacy) in elementary school students.
- knows the basic theories of personality, development and education and can effectively use this knowledge to create a safe, free and motivating learning environment conducive to the physical, social-emotional and cognitive development of each student, including special education students;
- Able to perform a complex, coherent and critical analysis of one's own practice based on self-assessment, feedback received from colleagues, management, students, parents and analysis of students' needs identifying strengths and weaknesses and planning appropriate measures for professional development.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact person:

Sopiko Lobjanidze sopiko_lobjanidze@iliauni.edu.ge

Coordinator:

Name of the certificate program: Educational program for the preparation of teachers of elementary, basic and secondary levels of general education (music)

Program length: 1 year (60 credits)

Purpose of the program:

The aim of the program is to prepare a music teacher (primary, basic and secondary level) who has the theoretical knowledge, practical skills and values relevant to successful professional activity and can respond to the modern demands placed on the teacher. The objectives and learning outcomes of the program are consistent with the sectoral characteristics of the teacher training educational program.

Learning outcomes:

For the graduate of the program:

- can develop long-term and short-term training plans, including individual training plans, taking into account the national goals of general education in music at the primary, basic and secondary levels, the national curriculum, school priorities, the needs of students and the principles of sustainable development, and based on them, conduct and evaluate the training process;
- Has the ability to develop students' piercing skills and values necessary for aesthetic education (creativity, ability to analyze and interpret).
- Able to use information technologies when teaching aesthetic block subjects.
- knows the basic theories of personality, development and education and can effectively use this knowledge to create a safe, free and motivating learning environment conducive to the physical, social-emotional and cognitive development of each student, including special education students;
- Able to perform a complex, consistent and critical analysis of one's own practice based on self-assessment, feedback received from colleagues, management, students, parents, and analysis of students' needs identifying strengths and weaknesses and planning appropriate measures for professional development.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact person:

Sopiko Lobjanidze sopiko_lobjanidze@iliauni.edu.ge

Coordinator:

Name of the certificate program: Educational program for the preparation of teachers of primary, basic and secondary levels of general education (fine and applied arts)

Program length: 1 year (60 credits)

Purpose of the program:

The purpose of the program is to prepare a teacher of fine and applied arts (primary, basic and secondary level), who has the theoretical knowledge, practical skills and values relevant to successful professional activity and can respond to the modern demands placed on the teacher. The objectives and learning outcomes of the program are consistent with the sectoral characteristics of the teacher training educational program.

Learning outcomes:

- Can develop long-term and short-term curricula, including individual curriculum, taking into account the national goals of general education in fine and applied arts at primary, basic and secondary levels, national curriculum, school priorities, student needs and principles of sustainable development, and conduct the educational process based on them and assessment;
- Has the ability to develop students' piercing skills and values necessary for aesthetic education (creativity, ability to analyze and interpret).
- Able to use information technologies when teaching aesthetic block subjects.
- knows the basic theories of personality, development and education and can effectively use this knowledge to create a safe, free and motivating learning environment conducive to the physical, social-emotional and cognitive development of each student, including special education students;
- Able to perform a complex, coherent and critical analysis of one's own practice based on self-assessment, feedback received from colleagues, management, students, parents and analysis of students' needs identifying strengths and weaknesses and planning appropriate measures for professional development.

Assessment System:

Student assessment is be based on a 100-point grading scale:

- (A) 91-100 Excellent
- (B) 81-90 Very Good
- (C) 71-80 Good
- (D) 61-70 Satisfactory
- (E) 51-60 Sufficient
- (FX) 41-50 Unsatisfactory meaning a student needs more effort to pass an examination and is given an extra chance to pass an additional examination through independent work.
- (F) Failure 40 and less of the maximum of grades, meaning the student's effort is not enough and he has to learn the subject anew.

Contact person:

Sopiko Lobjanidze sopiko_lobjanidze@iliauni.edu.ge

Coordinator: