

Catalogue of Higher Education Programmes

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Brief History

“Alte University” (hereinafter referred to as the University) is an authorized (institutionally evaluated) higher educational institution with 23 years of experience and history in the Georgian education area.

Following schools are operating at the university: School of Business, International School of Medicine, School of Law and Social Sciences, School of Information Technologies.

| Level of implementation of educational programmes | Number of educational programmes |
|---|----------------------------------|
| Bachelor | 10 |
| Master | 3 |
| One-Cycle | 3 |
| Total | 16 |

Bachelor's Degree Programmes
School of Law and Social Sciences

Law

Level of Higher Education - Level I

Qualification to be Awarded – Bachelor of Law

Language of Instruction – Georgian

Number of ECTS credits - 240 ECTS

Programme Prerequisites:

Positive results of the Unified National Exams - for a citizen of Georgia with a complete general or equivalent education.

Without passing the Unified National Exams, based on the legislation of Georgia (see <https://mes.gov.ge/content.php?id=6772&lang=geo>) - for a citizen of Georgia with a complete general or equivalent education.

A bachelor's student who enrolls in the program as a transfer from another university or through internal mobility has the right to study in the program, in accordance with the legislation of Georgia and the regulations of the university.

| Programme Objectives | |
|--|--|
| For the student to acquire a broad knowledge of the main features of the national legal system, legal theories, institutions, substantive and procedural law norms, basic legal principles, and values in public, criminal, and private law. | |
| Formation of the ability to use the knowledge gained in the field of law in practical activities. | |
| Carrying out practical activities responsibly and with a high degree of independence, taking into account legal principles and values. | |
| Training a Bachelor of Law corresponding to the standards of the first level of higher education and the labor market, whose qualification ensures his/her competitiveness in the employment market. | |
| Creating a solid foundation for the student to master higher level academic programs better. | |

| Structure of Educational Programme | |
|---|----------|
| Mandatory courses | 175 ECTS |
| Elective courses | 65 ECTS |

| | |
|--------------------------------------|-----------------|
| Supplementary programme ¹ | - |
| Total | 240 ECTS |

| | |
|---|--|
| Programme Learning Outcomes | |
| <u>Knowledge and understanding</u> | |
| Defines and critically understands the essence and system of law, relevant theories, and methods, sources (including historical sources of Georgian law), peculiarities of legal systems, main institutions of public, criminal, and private law, material and procedural norms, principles, the ratio of national and international law. | |
| Describes legal mechanisms for the protection of rights, types of proceedings, and measures of responsibility. | |
| <u>Skill</u> | |
| Identifies a legal problem and solves it by analyzing relevant legal norms and developing strategy and tactics, both individually and as a team. | |
| Draws up documents of legal content taking into account the established standards, and participates in the litigation process. | |
| Based on logical reasoning and analysis, formulates a legally justified and ethical position and conclusion, purposefully conveying it orally and in writing, using appropriate communication technologies, in Georgian and English languages. | |
| In order to solve complex and unforeseen problems, he/she searches for and analyzes legally important information from various sources and develops a thesis. | |
| <u>Responsibility and autonomy</u> | |
| Develops own knowledge based on court practice, legal changes, and scientific novelties. | |
| Observes the scope of professional ethics, human rights, and acts in consideration of legal values. | |

Fields of employment

A graduate of the Bachelor of Law educational program will have the opportunity to work in any position that does not require an academic degree of Master of Laws. Graduates will be able to carry out professional activities in both private and public institutions.

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/samartali-2>

| № | Course Title | Prerequisite | Credit | Hour | Distribution of Hours | | | | | | | Study Semester | | | | | | | | |
|--|---|--------------|--------|------|-----------------------|------------|----------------|--------------|--------------------------|------------|-----------------------|----------------|---|----|-----|----|---|----|-----|------|
| | | | | | Contact Hours | | | | | | | Indepe | I | II | III | IV | V | VI | VII | VIII |
| | | | | | Lecture | Group Work | Practical Work | Midterm Exam | Paper/Presentation/Other | Final Exam | Contact Hours (Total) | | | | | | | | | |
| 1. University Mandatory Courses (25 ECTS) | | | | | | | | | | | | | | | | | | | | |
| 1 | English Language 1 | - | 5 | 125 | | 39 | | 3 | | 3 | 45 | 80 | X | | | | | | | |
| 2 | English Language 2 | 1.1 | 5 | 125 | | 39 | | 3 | | 3 | 45 | 80 | | X | | | | | | |
| 3 | English Language 3 | 1.2 | 5 | 125 | | 39 | | 3 | | 3 | 45 | 80 | | | X | | | | | |
| 4 | English Language 4 | 1.3 | 5 | 125 | | 39 | | 3 | | 3 | 45 | 80 | | | | X | | | | |
| 5 | State Language and Academic Writing (Integrated Course) | - | 5 | 125 | 13 | 26 | | 2 | 3 | 3 | 44 | 81 | X | | | | | | | |
| 2. ძირითადი სწავლის სფეროს სავალდებულო სასწავლო კურსები (150 კრ.) | | | | | | | | | | | | | | | | | | | | |

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|----|---|-----|---|-----|----|----|--|---|---|---|----|-----|---|---|---|---|--|--|--|
| 1 | Introduction to Jurisprudence | - | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | X | | | | | | |
| 2 | Georgian Legal History | - | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | X | | | | | | |
| 3 | Introduction to Civil Law | - | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | X | | | | | | |
| 4 | Constitutional (State Organization) Law | - | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | X | | | | | |
| 5 | Law of Obligations (General Part) | 2.3 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | X | | | | | |
| 6 | Family and Inheritance Law | 2.3 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | X | | | | | |
| 7 | General Part of Criminal Law 1 | | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | X | | | | | |
| 8 | Fundamental human rights and freedoms | 2.4 | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | | X | | | | |
| 9 | General Administrative Law | 2.4 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | X | | | | |
| 10 | Property Law | 2.3 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | X | | | | |
| 11 | Statutory Obligational Relations | 2.5 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | X | | | | |
| 12 | General Part of Criminal Law 2 | 2.7 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | X | | | | |
| 13 | Constitutional Litigation | 2.8 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | | X | | | |
| 14 | Public International Law | 2.8 | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | | | X | | | |

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|----|--|------|---|-----|----|----|---|---|---|---|----|-----|--|--|--|---|---|---|---|
| 15 | Contract Law | 2.5 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | | X | | | |
| 16 | Criminal Law – Special Part 1 (Crimes Against the Person) | 2.12 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | | X | | | |
| 17 | Labour Law | 2.15 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | | | X | | |
| 18 | Civil Procedure Law of Georgia 1 | 2.15 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | | | X | | |
| 19 | Criminal Law – Special Part 2 (Economic and Other Crimes) | 2.12 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | | | X | | |
| 20 | Corporate Law | 2.15 | 5 | 125 | 26 | 13 | | 2 | | 2 | 43 | 82 | | | | | | X | |
| 21 | Civil Procedure Law of Georgia 2 | 2.18 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | | | | X | |
| 22 | Criminal Procedure (General Part) | 2.19 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | | | | X | |
| 23 | Administrative Law Procedure | 2.21 | 5 | 125 | 26 | 13 | | 2 | | 2 | 43 | 82 | | | | | | | X |
| 24 | Criminal Procedure (Special Part) | 2.22 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | | | | | X |
| 25 | Procedural Skills in Civil Law (Practical Course) | 2.21 | 6 | 150 | 12 | 24 | 9 | | | 4 | 49 | 101 | | | | | | | X |
| 26 | Procedural Skills in Criminal Law (Practical Course) | 2.23 | 6 | 150 | 12 | 24 | 9 | | | 4 | 49 | 101 | | | | | | | X |

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|----|--|------|---|-----|----|----|---|---|---|---|----|-----|--|--|--|--|---|---|--|---|
| 27 | Procedural Skills in Criminal Law (Practical Course) | 2.24 | 6 | 150 | 12 | 24 | 9 | | | 4 | 49 | 101 | | | | | | | | X |
| 28 | Legal English 1 | 1.4 | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | | | X | | | |
| 29 | Legal English 2 | 1.5 | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | | | | X | | |

3. Elective Courses of the Main Field (55 ECTS)

| A. Public Law | | | | | | | | | | | | | | | | | | | | |
|---------------|------------------------------------|------|---|-----|----|----|--|---|---|---|----|----|--|--|---|---|---|---|---|---|
| 1 | Legislative Technique | 2.4 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | X | X | X | X | X | X |
| 2 | Municipal Law | 2.9 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | X | X | X | X | X |
| 3 | Electoral Law | 2.9 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | X | X | X | X | X |
| 4 | Administrative Service Law | 2.9 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | X | X | X | X | X |
| 5 | Personal Data Protection Law | 2.9 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | X | X | X | X | X |
| 6 | Enforcement Law | 2.9 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | X | X | X | X | X |
| 7 | Foundations of Tax Law | 2.9 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | X | X | X | X | X |
| 8 | International Human Rights Law | 2.14 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 9 | Law of International Organizations | 2.14 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 10 | Foundations of EU Law | 2.14 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |

| | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|------|---|-----|----|----|--|---|---|---|----|----|--|---|---|---|---|---|---|---|
| 11 | Legal Writing | 1.7 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | X | X | X | X | X |
| 12 | Professional Ethics | - | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | | | X | X |
| B. Private Law | | | | | | | | | | | | | | | | | | | | |
| 13 | Foundations of Roman Law | - | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | X | X | X | X | X | X | X |
| 14 | Intellectual Property Law | 2.3 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | X | X | X | X | X |
| 15 | Consumer Law | 2.3 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | X | X | X | X | X |
| 16 | Insurance Law | 2.15 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 17 | Foundations of Private International Law | 2.15 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 18 | Notarial Law | 2.15 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 19 | Contract Drafting Methodology | 2.15 | 5 | 125 | 13 | 13 | | 2 | | 2 | 30 | 95 | | | | | X | X | X | X |
| 20 | Case-Solving Methodology in Civil Law | 2.15 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 21 | Mediation | - | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | X | X | X | X | X |
| 22 | Internet Law | 2.15 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | | X | X | X |
| 23 | Legal Regulation of Smart Contracts | 2.15 | 5 | 125 | 13 | 13 | | 2 | | 2 | 30 | 95 | | | | | X | X | X | X |

| | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|------|---|-----|----|----|--|---|---|---|----|----|--|--|--|--|---|---|---|---|
| 24 | Consumer Rights in Telecommunications Law | 2.15 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 25 | Modern Technologies and Labour Law | 2.17 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | | X | X | X |
| 26 | Banking Law | 2.15 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | | X | X | X |
| C. Criminal Law | | | | | | | | | | | | | | | | | | | | |
| 27 | Foundations of International Criminal Law | 2.12 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 28 | Case-Solving Methodology in Criminal Law | 2.12 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 29 | Criminology | 2.12 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 30 | Penitentiary Law | 2.12 | 4 | 100 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 31 | Law of Evidence | 2.12 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | X | X | X | X |
| 32 | Juvenile Justice | 2.12 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | | X | X | X |
| 33 | Criminal Procedural Guarantees In The Practice of European and Constitutional courts | 2.19 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | | | | X |
| 34 | Drafting Procedural Documents in Criminal Procedure | 2.22 | 5 | 125 | 13 | 13 | | 2 | 2 | 2 | 32 | 93 | | | | | | | | X |

Free Elective Courses (10 ECTS)

| | | | | | | | | | | | | |
|-----------------------|--|----|-----|--|------------|---|---|---|---|---|---|---|
| Free Elective Course | | 10 | 125 | | X | X | X | X | X | X | X | X |
| Total Credits: | | | | | 240 | | | | | | | |

Note: The student can independently form an individual profile (program) taking into account both the specifics of the elective components and his/her future career interests and, subject to the prerequisites, choose any elective course of his/her choice (with a volume of 55 credits) from the main field in the relevant semesters. Within the framework of the elective courses of the free component, the student must take at least 10 credits of the courses provided for in any bachelor's program operating at the university, subject to the relevant prerequisites.

School of Law and Social Sciences

Psychology

Level of Higher Education - Level I

Qualification to be Awarded – Bachelor of Psychology

Language of Instruction – Georgian

Number of ECTS credits - 240 ECTS

Programme Prerequisites:

Positive results of the Unified National Exams - for a citizen of Georgia with a complete general or equivalent education;

Without passing the Unified National Exams, based on the legislation of Georgia (see - <https://mes.gov.ge/content.php?id=6772&lang=geo>) - for a citizen of Georgia with a complete general or equivalent education.

A bachelor's student who enrolls in the program as a transfer from another university or through internal mobility has the right to study in the program, in accordance with the legislation of Georgia and the regulations of the university.

| Programme Objectives | |
|---|--|
| Equip students with fundamental theoretical knowledge in the core disciplines of psychology and its components, fostering the development of relevant skills. | |
| Prepare psychology bachelor's specialists to meet the standards of first-level education and the Georgian labor market, ensuring their competitiveness in employment. | |
| Develop students' ability to effectively apply psychological knowledge in practical settings and cultivate skills essential for specialized roles. | |
| Establish a robust foundation to facilitate students' progression into higher-level academic programs. | |

| Structure of Educational Programme | |
|--------------------------------------|-----------------|
| Mandatory courses | 195 ECTS |
| Elective courses | 45 ECTS |
| Supplementary programme ¹ | - |
| Total | 240 ECTS |

| Programme Learning Outcomes |
|--|
| <u>Knowledge and understanding</u> |
| Demonstrate a critical understanding of theoretical approaches, basic concepts, and issues in the field of psychology, and apply these constructs within appropriate contexts. |
| Articulate the social significance of the psychologist's profession, including its goals and core functions. |
| <u>Skill</u> |
| Employ logical, creative, and analytical thinking, along with other cognitive skills specific to psychology, to address complex issues and unforeseen challenges in the field. |
| Utilize a variety of research methods in psychology, including established and contemporary approaches, to conduct research and produce scholarly papers following predefined guidelines. |
| Exercise ethical responsibility in interactions with the social environment, during psychological counseling, providing recommendations, and throughout research endeavors. |
| Investigate specific cases, observe behavior, classify and analyze data, develop professional insights into problems, and predict outcomes. |
| Engage with relevant scientific literature in psychology, identify key findings, and analyze them within the context of specific research issues. |
| Formulate informed opinions on psychological issues, consistently and persuasively addressing challenges both to specialists and non-specialists through oral and written communication, utilizing modern information and communication technologies creatively. |
| Establish effective communication in English using professional terminology. |
| Employ logical, creative, and analytical thinking, along with other cognitive skills specific to psychology, to address complex issues and unforeseen challenges in the field. |

| Fields of employment |
|---|
| Graduates of the undergraduate psychology program will be equipped to pursue professional roles in both private and public sectors. They can find employment in various fields such as education, healthcare, management, manufacturing, business, and social services. Potential workplaces include research institutions, public opinion research centers, training facilities, |

hospitals, clinics, rehabilitation centers, counseling services, schools, kindergartens, advertising and PR agencies, diagnostic centers, and private practice.

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/fsiqologia-2>

| № | Name of the component | Prerequisite | Credits | Hours | Distribution of hours | | | | | | | Academic semester | | | | | | | | | | | | |
|--|----------------------------------|--------------|---------|-------|-----------------------|------------|-----------------|---------------|-----------------------------|------------|-----------------------|------------------------|---|----|-----|----|---|----|-----|------|----|---|----|-----|
| | | | | | Contact hours | | | | | | | Independent work hours | I | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
| | | | | | Lectures | Group Work | Practical Study | Mid-term exam | Abstract/presentation/other | Final exam | Contact Hours (Total) | | | | | | | | | | | | | |
| Core Study Area Courses | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandatory courses (145 credits) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Basics of Psychology 1 | | 4 | 100 | 13 | 26 | | 2 | 3 | 2 | 46 | 54 | X | | | | | | | | | | | |
| 2 | Basics of Psychology 2 | 1 | 4 | 100 | 13 | 26 | | 2 | 3 | 2 | 46 | 54 | | X | | | | | | | | | | |
| 3 | Developmental Psychology | | 10 | 250 | 26 | 39 | | 2 | 5 | 3 | 75 | 175 | | X | | | | | | | | | | |
| 4 | Social Psychology | 1 | 10 | 250 | 26 | 39 | | 2 | | 2 | 69 | 181 | | X | | | | | | | | | | |
| 5 | Research Methods in Psychology 1 | 2 | 5 | 125 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | X | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------|------------|----|-----|----|----|----|---|---|---|-----|-----|--|--|--|--|--|---|---|---|--|--|--|--|
| 19 | Experimental Psychology | 2, 9, 14 | 5 | 125 | 12 | 28 | | 1 | 3 | 2 | 46 | 79 | | | | | | X | | | | | | |
| 20 | Basics of Psychodiagnosis | 2 | 5 | 125 | 13 | 13 | 13 | 2 | 4 | 3 | 47 | 78 | | | | | | X | | | | | | |
| 21 | Conflict Management Pshychology | | 5 | 125 | 19 | 13 | 7 | 1 | 4 | 6 | 50 | 75 | | | | | | | X | | | | | |
| 22 | Bachelor Thesis | 1-21;47-56 | 10 | 250 | | | | | | | 49 | 201 | | | | | | | | X | | | | |
| 23 | Practical Study | 1-21;47-56 | 10 | 250 | | | | | | | 245 | 5 | | | | | | | | X | | | | |
| Elective Courses (25-35 credits) | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | History of Psychology | | 5 | 125 | 13 | 26 | | 2 | 4 | 3 | 48 | 77 | | | | | | X | | | | | | |
| 25 | Gender Psychology | 2 | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | | | | | X | | | | | |
| 26 | Legal Psychology | 4 | 5 | 125 | 13 | 26 | | 1 | 3 | 2 | 45 | 80 | | | | | | | X | | | | | |
| 27 | Mass Psychology | 4 | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | | | | X | | | | | | |
| 28 | Human Resources Management | | 5 | 125 | 13 | 26 | | 1 | | 2 | 42 | 83 | | | | | | X | | | | | | |
| 29 | Basics of Clinical Psychiatry | | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | | | | | X | | | | | |
| 30 | Basics of Clinical Psychology | 16 | 5 | 125 | 13 | 26 | | 2 | 3 | 4 | 48 | 77 | | | | | | | X | | | | | |
| 31 | Psychology of Art | | 5 | 125 | 13 | 26 | | 2 | 4 | 3 | 48 | 77 | | | | | | | | X | | | | |
| 32 | Positive Psychology | 2 | 5 | 125 | 13 | 26 | | 1 | 4 | 3 | 47 | 78 | | | | | | | | X | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--|-------|---|-----|----|----|--|---|---|---|----|----|--|--|--|--|--|--|---|---|--|--|--|
| 33 | Business Psychology | | 5 | 125 | 13 | 26 | | 1 | 3 | 2 | 45 | 80 | | | | | | | X | | | | |
| 34 | Social Influence | 4 | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | | | | | X | | | | |
| 35 | Advertising Psychology | 4 | 5 | 125 | 13 | 26 | | 1 | 3 | 2 | 45 | 80 | | | | | | | X | | | | |
| 36 | Cross-Cultural Psychology | 2, 4 | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 47 | 78 | | | | | | | X | | | | |
| 37 | Inclusive Education and Psychology | 3, 11 | 5 | 125 | 13 | 26 | | 1 | 5 | 2 | 47 | 78 | | | | | | | X | | | | |
| 38 | Criminal Behavior and Investigative Interviewing | | 5 | 125 | 9 | 30 | | 1 | 3 | 2 | 45 | 80 | | | | | | | X | | | | |
| 39 | The Psychology of Success | | 5 | 125 | 13 | 26 | | 1 | | 2 | 42 | 83 | | | | | | | X | | | | |
| 40 | Military Psychology | 2 | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | | | | | X | | | | |
| 41 | Psychosomatic Medicine | 2 | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | | | | | X | | | | |
| 42 | Sport Psychology | 2 | 5 | 125 | 13 | 26 | | 1 | 5 | 2 | 47 | 78 | | | | | | | X | | | | |
| 43 | Gestalt Therapy - The Basics | | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | | | | | | X | | | |
| 44 | Psychology of Leadership | | 5 | 125 | 13 | 26 | | 1 | 3 | 2 | 46 | 79 | | | | | | | | X | | | |
| 45 | Political Psychology | | 5 | 125 | 13 | 26 | | 1 | 6 | 3 | 49 | 76 | | | | | | | | X | | | |
| 46 | Environmental Psychology | 4 | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | | | | | | X | | | |

Free Component Courses

Mandatory courses (50 credits.)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----|---|-----|----|----|----|---|---|---|----|----|---|---|---|---|---|---|---|---|--|--|--|--|--|--|
| 47 | English Language 1 | | 5 | 125 | | | 52 | 2 | 3 | 4 | 61 | 64 | X | | | | | | | | | | | | | |
| 48 | English Language 2 | | 5 | 125 | | | 52 | 2 | 3 | 4 | 61 | 64 | | X | | | | | | | | | | | | |
| 49 | English Language 3 | | 5 | 125 | | | 52 | 2 | 3 | 4 | 61 | 64 | | | X | | | | | | | | | | | |
| 50 | English Language 4 | | 5 | 125 | | | 52 | 2 | 3 | 4 | 61 | 64 | | | | X | | | | | | | | | | |
| 51 | Professional English for Psychologists 1 | | 5 | 125 | | | 52 | 2 | 4 | 2 | 60 | 65 | | | | | X | | | | | | | | | |
| 52 | Professional English for Psychologists 2 | | 5 | 125 | | | 52 | 2 | 4 | 2 | 60 | 65 | | | | | | X | | | | | | | | |
| 53 | Information technologies | | 5 | 125 | 13 | | 26 | 2 | | 2 | 43 | 82 | X | | | | | | | | | | | | | |
| 54 | State language and academic writing | | 5 | 125 | 13 | 13 | | 2 | 4 | | 32 | 83 | X | | | | | | | | | | | | | |
| 55 | Foundations of Philosophy | | 5 | 125 | 14 | 26 | | 2 | | 2 | 44 | 81 | X | | | | | | | | | | | | | |
| 56 | Basics of Sociology | | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | X | | | | | | | | | | | | |
| Elective courses (10-20 credits) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | French Language 1 | | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | | | | | X | | | | | | | | | |
| 58 | French Language 2 | 57 | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | | | | | | X | | | | | | | | |
| 59 | French Language 3 | 58 | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | | | | | | | X | | | | | | | |
| 60 | French Language 4 | 59 | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | | | | | | | | X | | | | | | |

Note:

- 1. Within the framework of the Free Elective Component courses, a student may choose courses either defined by the present program or offered by any other undergraduate program at the University, subject to meeting the relevant prerequisites.**
- 2. A student may choose one of the four offered second foreign languages, without the right to subsequently replace it with another second foreign language.**

School of Law and Social Sciences

International Relations

Level of Higher Education - Level I

Qualification to be Awarded – Bachelor of International Relations

Language of Instruction – Georgian

Number of ECTS credits - 240 ECTS

Programme Prerequisites:

Positive results of the Unified National Exams - for a citizen of Georgia with a complete general or equivalent education.

Without passing the Unified National Exams, based on the legislation of Georgia (see <https://mes.gov.ge/content.php?id=6772&lang=geo>) - for a citizen of Georgia with a complete general or equivalent education.

A bachelor's student who enrolls in the program as a transfer from another university or through internal mobility has the right to study in the program, in accordance with the legislation of Georgia and the regulations of the university.

| Programme Objectives | |
|--|--|
| Broad theoretical knowledge of the system of International Relations and global politics | |
| In-depth knowledge of the main directions of the field of International Relations | |
| Skills necessary for studying important issues in the field of International Relations and solving professional tasks | |
| Ability to act in accordance with democratic values and principles of good governance in practical activities | |
| Ability to analyze problematic issues and to establish professional communication in connection with the above mentioned | |

| Structure of Educational Program | |
|--------------------------------------|----------|
| Mandatory courses | 193 ECTS |
| Elective courses | 47 ECTS |
| Supplementary programme ¹ | - |

| | |
|--------------|----------|
| Total | 240 ECTS |
|--------------|----------|

Programme Learning Outcomes

Knowledge and understanding

Describes the architecture and main subjects of the international relations system, discusses the main theories and concepts of international relations, principles, regional contexts of international relations and the international situation of Georgia.

Based on the main achievements of national and international scientific thinking, it classifies and defines issues related to global politics;

Skill

Critically understands and explains the importance of international economic relations, international security and international legal order in the system of international relations;

Based on open source research, using various methods, analyzes and evaluates important issues in the field of international relations and governance;

Taking into account the principles of ethics, humanity and democratic governance, basic human rights and freedoms, formulates and justifies his/her own position regarding the complex issues of the field;

Establishes effective communication with target groups in Georgian and English languages, using traditional and modern means of communication, regarding issues in the field of International Relations.

Fields of employment

A graduate of the International Relations undergraduate educational programme will be able to carry out professional activities in both private and public, non-governmental and governmental institutions, in a position corresponding to his/her qualifications.
The graduate of the programme will be able to use the acquired knowledge and be employed in related fields.

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/saertashoriso-urtiertobebi>

| # | Name of the Study Component | Prerequisite | Credit | Hour | Distribution of Hours | | | | | | | | Academic Semester | | | | | | | | |
|---|---|--------------|--------|---------|-----------------------|--------------------|--------------------|---------------|------------------------------|------------|---------------------------|----|-------------------|------|-----|----|-----|------|-------|-----------------------|--|
| | | | | | Contact Hours | | | | | | Hours of Independent Work | I | II | II I | I V | V | V I | VI I | VII I | | |
| | | | | | Lecture | Working in a Group | Practical Training | Mid-term exam | Abstract/Presentation /Other | Final Exam | | | | | | | | | | Contact Hours (Total) | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | # | 17 | 18 | # | 20 | 21 | |
| 1. Mandatory Components (193) | | | | | | | | | | | | | | | | | | | | | |
| 1.1. Free Study Courses (49 ECTS credits.) | | | | | | | | | | | | | | | | | | | | | |
| 1 | Information Technologies | - | 5 | 12 5 | 13 | | 26 | 1 | 3 | 2 | 45 | 80 | x | | | | | | | | |
| 2 | Academic Writing | - | 5 | 12 5 | 13 | 26 | | 1 | 4 | 2 | 46 | 79 | x | | | | | | | | |
| 3 | English language 1 | - | 5 | 12 5 | | | 52 | 1 | 3 | 4 | 60 | 65 | x | | | | | | | | |
| 4 | English language 2 | 3 | 5 | 12 5 | | | 52 | 1 | 3 | 4 | 60 | 65 | | x | | | | | | | |
| 5 | Research Methods | | 5 | 12 5 | 13 | 13 | 26 | 2 | 4 | 2 | 34 | 91 | | x | | | | | | | |
| 6 | English language 3 | 4 | 5 | 12 5 | | | 52 | 1 | 3 | 4 | 60 | 65 | | | x | | | | | | |
| 7 | Principles of Economics | - | 4 | 10 0 | 13 | 13 | | 2 | 3 | 2 | 33 | 67 | | | x | | | | | | |
| 8 | English language 4 | 5 | 5 | 12 5 | | | 52 | 1 | 3 | 4 | 60 | 65 | | | | x | | | | | |
| 9 | English Language for International Relations 1 (English Language 5) | 8 | 5 | 12 5 | | | 52 | 1 | 4 | 3 | 60 | 65 | | | | | x | | | | |
| 10 | English Language for International Relations 2 (English Language 6) | 9 | 5 | 12 5 | | | 52 | 1 | 4 | 3 | 60 | 65 | | | | | | | x | | |

| 1.2. Study Courses/Components of the Main Field of Study (144 ECTS credits) | | | | | | | | | | | | | | | | | |
|---|--|--------|---|----|----|----|--|---|---|---|----|----|---|---|---|---|--|
| 1 | | | | 12 | | | | | | | | | | | | | |
| 1 | Introduction to Political Science | _ | 5 | 5 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | x | | | | |
| 1 | International Relations: Theories, | | | 12 | | | | | | | | | | | | | |
| 2 | Concepts, Discussions | _ | 5 | 5 | 26 | 13 | | 2 | 5 | 2 | 48 | 77 | x | | | | |
| 1 | International Politics After 1914: War | | | 12 | | | | | | | | | | | | | |
| 3 | and Peace | 3 | 5 | 5 | 26 | 13 | | 3 | 4 | 3 | 49 | 76 | | x | | | |
| 1 | Foundations of Public Administration | | | 10 | | | | | | | | | | | | | |
| 4 | and Modern Development Trends | _ | 4 | 0 | 13 | 26 | | 2 | | 2 | 43 | 57 | | x | | | |
| 1 | Multilateral world - international | | | 15 | | | | | | | | | | | | | |
| 5 | organizations | _ | 6 | 0 | 26 | 26 | | 3 | 4 | 3 | 62 | 98 | | x | | | |
| 1 | International Public Law | | | 12 | | | | | | | | | | | | | |
| 6 | | _ | 5 | 5 | 26 | 13 | | 2 | 3 | 3 | 47 | 78 | | | x | | |
| 1 | NATO - political and security | | | 15 | | | | | | | | | | | | | |
| 7 | dimensions of the Euro-Atlantic space | _ | 6 | 0 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | x | | |
| 1 | European Integration | 4 | 5 | 5 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | x | | |
| 1 | Strategic Aspects of International | | | 12 | | | | | | | | | | | | | |
| 9 | Relations | 6,13 | 5 | 5 | 26 | 13 | | 3 | 4 | 3 | 49 | 76 | | | x | | |
| 2 | US Foreign Policy | | | 15 | | | | | | | | | | | | | |
| 0 | | _ | 6 | 0 | 26 | 26 | | 2 | 4 | 2 | 60 | 90 | | | x | | |
| 2 | European Party Politics | | | 12 | | | | | | | | | | | | | |
| 1 | | _ | 5 | 5 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | x | | |
| 2 | Sovereignty, Human Rights and | | | 12 | | | | | | | | | | | | | |
| 2 | International Justice | 6,16 | 5 | 5 | 13 | 26 | | 1 | 5 | 3 | 48 | 77 | | | x | | |
| 2 | international security | | | 12 | | | | | | | | | | | | | |
| 3 | | 15, 17 | 5 | 5 | 13 | 26 | | 3 | 4 | 3 | 49 | 76 | | | | x | |
| 2 | EU Enlargement and European | | | 12 | | | | | | | | | | | | | |
| 4 | Neighborhood Policy | 8,18 | 5 | 5 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | | x | |
| 2 | International Conflicts and Peacekeeping | | | 12 | | | | | | | | | | | | | |
| 5 | Missions | 8,16 | 5 | 5 | 13 | 26 | | 3 | 3 | 3 | 48 | 77 | | | | x | |
| 2 | The Middle East Region - Anatomy of | | | 10 | | | | | | | | | | | | | |
| 6 | International Relations | _ | 4 | 0 | 13 | 13 | | 3 | 3 | 3 | 35 | 65 | | | | x | |
| 2 | Public Policy Analysis | | | 15 | | | | | | | | | | | | | |
| 7 | | 14 | 6 | 0 | 26 | 26 | | 3 | 4 | 3 | 62 | 88 | | | | x | |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------|---|---------|------------|----|--------------|------------|------------|---|--------------|--------------|---|---|--|--|--|--|---|---|---|
| 4 3 | China's Foreign Policy | 9 | 5 | 12 5 | 13 | 26 | | 3 | 4 | 3 | 49 | 76 | | | | | | | x | x | x |
| 4 4 | Religious Factor in International Relations | 26 | 3 | 75 | 13 | 13 | | 2 | 3 | 2 | 33 | 42 | | | | | | | x | x | x |
| 4 5 | Problems of Separatism in the Modern World | 9 | 3 | 75 | 13 | 13 | | 2 | 6 | 2 | 36 | 39 | | | | | | | x | x | x |
| 4 6 | International Proceedings | – | 4 | 10 0 | 13 | 26 | | 1 | | 3 | 43 | 57 | | | | | | | x | x | x |
| 4 7 | International Energy Policy | 10,32 | 5 | 12 5 | 13 | 26 | | 2 | 5 | 3 | 49 | 76 | | | | | | | | x | x |
| 4 8 | Theory and Practice of Negotiation | 10 | 4 | 10 0 | 13 | 26 | | 1 | | 3 | 43 | 57 | | | | | | | | x | x |
| 4 9 | Diplomatic Protocol and Etiquette | 10 | 5 | 12 5 | 26 | 13 | | 2 | 3 | 3 | 47 | 78 | | | | | | | | x | x |
| 5 0 | State and Diaspora | 10 | 4 | 10 0 | 13 | 13 | | 2 | 3 | 2 | 33 | 67 | | | | | | | | x | x |
| 5 1 | Public Relations and Strategic Communications | – | 5 | 12 5 | 26 | 13 | | 2 | 3 | 2 | 46 | 79 | | | | | | | | | x |
| 5 2 | Terrorism (In English) | 10,23 | 4 | 10 0 | 13 | 13 | | 1 | 3 | 2 | 32 | 68 | | | | | | | | | x |
| 5 3 | American Democracy (In English) | 10 | 5 | 12 5 | 26 | 13 | | 1 | 3 | 2 | 45 | 80 | | | | | | | | | x |
| 2.2.Free Study Courses (Maximum 20ECTS credits.) | | | | | | | | | | | | | | | | | | | | | |
| 5 4 | Holistic Awareness - Find Your Alte! | – | 5 | 12 5 | | 48 | | | | 3 | 51 | 74 | x | | | | | | | | |
| 5 5 | Critical Thinking | – | 5 | 12 5 | 13 | 26 | | 1 | 4 | 2 | 46 | 79 | | | | | | | | | |
| 5 6 | Basics of Philosophy | – | 5 | 12 5 | 13 | 26 | | 1 | 6 | 2 | 48 | 77 | x | | | | | | | | |
| 5 7 | French/Chinese/Russian 1 | – | 5 | 12 5 | 0/13/ 0 | | 52/39/5 2 | 1/2/2 / | 3/2/3 / | 4 | 60/60/6 1 | 65/65/6 4 | x | | | | | | | | |
| 5 8 | French/Chinese/Russian 2 | 55 | 5 | 12 5 | 0/13/ 0 | | 52/39/5 2 | 1/2/2 / | 3/2/3 / | 4 | 60/60/6 1 | 65/65/6 4 | | x | | | | | | | |
| 5 9 | Basics of Statistics | – | 5 | 12 5 | 13 | | 26 | 2 | | 3 | 44 | 81 | | x | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|-------|---|---------|------------|----|--------------|------------|------------|---|--------------|--------------|---|---|---|---|--|--|--|--|
| 60 | Basics of Sociology | - | 5 | 12 5 | 13 | 26 | | 1 | 4 | 2 | 46 | 79 | | x | | | | | | |
| 61 | French/Chinese/Russian 3 | 56 | 5 | 12 5 | 0/13/ 0 | | 52/39/5 2 | 1/2/2 / | 3/2/3 / | 4 | 60/60/6 1 | 65/65/6 4 | | | x | | | | | |
| 62 | Democracy and Citizenship | - | 5 | 12 5 | 13 | 26 | | 1 | 3 | 3 | 46 | 79 | | | x | | | | | |
| 63 | Macroeconomics | 4, 59 | 5 | 12 5 | 13 | 26 | | 2 | 4 | 3 | 48 | 77 | | | | x | | | | |
| 64 | French/Chinese/Russian 4 | 59 | 5 | 12 5 | 0/13/ 0 | | 52/39/5 2 | 1/2/2 / | 3/2/3 / | 4 | 60/60/6 1 | 65/65/6 4 | | | | x | | | | |
| 65 | Public Speaking Techniques | - | 5 | 12 5 | 13 | 26 | | 1 | 4 | 2 | 46 | 79 | | | | x | | | | |
| 66 | Psychology of Leadership | 5 | 5 | 12 5 | 13 | 26 | | 1 | 3 | 3 | 46 | 79 | | | | x | | | | |
| 67 | Legal Psychology | - | 5 | 12 5 | 13 | 26 | | 2 | 2 | 2 | 45 | 80 | x | | | | | | | |
| 68 | Course(s) from Another Bachelor's Programme | | | | | | | | | | | | x | x | x | x | | | | |
| Total credits | | | | | | | | | | | | 240 | | | | | | | | |
| Note: 1) The student can choose both the free study courses defined by the given programme (54-65) and any Bachelor's programme operating in the university, in the indicated semesters, by observing the relevant prerequisites. | | | | | | | | | | | | | | | | | | | | |

School of Law and Social Sciences

Journalism

Level of Higher Education - Level I

Qualification to be Awarded – Bachelor of Journalism

Language of Instruction – Georgian

Number of ECTS credits - 240 ECTS

Programme Prerequisites:

Positive results of the Unified National Exams - for a citizen of Georgia with a complete general or equivalent education.

Without passing the Unified National Exams, based on the legislation of Georgia (see - <https://mes.gov.ge/content.php?id=6772&lang=geo>) - for a citizen of Georgia with a complete general or equivalent education.

A bachelor's student who enrolls in the program as a transfer from another university or through internal mobility has the right to study in the program, in accordance with the legislation of Georgia and the regulations of the university.

| Programme Objectives | |
|---|--|
| In the field of journalism, taking into account the requirements and trends of modern professional standards, providing broad theoretical knowledge, understanding the principles of democratic society, free media and creating a solid foundation for lifelong education. | |
| To effectively use the knowledge gained in the field of journalism in practical activities, to develop skills necessary for solving professional problems (information acquisition, objective and impartial assessment, text processing and critical understanding, operative actions, effective communication, multimedia, etc.) and development of critical thinking. | |
| Preparation of a Bachelor of Journalism corresponding to the standards of the first level of higher education and the requirements of the labor market, the qualification of which ensures his/her competitiveness and the realization of his/her abilities in the media and related fields. | |

| Structure of Educational Programme | |
|--------------------------------------|----------|
| Mandatory courses | 213 ECTS |
| Elective courses | 27 ECTS |
| Supplementary programme ¹ | - |

| | |
|--------------|----------|
| Total | 240 ECTS |
|--------------|----------|

Programme Learning Outcomes

| |
|--|
| Critically understands the basics and basic concepts of journalism theory, history and modern experience, its role in the life of society |
| Explains the forms and features of print, electronic and online media |
| Determines the relevance of the topic and, using relevant information/data, independently creates various types of media content |
| Uses audio-visual techniques of depiction/narration and creates competitive multimedia productions |
| Manages relationships collegially, effectively and creatively in team or individual activities, takes care of the professional development of team members |
| Will study problematic issues and develop ethically and professionally responsible conclusions based on the analysis of relevant sources and synthesis of information |
| Clearly formulates own position and arguments in discussions/debates held in target audiences using modern means of communication, as well as in writing |
| Performs the function of a reporter/correspondent, small-format news/thematic program anchor, including in non-standard situations, under minimal guidance |
| In the process of work, he/she independently evaluates unforeseen problems and responsibly determines the necessary methods for solving them |
| Protects and respects the professional-ethical standards regulating media freedom and activities, the rights of ethnic, religious, social, gender or other vulnerable groups |
| Critically analyzes own abilities and for the purpose of further professional development, uses the acquired knowledge to acquire and deepen additional sectoral and multidisciplinary knowledge |

Fields of employment

| |
|---|
| Graduates will be able to carry out professional activities in both private and public institutions. A graduate of the Bachelor's program of Journalism will be able to get a job in a media organization (newspaper, magazine, television company, radio company, information agency, media holding, internet publication, TV and radio production studios), advertising and PR companies, in a governmental, non-governmental, private structure, in a position corresponding |
|---|

to his/her qualifications (journalist/correspondent/reporter, regular editor, low-level media manager, producer, press office employee).

A graduate of the bachelor's Program in Journalism will be able to use the acquired knowledge and be employed in the field of related specialty.

Additional information

For detailed information about the educational program, please, visit the following link - <https://alte.edu.ge/ka/zhurnalistika>

| # | Name of the learning component | Prerequisite | Credit | Lecture | Distribution of hours | | | | | | | | academic semester | | | | | | | |
|--|---|--------------|--------|---------|-----------------------|--------------------|----------------|--------------|-----------------------------|------------|--------------------------|------------------------|-------------------|----|-----|----|----|----|-----|------|
| | | | | | Auditorium Hours | | | | | | | Independent work hours | I | II | III | IV | V | VI | VII | VIII |
| | | | | | Lecture | Working in a group | Practical work | Midterm exam | Abstract/presentation/other | Final exam | Auditorium hours (Total) | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| Courses of Study/Components of the Main Field of Study (at least 161 cr.) | | | | | | | | | | | | | | | | | | | | |
| Mandatory (149 cr.) | | | | | | | | | | | | | | | | | | | | |
| 1 | Introduction to Mass Communication and Journalism | - | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | X | | | | | | | |
| 2 | History of Georgian Journalism | - | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | X | | | | | | | |
| 3 | News Journalism | 1 | 5 | 125 | 13 | 26 | | 1 | 4 | 1 | 45 | 80 | | X | | | | | | |
| 4 | Photo and Visual Journalism | - | 4 | 100 | 13 | 24 | 2 | | | | 39 | 61 | | X | | | | | | |
| 5 | Press | 3 | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | X | | | | | |
| 6 | Analytical Journalism | 3 | 5 | 125 | 13 | 26 | | 1 | 4 | 1 | 45 | 80 | | | X | | | | | |
| 7 | Media Coverage of Social Issues | 6 | 5 | 125 | 13 | 26 | | 2 | | 2 | 43 | 82 | | | | X | | | | |
| 8 | Radio Journalism | 6 | 5 | 125 | 13 | 26 | | 1 | 4 | 1 | 45 | 80 | | | | X | | | | |
| 9 | Information Agency (practical course) | 6, 51 | 4 | 100 | 13 | 10 | 16 | 2 | 2 | 2 | 45 | 55 | | | | X | | | | |
| 10 | TV Journalism | 8 | 5 | 125 | 13 | 26 | | 1 | 4 | 1 | 45 | 80 | | | | | X | | | |
| 11 | Investigative Journalism | 6 | 5 | 125 | 13 | 26 | | 4 | | 4 | 47 | 78 | | | | | X | | | |
| 12 | Public Relations | - | 5 | 125 | 20 | 19 | | 2 | | 3 | 44 | 81 | | | | | X | | | |
| 13 | Audio-Visual Narration (practical course) | 4 | 5 | 125 | 13 | 6 | 20 | 3 | | 3 | 45 | 80 | | | | | X | | | |

| | | | | | | | | | | | | | | | | | | | |
|----|---|--------|---|-----|----|----|----|---|---|---|-----|----|--|--|--|--|---|---|---|
| 14 | Foreign Media | 6 | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | | | X | | |
| 15 | Media Coverage of Policy Issues | 10 | 5 | 125 | 13 | 26 | | 3 | 3 | 3 | 48 | 77 | | | | | | X | |
| 16 | Election Coverage and the Impact of Social Media on Elections | 10, 56 | 4 | 100 | 13 | 13 | | 2 | 4 | 2 | 34 | 66 | | | | | | X | |
| 17 | Multimedia Journalism | 10 | 4 | 100 | 13 | 26 | | 2 | 3 | 2 | 46 | 54 | | | | | | X | |
| 18 | Creative and Analytical Writing | 50, 55 | 5 | 125 | | | 39 | 3 | | 3 | 45 | 80 | | | | | | X | |
| 19 | Media Law and Human Rights Journalism | 56, | 5 | 125 | 26 | 24 | | 2 | | 3 | 55 | 70 | | | | | | X | |
| 20 | Debate | 12, 52 | 4 | 100 | 13 | 13 | | 1 | | 2 | 29 | 71 | | | | | | X | |
| 21 | Newsroom (practical course) | 10, 54 | 5 | 125 | | 18 | 21 | 3 | 3 | 3 | 48 | 77 | | | | | | | X |
| 22 | Internet Journalism and Social Media | 10, 54 | 5 | 125 | 12 | 24 | 2 | 2 | | 3 | 43 | 82 | | | | | | | X |
| 23 | TV and Film Documentaries | 10 | 4 | 100 | 13 | 26 | | 2 | 3 | 2 | 46 | 54 | | | | | | | X |
| 24 | On-Air Skills (practical course) | 10 | 4 | 100 | 13 | 14 | 12 | 3 | 4 | 3 | 49 | 51 | | | | | | | X |
| 25 | Professional Ethics and Crisis Journalism | 19, 54 | 5 | 125 | 14 | 25 | | 2 | | 3 | 44 | 81 | | | | | | | X |
| 26 | Coverage of Criminal and Judicial Topics | 10, 56 | 4 | 100 | 13 | 26 | | 1 | | 2 | 42 | 58 | | | | | | | X |
| 27 | Media Coverage of Gender and Vulnerable Groups Issues | 25 | 4 | 100 | 17 | 22 | | 2 | 4 | 2 | 47 | 53 | | | | | | | X |
| 28 | Coverage of Economic Issues in the Media | 10, 56 | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | | | | | X |
| 29 | Media Management | 10, 54 | 4 | 100 | 13 | 13 | | 2 | 3 | 2 | 33 | 67 | | | | | | | X |
| 30 | The Impact of Information Wars on the Media | 15 | 4 | 100 | 13 | 26 | | 2 | 3 | 2 | 46 | 54 | | | | | | | X |
| 31 | Practice | 1-26, | 5 | 125 | | | | | | | 116 | 9 | | | | | | | X |

| | | | | | | | | | | | | | | | | | | | |
|--|---|-------------|---|-----|----|----|----|---|---|----|----|----|---|---|---|---|---|--|---|
| | | 44-56 | | | | | | | | | | | | | | | | | |
| 32 | Bachelor Thesis | 1-26, 44-56 | 5 | 125 | | | | | | 33 | 92 | | | | | | | | X |
| Optional (minimum 12 cr.) | | | | | | | | | | | | | | | | | | | |
| 33 | Coverage of Cultural Issues in the Media | 3 | 5 | 125 | 13 | 26 | | 2 | 4 | 3 | 48 | 77 | | | X | | | | |
| 34 | Media Literacy, Disinformation and Fact-Checking Tools | 47 | 5 | 125 | 13 | 26 | | 2 | 3 | 3 | 47 | 78 | | | X | | | | |
| 35 | Advertising and Advertising Technologies | 1 | 4 | 100 | 13 | 13 | | 3 | 3 | 3 | 35 | 65 | | | X | | | | |
| 36 | Cyber Culture and Cyber Security | - | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | X | | | | |
| 37 | Blogging and Podcasting | 6 | 4 | 100 | 11 | 22 | 4 | 2 | | 3 | 42 | 58 | | | | X | | | |
| 38 | Integrated Marketing Communications | - | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | | X | | | |
| 39 | Sports and Journalism | 6 | 4 | 100 | 13 | 13 | | 2 | | 3 | 31 | 69 | | | | X | | | |
| 40 | Media Monitoring, Media Analysis and Media Research Methods | 6 | 5 | 125 | 13 | 26 | | 2 | 2 | 2 | 45 | 80 | | | | | X | | |
| 41 | Data Collection and Processing | 6 | 4 | 100 | 13 | 13 | | 3 | 3 | 3 | 35 | 65 | | | | | X | | |
| 42 | Public Sentiment and the Media | 12 | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | | | X | | |
| 43 | Psycho-Social Aspects of Interviewers (in English) | 1, 54 | 4 | 100 | 13 | 13 | | 1 | 3 | 2 | 32 | 68 | | | | | X | | |
| Free Courses of Study (at least 79 cr.) | | | | | | | | | | | | | | | | | | | |
| Mandatory (64 cr.) | | | | | | | | | | | | | | | | | | | |
| 44 | English Language 1 | - | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | X | | | | | | |
| 45 | Information Technologies | - | 5 | 125 | 13 | | 26 | 1 | 3 | 2 | 45 | 80 | X | | | | | | |
| 46 | Academic Writing | - | 5 | 125 | 13 | 13 | | 1 | 4 | 2 | 33 | 92 | X | | | | | | |
| 47 | English Language 2 | 44 | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | | X | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|----|---|-----|----|----|----|---|---|---|----|----|---|---|---|---|---|--|--|
| 48 | Rhetoric 1 | - | 5 | 125 | | | 39 | 2 | | 4 | 45 | 80 | | X | | | | | |
| 49 | Research Methods | 44 | 5 | 100 | 13 | 13 | | 2 | 3 | 2 | 33 | 67 | | X | | | | | |
| 50 | Critical Thinking and Text Analysis | - | 5 | 125 | 13 | 26 | | 1 | 4 | 2 | 46 | 79 | | X | | | | | |
| 51 | English Language 3 | 47 | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | | | X | | | | |
| 52 | Rhetoric 2 | 48 | 5 | 125 | | | 39 | 2 | | 6 | 47 | 78 | | | X | | | | |
| 53 | Practical Course of Georgian Language | - | 5 | 125 | 13 | 14 | 12 | 1 | 4 | 2 | 46 | 79 | | | X | | | | |
| 54 | English Language 4 | 51 | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | | | | X | | | |
| 55 | Practical Styling and Editing | 53 | 5 | 125 | 13 | 13 | 13 | 1 | 4 | 2 | 46 | 79 | | | | X | | | |
| 56 | Digital Media Language (English Language 5) | 54 | 4 | 100 | 13 | 26 | | 2 | | 3 | 44 | 56 | | | | | X | | |
| Optional (minimum 15 cr.) | | | | | | | | | | | | | | | | | | | |
| 57 | Holistic Awareness - Find Your Alte! | - | 5 | 125 | | 48 | | | | 3 | 51 | 74 | X | | | | | | |
| 58 | Introduction to Philosophy | - | 5 | 125 | 13 | 26 | | 1 | 6 | 2 | 48 | 77 | X | | | | | | |
| 59 | Basics of Sociology | - | 5 | 125 | 13 | 26 | | 1 | 4 | 2 | 46 | 79 | X | | | | | | |
| 60 | Logic | - | 5 | 125 | 26 | 13 | | 2 | 4 | 2 | 47 | 78 | X | | | | | | |
| 61 | Basics of Political Science | - | 5 | 125 | 14 | 26 | | 3 | 3 | 3 | 49 | 76 | | X | | | | | |
| 62 | Introduction to Psychology | - | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | X | | | | | |
| 63 | Free Literature | - | 5 | 125 | 13 | 26 | | 1 | 4 | 4 | 48 | 77 | | X | | | | | |
| 64 | Film as an Illustrator of Theories | - | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | | X | | | |
| 65 | History of World Cinema | - | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | | X | | | |
| 66 | Introduction to Politics and e-Governance | 51 | 5 | 125 | 13 | 26 | | 2 | 3 | 3 | 47 | 78 | | | | X | | | |
| 67 | Digital Communication and Marketing | - | 5 | 125 | 13 | 26 | | 2 | 2 | 2 | 45 | 80 | | | | X | | | |
| 68 | Courses from other programs | | | | | | | | | | | | X | X | | X | | | |

| | |
|-----------------------|------------|
| Total credits: | 240 |
|-----------------------|------------|

Note: within the framework of the free component, the student can choose both the courses defined by the given program (57-66) and the courses provided by any program operating in the educational university, subject to the relevant prerequisites.

School of Business

Business Administration

Level of Higher Education - Level I

Qualification to be Awarded – Bachelor of Business Administration

Language of Instruction – Georgian

Number of ECTS credits - 180 ECTS

Programme Prerequisites:

Positive results of the Unified National Exams - for a citizen of Georgia with a complete general or equivalent education;

Without passing the Unified National Exams, based on the legislation of Georgia (see <https://mes.gov.ge/content.php?id=6772&lang=geo>) - for a citizen of Georgia with a complete general or equivalent education.

A bachelor's student who enrolls in the program as a transfer from another university or through internal mobility has the right to study in the program, in accordance with the legislation of Georgia and the regulations of the university.

Programme Objectives

Formation of a competitive specialist in business administration with relevant, necessary knowledge, analytical and leadership skills on issues belonging to the field of business administration, who:

- Plans current and strategic business activities based on modern theories and data.
- Uses relevant theoretical knowledge, tools, methods, models, and technologies concerning business administration issues, thinks critically, and formulates well-argued proposals for business development.
- Presents a socially responsible proposal for business activities and has the personal qualities of a permanent aspiration for development.

Structure of Educational Programme

| | |
|-------------------|----------|
| Mandatory courses | 120 ECTS |
| Elective courses | 30 ECTS |

| | |
|--------------------------------------|-----------------|
| Supplementary programme ¹ | 30 ECTS |
| Total | 240 ECTS |

| | |
|---|--|
| Programme Learning Outcomes | |
| <u>Knowledge and understanding</u> | |
| 1. <i>Reviews</i> modern theories and concepts in business management, changing business environment and <i>explains</i> business management processes. | |
| <u>Skill</u> | |
| 2. <i>Analyzes</i> issues related to business activity and presents argumentative conclusions and proposals using appropriate tools and methods. | |
| 3. <i>Evaluates</i> entrepreneurial, financial, marketing, operational and human resource development opportunities with regard to corporate social responsibility. | |
| 4. <i>Discusses</i> the challenges in the team/organization, leadership, management, issues related to the development of the organizational environment, and <i>acts</i> according to team, ethical principles. | |
| 5. By analyzing the latest information obtained from various sources, makes argumentative conclusions and, through critical thinking, <i>generates</i> proposals/new ideas on issues related to the field of business administration. | |
| 6. <i>Evaluates</i> the challenges and opportunities of local and international markets, business organizations, business value and, using modern communication and information technologies, <i>formulates</i> business financial and operational solutions. | |
| 7. <i>Expresses</i> an opinion on important issues of business administration in written and verbal form, using information and computer technologies. | |
| <u>Responsibility and autonomy</u> | |
| 8. <i>Demonstrates</i> a responsible vision of business development, adheres to ethical | |

norms and plans personal and professional development.

Fields of employment

A graduate of the Business Administration program can be employed in any size (small, medium, large), a local and international business organization in a position corresponding to their qualifications. He/she will also be able to successfully create and manage their own business.

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/biznesis-administrireba-2>

| No | Course title | Prerequisite | Credits | Hour | Distribution of Hours | | | | | | | Semester | | | | | |
|---|--|-------------------------------|---------|------|-----------------------|------------|--------------|--------------------------|------------|---------------------|-------------------------|----------|----|-----|----|---|----|
| | | | | | Contact Hours | | | | | | Independent Study Hours | I | II | III | IV | V | VI |
| | | | | | Lecture | Group Work | Midterm Exam | Essay/Presentation/Other | Final Exam | Total Contact Hours | | | | | | | |
| Mandatory courses of major study component | | | | | | | | | | | | | | | | | |
| 1 | Mathematics for Economics and Business | N/A | 5 | 125 | 13 | 26 | 2 | | 3 | 44 | 81 | X | | | | | |
| 2 | Entrepreneurship Program | N/A | 5 | 125 | 13 | 26 | 3 | | 3 | 45 | 80 | X | | | | | |
| 3 | Microeconomics | N/A | 5 | 125 | 13 | 26 | 2 | 4 | 2 | 47 | 78 | X | | | | | |
| 4 | Management | N/A | 5 | 125 | 13 | 26 | 2 | 2 | 2 | 45 | 80 | X | | | | | |
| 5 | Fundamentals of Statistics | Mathematics for Economics and | 5 | 125 | 13 | 26 | 2 | | 3 | 44 | 81 | | X | | | | |

| | | | | | | | | | | | | | | | | | |
|----|---|--|---|-----|----|----|---|---|---|----|----|--|---|---|---|--|--|
| | | Busines ss | | | | | | | | | | | | | | | |
| 6 | Macroeconomics | Micro econo mics | 5 | 125 | 13 | 26 | 2 | 4 | 2 | 47 | 78 | | X | | | | |
| 7 | Fundamentals of Marketing | N/A | 5 | 125 | 13 | 26 | 2 | 2 | 2 | 45 | 80 | | X | | | | |
| 8 | Business Law | N/A | 5 | 125 | 13 | 26 | 2 | 2 | 2 | 45 | 80 | | X | | | | |
| 9 | Fundamentals of Operations Management | N/A | 5 | 125 | 13 | 26 | 2 | | 2 | 43 | 82 | | | X | | | |
| 10 | Organizational Behavior and Leadership | N/A | 5 | 125 | 13 | 26 | 3 | | 3 | 45 | 80 | | | X | | | |
| 11 | Information Communication Technologies in Business | Infor matio n Techn ology | 5 | 125 | 13 | 26 | 3 | 3 | 3 | 48 | 77 | | | X | | | |
| 12 | Financial Accounting | N/A | 5 | 125 | 13 | 26 | 2 | 2 | 2 | 45 | 80 | | | X | | | |
| 13 | Fundamentals of Human Resource Management | Manag ement | 5 | 125 | 13 | 26 | 3 | | 3 | 45 | 80 | | | X | | | |
| 14 | Fundamentals of Corporate Finance | Financ ial Accou nting | 5 | 125 | 13 | 26 | 2 | | 2 | 43 | 82 | | | | X | | |
| 15 | Negotiations and the basics of mediation | Organ ization al Behavi or and | 5 | 125 | 13 | 13 | 2 | 2 | 2 | 32 | 93 | | | | X | | |

| | | | | | | | | | | | | | | | | | |
|---|--|---|---|-----|----|----|---|---|---|----|----|--|--|--|---|---|--|
| | | Leader ship | | | | | | | | | | | | | | | |
| 16 | Project Management | Manag ement | 5 | 125 | 13 | 26 | 2 | 4 | 2 | 47 | 78 | | | | X | | |
| 17 | Fundamentals of Strategic Management | Manag ement | 5 | 125 | 13 | 26 | 2 | 4 | 2 | 47 | 78 | | | | | X | |
| 18 | Social Entrepreneurship Team Program | Entrep reneur ship Progra m | 5 | 125 | 13 | 26 | 1 | 4 | 2 | 46 | 79 | | | | | X | |
| Elective courses of major study component (minimum 30 credits) | | | | | | | | | | | | | | | | | |
| Concentrations | | | | | | | | | | | | | | | | | |
| Enterpreneurship | | | | | | | | | | | | | | | | | |
| 1 | Team Entrepreneurial Program | Entrep reneur ship Progra m | 5 | 125 | | 26 | | | 3 | 29 | 96 | | | | X | | |
| 2 | Principles of Business Models | Entrep reneur ship Progra m | 5 | 125 | 13 | 26 | 2 | 2 | 2 | 45 | 80 | | | | X | | |
| 3 | Design Thinking | Entrep reneur ship Progra m | 5 | 125 | 13 | 26 | 2 | 2 | 2 | 45 | 80 | | | | X | | |

| | | | | | | | | | | | | | | | | | | |
|------------------|------------------------------------|--|----|-----|----|----|---|---|---|----|----|--|--|--|--|--|--|---|
| 4 | Bachelor's Thesis | Mandatory courses; 3 concentration courses | 15 | 375 | | | | | | | | | | | | | | X |
| Finance | | | | | | | | | | | | | | | | | | |
| 1 | Introduction to Fintech | Financial Accounting | 5 | 125 | 13 | 26 | 2 | 2 | 2 | 45 | 80 | | | | | | | X |
| 2 | Introduction to Investing | Financial Accounting | 5 | 125 | 13 | 26 | 2 | | 3 | 44 | 81 | | | | | | | X |
| 3 | Financial Markets and Institutions | Financial Accounting | 5 | 125 | 13 | 26 | 2 | 2 | 2 | 45 | 80 | | | | | | | X |
| 4 | Bachelor's Thesis | Mandatory courses; 3 concentration courses | 15 | 375 | | | | | | | | | | | | | | X |
| Marketing | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|-----------|---------------------------------|---|----|-----|----|----|---|---|---|----|----|--|--|--|---|---|
| 1 | Digital Marketing | Fundamentals of Marketing | 5 | 125 | 13 | 26 | 2 | 3 | 2 | 46 | 79 | | | | X | |
| 2 | Sales Management | Fundamentals of Marketing | 5 | 125 | 13 | 26 | 2 | 2 | 2 | 45 | 80 | | | | X | |
| 3 | Advertising Psychology | Fundamentals of Marketing | 5 | 125 | 13 | 26 | 1 | 3 | 2 | 45 | 80 | | | | X | |
| 4 | Bachelor's Thesis | Mandatory courses; 3 concentration courses | 15 | 375 | | | | | | | | | | | | X |
| HR | | | | | | | | | | | | | | | | |
| 1 | Principles of Talent Management | Fundamentals of Human Resource Management ; | 5 | 125 | 13 | 26 | 2 | | 3 | 44 | 81 | | | | X | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|--|----|-----|----|----|---|---|---|----|----|--|--|--|--|--|--|--|---|
| | | Englis h 3 | | | | | | | | | | | | | | | | | |
| 2 | Organizational Change Management | Funda menta ls of Huma n Resou rce Manag ement ; Englis h 3 | 5 | 125 | 13 | 26 | 2 | 3 | 2 | 46 | 79 | | | | | | | | X |
| 3 | Human Management Ethics and Corporate Social Responsibility | Organ ization al Behavi or and Leader ship | 5 | 125 | 13 | 13 | 2 | 2 | 2 | 32 | 93 | | | | | | | | X |
| 4 | Bachelor's Thesis | Mand atory course s; 3 conce ntratio n course s | 15 | 375 | | | | | | | | | | | | | | | X |
| Free Study Component (minimum 30 credits) | | | | | | | | | | | | | | | | | | | |
| Mandatory courses of free study component (30 credits) | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|---|------------------------|----------------------------|---|-----|----|----|---|---|---|----|----|---|---|---|--|--|---|
| 1 | English 1 | N/A | 5 | 125 | 13 | 42 | 4 | 1 | 4 | 64 | 61 | X | | | | | |
| 2 | Information Technology | N/A | 5 | 125 | 13 | 26 | 1 | 3 | 2 | 45 | 80 | X | | | | | |
| 3 | Academic Writing | N/A | 5 | 125 | 13 | 13 | 2 | 4 | 2 | 34 | 91 | | X | | | | |
| 4 | English 2 | English 1 | 5 | 125 | 13 | 42 | 4 | 1 | 4 | 64 | 61 | | X | | | | |
| 5 | English 3 | English 2 | 5 | 125 | 13 | 42 | 4 | 1 | 4 | 64 | 61 | | | X | | | |
| 6 | Research Methods | Fundamentals of Statistics | 5 | 125 | 13 | 13 | 2 | 4 | 2 | 34 | 91 | | | | | | X |

Elective courses of free study component (minimum ... credits)

** The student completes his/her undergraduate thesis in one of the concentrations of his/her choice. The student has the opportunity to choose a minor from the Tourism or Computer Science programs (see Minor Programs), a separate course of study from other concentrations, develop knowledge in foreign languages, or choose any other course(s), but not less than 30 credits.

| | | | | | | | | | | | | | | | | | | |
|---|----------------------------|---------------------------|---|-----|----|----|---|---|---|----|----|--|--|--|--|--|---|---|
| 1 | Product Design | Entrepreneurship Program | 5 | 125 | 13 | 26 | 2 | 3 | 2 | 46 | 79 | | | | | | X | X |
| 2 | Public Speaking Techniques | N/A | 5 | 125 | 13 | 26 | 2 | 4 | 2 | 47 | 78 | | | | | | X | X |
| 3 | Competitive Strategy | Fundamentals of Marketing | 5 | 125 | 13 | 26 | 2 | 4 | 2 | 47 | 78 | | | | | | X | X |
| 4 | The Art of Success | N/A | 5 | 125 | 21 | 18 | 1 | | 3 | 43 | 82 | | | | | | X | X |

| | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------|----------------------|---|-----|----|----|---|--|---|----|----|------------|--|--|--|---|---|
| 5 | Managerial Accounting | Financial Accounting | 5 | 125 | 13 | 26 | 2 | | 2 | 43 | 82 | | | | | X | X |
| Total Credits: | | | | | | | | | | | | 180 | | | | | |

Note: As part of Elective courses of free study component, students can elect courses either from the offerings of this program or from any similar level programme available at the university. Respective prerequisites have to be obtained.

School of Business

Tourism

Level of Higher Education - Level I

Qualification to be Awarded – Bachelor of Tourism

Language of Instruction – Georgian

Number of ECTS credits - 240 ECTS

Programme Prerequisites:

Positive results of the Unified National Exams - for a citizen of Georgia with a complete general or equivalent education.

Without passing the Unified National Exams, based on the legislation of Georgia (see - <https://mes.gov.ge/content.php?id=6772&lang=geo>) - for a citizen of Georgia with a complete general or equivalent education.

A bachelor's student who enrolls in the program as a transfer from another university or through internal mobility has the right to study in the program, in accordance with the legislation of Georgia and the regulations of the university.

Programme Objectives

The purpose of the bachelor's program in tourism is to develop the knowledge and practical skills necessary for the use of tourist resources, environmental and cultural heritage objects for tourism purposes in the modern economic and socio-cultural relations system, and to give them the opportunity to use them.

To acquaint students with the management and sectoral structure of the tourism industry, to teach them the mechanism of formation of consumer values of the tourism market, the current state of the world and Georgian tourism industry, and the trends of sustainable development and global changes.

To develop students in the tourism service system, the culture of relations with tourists, both theoretically and practically.

Structure of Educational Programme

| | |
|-------------------|----------|
| Mandatory courses | 220 ECTS |
|-------------------|----------|

| | |
|--------------------------------------|-----------------|
| Elective courses | 20 ECTS |
| Supplementary programme ¹ | - |
| Total | 240 ECTS |

Programme Learning Outcomes

| |
|---|
| <p>Critically understands business and economic challenges and opportunities in the field of tourism, including the potential of Georgian and global tourism resources based on contemporary and conventional theories and principles.</p> |
| <p>Identifies problems in tourism activities and formulates recommendations regarding effective ways to solve them (including issues of creating and developing a sustainable tourism policy).</p> |
| <p>Creates and develops tourism products and services, projects and events using both standard and modern and innovative methods and tools.</p> |
| <p>Assesses the internal and external environment of tourism activities, draws up internal organizational, financial and marketing plans in terms of best practices in tourism activities.</p> |
| <p>Effectively formulates and conveys ideas using context-appropriate technologies for written and oral communication and communication.</p> |
| <p>Ensures the achievement of a common goal through effective teamwork, reasonable distribution of work and planning of personal and professional development of others, influencing team members, respecting the opinion of others.</p> |
| <p>Understands the global, regional, local socio-economic context of sustainable tourism and acts ethically and responsibly.</p> |
| <p>Thinks critically and makes arguments based on the analysis of information, data, facts and sources.</p> |

Fields of employment

| |
|---|
| <p><u>A graduate of the Tourism and Hospitality Management</u> program can be employed at any (small and medium, as well as international) level in a position corresponding to his/her qualifications:</p> <ul style="list-style-type: none"> - In hotels, accommodation facilities; - In catering establishments; - In tourist companies; - Located in regional state structures; - In tourist associations; |
|---|

- He will also be able to successfully create and manage his own business in the field of "travel, tourism, and leisure".

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/turizmi-2>

| # | Name of the training component | Prerequisite | Credits | Hours | Distribution of hours | | | | | | | | Academic semesters | | | | | | | | |
|---|--|--------------|------------|-------|-----------------------|-------------------|---------|--------------|---------------------------|------------|------------------------|----|--------------------|-----|----|----|----|-----|------|---------------------|--|
| | | | | | Contact hours | | | | | | Independent work hours | I | II | III | IV | V | VI | VII | VIII | | |
| | | | | | Lecture | Work in the group | Seminar | Midterm exam | Abstract, essay, project, | Final exam | | | | | | | | | | Total contact hours | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | |
| Mandatory components | | | | | | | | | | | | | | | | | | | | | |
| 1. Block of English language | | | 25 | | | | | | | | | | | | | | | | | | |
| 1.1 | English language 1 | | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | x | | | | | | | | |
| 1.2 | English language 2 | 1.1 | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | | 5 | | | | | | | |
| 1.3 | English language 3 | 1.2 | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | | | 3 | | | | | | |
| 1.4 | English language 4 | 1.3 | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | | | | x | | | | | |
| 1.5 | English language 5 | 1.4 | 5 | 125 | | | 52 | 1 | 3 | 4 | 60 | 65 | | | | | x | | | | |
| 2. Block of basic training courses | | | 33 | | | | | | | | | | | | | | | | | | |
| 2.1 | Academic writing | | 5 | 125 | 13 | 13 | | 2 | 4 | | 32 | 93 | x | | | | | | | | |
| 2.2 | Information technologies 1 | | 5 | 125 | 13 | | 26 | 1 | 3 | 2 | 45 | 80 | x | | | | | | | | |
| 2.3 | Information technologies 2 | 2.2 | 5 | 125 | 13 | | 26 | 2 | 2 | 5 | 48 | 77 | | x | | | | | | | |
| 2.4 | Basics of psychology | | 5 | 125 | 13 | 26 | | 1 | 3 | 2 | 45 | 80 | x | | | | | | | | |
| 2.5 | Mathematics for economics and business 1 | | 4 | 100 | 13 | | 26 | 2 | | 3 | 44 | 56 | x | | | | | | | | |
| 2.6 | Mathematics for economics and business 2 | 2.5 | 4 | 100 | 13 | | 26 | 2 | | 3 | 44 | 56 | | x | | | | | | | |
| 2.7 | Research methods | | 5 | 125 | 13 | 13 | | 2 | 4 | 2 | 34 | 91 | | | x | | | | | | |
| 3. Block of training | | | 151 | | | | | | | | | | | | | | | | | | |

| courses in the main field | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|-----------|---|-----|----|----|----|---|---|---|----|----|---|---|---|---|---|--|---|---|---|
| <u>3.1</u> | Fundamentals of management | | 5 | 125 | 26 | 26 | | 2 | 2 | 2 | 58 | 67 | | x | | | | | | | |
| <u>3.2</u> | Basics of tourism | | 5 | 125 | 26 | 26 | | 2 | 3 | 2 | 59 | 66 | x | | | | | | | | |
| <u>3.3</u> | Basics of marketing | | 5 | 125 | 13 | 26 | | 2 | 2 | 2 | 45 | 80 | | x | | | | | | | |
| <u>3.4</u> | Basics of accounting | 2.2; 2.5 | 5 | 125 | 13 | 26 | | 2 | 2 | 2 | 45 | 80 | | x | | | | | | | |
| <u>3.5</u> | Tourism management | 3.1 | 5 | 125 | 26 | 13 | | 2 | 2 | 2 | 45 | 80 | | | x | | | | | | |
| <u>3.6</u> | Team entrepreneurial program 1 | | 5 | 125 | 13 | 26 | | 3 | | 3 | 45 | 80 | | | x | | | | | | |
| <u>3.7</u> | Team entrepreneurial program 2 | 3.6 | 4 | 100 | | 26 | | | | 3 | 29 | 71 | | | | x | | | | | |
| <u>3.8</u> | Macroeconomics | 2.6 | 5 | 125 | 13 | 26 | | 2 | 4 | 3 | 48 | 77 | | | x | | | | | | |
| <u>3.9</u> | Tourist and recreational resources of Georgia | 3.2 | 5 | 125 | 26 | 13 | | 2 | 2 | 2 | 45 | 80 | | | x | | | | | | |
| <u>3.10</u> | Tourism statistics | 2.6 | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | | x | | | | | |
| <u>3.11</u> | Microeconomics | 3.8 | 5 | 125 | 13 | 26 | | 2 | 4 | 2 | 47 | 78 | | | | x | | | | | |
| <u>3.12</u> | Tourism Marketing | 3.3 | 5 | 125 | 26 | 26 | | 2 | 2 | 2 | 58 | 67 | | | | x | | | | | |
| <u>3.13</u> | Financial accounting | 3.4 | 5 | 125 | 13 | 26 | | 2 | 2 | 2 | 45 | 80 | | | | x | | | | | |
| <u>3.14</u> | Principles of marketing research | 3.3 | 5 | 125 | 13 | 26 | | 2 | 2 | 2 | 45 | 80 | | | | | x | | | | |
| <u>3.15</u> | Tourism products and trends | | 5 | 125 | 14 | 26 | | 2 | 4 | 2 | 48 | 77 | | | | | x | | | | |
| <u>3.16</u> | Leadership and Organizational Behavior | 3.5 | 4 | 100 | 13 | 13 | | 2 | | 3 | 31 | 69 | | | | | x | | | | |
| <u>3.17</u> | Product design | 1.5; 3.12 | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | | | | | x | | |
| <u>3.18</u> | Negotiations | 1.5 | 4 | 100 | 13 | 13 | | 2 | 2 | 2 | 32 | 68 | | | | | | | x | | |
| <u>3.19</u> | Turoperating | 3.9 | 5 | 125 | 26 | 26 | | 2 | 2 | 2 | 58 | 67 | | | | | | | x | | |
| <u>3.20</u> | Geoinformation systems in tourism | 2.3 | 6 | 150 | 26 | | 26 | 2 | 2 | 2 | 58 | 92 | | | | | | | x | | |
| <u>3.21</u> | Consumer behavior in tourism | 1.5 | 5 | 125 | 13 | 26 | | 2 | | 2 | 43 | 82 | | | | | | | x | | |
| <u>3.22</u> | Basics of operations management | 1.5 | 5 | 125 | 13 | 26 | | 2 | 2 | 2 | 45 | 80 | | | | | | | x | | |
| <u>3.23</u> | Business Law | | 5 | 125 | 13 | 26 | | 2 | 2 | 2 | 45 | 80 | | | | | | | | x | |
| <u>3.24</u> | Corporate Finance | 3.13, 1.5 | 5 | 125 | 13 | 26 | | 2 | | 2 | 43 | 82 | | | | | | | x | | |
| <u>3.25</u> | Sales and Marketing in the Tourism Industry | 3.12; 1.5 | 5 | 125 | 13 | 26 | | 3 | | 4 | 46 | 79 | | | | | | | x | | |
| <u>3.26</u> | Customer service and crisis management in tourism | | 4 | 100 | 14 | 26 | | 2 | 4 | 2 | 48 | 52 | | | | | | | x | | |
| <u>3.27</u> | Agritourism | 3.9 | 5 | 125 | 13 | 26 | | 2 | 3 | 2 | 46 | 79 | | | | | | | | x | |
| <u>3.28</u> | Fundamentals of strategic management | 3.1 | 5 | 125 | 14 | 13 | 11 | 2 | 4 | 2 | 46 | 79 | | | | | | | | x | |
| <u>3.29</u> | Event management | | 4 | 100 | 13 | 26 | | 3 | | 3 | 45 | 55 | | | | | | | | x | |
| <u>3.30</u> | Tourism policy | | 5 | 125 | 13 | 26 | | 3 | | 3 | 45 | 80 | | | | | | | | | x |

School of Information Technology

Computer Science (GEO)

Level of Higher Education - Level I

Qualification to be Awarded – Bachelor of Computer Science

Language of Instruction – Georgian

Number of ECTS credits - 240 ECTS

Programme Prerequisites:

Student enrolment in bachelor's program is carried out in accordance with the rules established by Georgian legislation and is based on the results of the Unified National Examinations. Required:

- Passing the English language and Mathematics or/and Physics components
- In English, more than 50% + 1 point is required

Individuals who have a complete general education qualification are eligible for enrolment in bachelor's programs. For foreign students, Alte University has developed a special enrolment procedure that meets international standards for evaluating applicants' academic qualifications.

Programme Objectives

1. Build a Solid Theoretical and Mathematical Foundation

Develop students' core knowledge in computer science principles, including algorithms, data structures, and mathematics essential for problem-solving and computational thinking.

2. Develop Practical Skills and Technical Competence

Equip students with hands-on experience in software development, information security, and computer engineering through applied learning, labs, and projects.

3. Support Personalized Learning and Specialization

Offer students flexibility to explore and specialize in their area of interest—software development, information security, or computer engineering—through guided orientation and elective pathways.

4. Promote Ethical, Responsible, and Collaborative Practice

Increase awareness of ethical, legal, and social issues in technology while fostering teamwork, communication, and professional responsibility.

5. Prepare Graduates for Global Careers and Lifelong Learning

Empower students with the skills, mindset, and adaptability needed for success in the international tech job market and ongoing professional development.

| Structure of Educational Programme | |
|--------------------------------------|-----------------|
| Mandatory courses | 180 ECTS |
| Elective courses | 60 ECTS |
| Supplementary programme ¹ | - |
| Total | 240 ECTS |

| Programme Learning Outcomes |
|--|
| <u>Knowledge and understanding</u> |
| 1. Explains fundamental concepts in computer science, including programming, data structures, systems, databases, and networks. |
| 2. Describes mathematical and logical methods, including calculus and discrete mathematics, for analyzing and solving computational problems. |
| 3. Discusses the characteristics of specialized fields within computer science such as software development, information security, and computer engineering and their real-world applications. |
| <u>Skill</u> |
| 1. Implements software solutions using modern programming tools and methodologies. |
| 2. Analyzes and evaluates computational systems and technologies in terms of efficiency, scalability, and security. |
| 3. Works effectively in diverse teams, applying collaboration, leadership, and project management skills in computing projects. |

| |
|---|
| 4. Solves real-world technical challenges and develops innovative digital solutions through critical thinking. |
| <u>Responsibility and autonomy</u> |
| 1. Demonstrates ethical and socially responsible behavior in professional computing practice, including issues of data privacy and the responsible use of technology. |
| 2. Engages in independent learning and professional development to keep pace with technological evolution. |
| 3. Exhibits independence and accountability in both individual and collaborative activities, managing time and resources effectively. |

| |
|---|
| Fields of employment |
| <p>The Bachelor Program in Computer Science at Alte University prepares internationally competitive professionals with the skills and knowledge required to thrive in the rapidly evolving digital landscape. Graduates are equipped to address challenges related to modern technologies and contribute effectively across a range of industries.</p> <p>With a strong foundation in theoretical principles and hands-on experience in areas such as Software Development, Information Security, and Computer Engineering, graduates will be capable of fulfilling core professional roles in both private and public sector organizations—independently or as part of interdisciplinary teams.</p> <p>Typical career roles include:</p> <ul style="list-style-type: none"> • Software Developer / Software Engineer • Information Technology Specialist • Network or Systems Administrator • Cybersecurity Analyst • Data Analyst / Machine Learning Engineer • Web Developer / DevOps Engineer • Embedded Systems or Hardware Engineer <p>The program is uniquely enriched by its connection to Alte University’s Innovation and Entrepreneurship Center, which supports students in developing entrepreneurial skills, launching startups, and applying their knowledge to real-world challenges. The center acts as a bridge between academia and industry, actively engaging with Georgia’s dynamic startup ecosystem.</p> |

Moreover, Alte University maintains partnerships with **over 200 private sector organizations**, providing students with access to:

- Internship and employment opportunities
- Collaborative industry projects
- Innovation labs and career workshops
- Networking and mentoring from professionals

These partnerships significantly enhance graduate employability, offering pathways into both established companies and the innovation-driven startup sector—locally and internationally.

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/kompiuteruli-metsniereba-qartulenovani-2>

| No | Course title | Prerequisite | Credits | Hour | Distribution of Hours | | | | | | Semester | | | | | | | | | | | |
|---|--|--------------|---------|------|-----------------------|----------------|--------------|------------|---------------------|-------------------------|----------|----|-----|----|---|----|-----|------|----|---|----|-----|
| | | | | | Contact Hours | | | | | Independent Study Hours | I | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
| | | | | | Lecture | Practical Work | Midterm Exam | Final Exam | Total Contact Hours | | | | | | | | | | | | | |
| Mandatory courses of major study component | | | | | | | | | | | | | | | | | | | | | | |
| Mandatory courses of major study component (130 credits) | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Introduction to Programming | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | x | | | | | | | | | | | |
| 2 | Fundamental of Computer Architecture and | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | x | | | | | | | | | | | |

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|----|--|--|---|---|---|---|---|---|----|----|---|---|---|---|--|--|--|--|--|--|--|--|
| | Technology History | | | | | | | | | | | | | | | | | | | | | |
| 3 | Information Technologies | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | x | | | | | | | | | | | |
| 4 | Object Oriented Programing | Introduction to Programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | x | | | | | | | | | | |
| 5 | Web Development I (FrontEnd) | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | x | | | | | | | | | | |
| 6 | Data Structures and Algorithms I | Object Oriented Programing | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | | |
| 7 | Discrete Math | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | | |
| 8 | Computer Organization and Architecture | Object-oriented programming, fundamentals of computer architecture and history of technology | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | | |
| 9 | Web Development II (JavaScript) | Web Development I (FrontEnd) | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | | |
| 10 | Data Structures and Algorithms II | Data Structures and Algorithms I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | | | |
| 11 | Relational Databases | Linear Algebra, Discrete Math | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | | | |
| 12 | Fundamentals of systems | Computer Organization | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | | | |

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|----|--|--|---|---|---|---|---|---|----|----|--|--|--|---|---|---|--|--|--|--|--|
| | administratio n (Windows) | and Architecture | | | | | | | | | | | | | | | | | | | |
| 13 | Fundament als of Network Communicati ons | Computer Organization and Architecture | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | | |
| 14 | Programming Paradigms | Object Oriented Programing | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | |
| 15 | Theory of Computation | Linear Algebra, Discrete Math, Data Structures and Algorithms II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | |
| 16 | NoSQL Databases | Relational Databases | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | |
| 17 | Introduction to Cybersecurity | Introduction to Programming, Data Structures and Algorithms II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | |
| 18 | IT Career Management | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | |
| 19 | Data Analysis | Probability and Statistics, Data Structure and algorithms II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | | |
| 20 | Artificisl Intelligence | Linear Algebra, | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | |

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|---|---------------------------|--|----|---|---|---|---|---|----|----|--|--|--|--|---|---|---|--|--|--|
| | | Discrete Math, Data Structures and Algorithms II | | | | | | | | | | | | | | | | | | |
| 21 | Data Engineering | Relational Databases | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | | | |
| 22 | Machine Learning | Artificial Intelligence | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | |
| 23 | Bachelor Project | Academic Writing | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | |
| 24 | Practice | all compulsory courses | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | |
| 25 | Bachelor Thesis | all compulsory courses | 10 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | |
| Software Development - Mandatory Elective (40 credits) | | | | | | | | | | | | | | | | | | | | |
| 1 | Web Development - Flask | Introduction to Programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | |
| 2 | Graphic Design | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | |
| 3 | Programming Language Java | Object Oriented Programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | |
| 4 | Mobile App Development | Programming Language Java, Graphic Design | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | |
| 5 | React | Web Development II (JavaScript) | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | |

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|--|---------------------------------------|---|---|---|---|---|---|---|----|----|--|--|--|--|---|--|---|---|---|--|--|--|
| 4 | Discrete Data Processing in Matlab I | Data Analysis, Numerical Methods | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | |
| 5 | Introduction to Microprocessors | Introduction to Electronics, Computer Organization and Architecture | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | |
| 6 | Software Engineering | Object Oriented Programming, Data Structures and Algorithms II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | | x | | | |
| 7 | IoT - smart systems | Introduction to Microprocessors, Object Oriented Programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | | x | | | |
| 8 | Discrete Data Processing in Matlab II | Discrete Data Processing in Matlab I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | | x | | | |
| Elective courses (0-20 credits) | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Tech Entrepreneurship | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | x | x | x | | | |
| 6 | iOS Programming | Mobile App Development | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | | x | | | |

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|----|---|---|---|---|---|---|---|---|----|----|--|--|--|---|--|---|---|---|--|--|--|--|
| 7 | Software Test Automation | Fundamentals of Software Testing | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | X | X | | | | |
| 8 | Drones in environmental and agricultural sciences | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | X | | X | X | X | | | | |
| 9 | Embedded System | Object-oriented programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | X | | X | X | X | | | | |
| 10 | Programming Language C# | Object Oriented Programming, Data Structures and Algorithms I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | X | | X | X | X | | | | |
| 11 | Web Development - Django | Introduction to Programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | X | | X | X | X | | | | |
| 12 | Neural Networks | Machine Learning (Deep Learning) | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | X | | X | X | X | | | | |
| 13 | Management of | Network Infrastructure | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | X | | X | X | X | | | | |

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|--|---|----------------|---|---|---|---|---|---|----|----|---------|---|---|---|--|---|---|---|--|--|
| | information systems | Administration | | | | | | | | | | | | | | | | | | |
| Free Study Component (minimum 50-70 credits) | | | | | | | | | | | | | | | | | | | | |
| Compulsory courses of free study component (50 credits) | | | | | | | | | | | | | | | | | | | | |
| 1 | STEM | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | x | | | | | | | | | |
| 2 | Calculus I | STEM | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | x | | | | | | | | |
| 3 | Physics I | STEM | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | x | | | | | | | | |
| 4 | Linear Algebra | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | x | | | | | | | | |
| 5 | Calculus II | Calculus I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | |
| 6 | Physics II | Physics 1 | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | |
| 7 | Probability and Statistics | Calculus II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | |
| 8 | English I | N/A | 5 | 4 | | 4 | 3 | 3 | 62 | 63 | x | | | | | | | | | |
| 8 | Academic Writing | N/A | 5 | 2 | 1 | 1 | 3 | 3 | 34 | 91 | x | | | | | | | | | |
| 10 | English II | English I | 5 | 4 | | 4 | 3 | 3 | 62 | 63 | | x | | | | | | | | |
| Elective courses of free study component (0-20 credits) | | | | | | | | | | | | | | | | | | | | |
| 1 | Course(s) from other undergraduate programs offered at the University | | | | | | | | | | | | | x | | x | x | x | | |
| Total Credits: | | | | | | | | | | | 24 0 | | | | | | | | | |

Note: From the 6th semester, one must choose one of the three offered elective blocks. The student can obtain the remaining 20 credits: from the remaining elective blocks and/or from the 10 offered elective courses and/or from the offered free elective components (including from other bachelor's programs operating at the university) subject to compliance with the relevant prerequisites. The student can also choose the desired courses of the main field of the bachelor's program in Artificial Intelligence and Data Analytics.

School of Information Technology

Computer Science (ENG)

Level of Higher Education - Level I

Qualification to be Awarded – Bachelor of Computer Science

Language of Instruction – English

Number of ECTS credits - 240 ECTS

Programme Prerequisites:

Student enrolment in bachelor's programme is carried out in accordance with the rules established by Georgian legislation and is based on the results of the Unified National Examinations. Required:

- Passing the English language and Mathematics or/and Physics components
- In English, more than 70% + 1 point is required

Individuals, who have a complete general education qualification are eligible for enrolment in bachelor's programs. For foreign students, Alte University has developed a special enrollment procedure that meets international standards for evaluating applicants' academic qualifications.

Programme Objectives

6. Build a Solid Theoretical and Mathematical Foundation

Develop students' core knowledge in computer science principles, including algorithms, data structures, and mathematics essential for problem-solving and computational thinking.

7. Develop Practical Skills and Technical Competence

Equip students with hands-on experience in software development, information security, and computer engineering through applied learning, labs, and projects.

8. Support Personalized Learning and Specialization

Offer students flexibility to explore and specialize in their area of interest—software development, information security, or computer engineering—through guided orientation and elective pathways.

9. Promote Ethical, Responsible, and Collaborative Practice

Increase awareness of ethical, legal, and social issues in technology while fostering teamwork, communication, and professional responsibility.

10. Prepare Graduates for Global Careers and Lifelong Learning

Empower students with the skills, mindset, and adaptability needed for success in the international tech job market and ongoing professional development.

| Structure of Educational Programme | |
|--------------------------------------|-----------------|
| Mandatory courses | 180 ECTS |
| Elective courses | 60 ECTS |
| Supplementary programme ¹ | - |
| Total | 240 ECTS |

| Programme Learning Outcomes |
|---|
| <u>Knowledge and understanding</u> |
| Explains fundamental concepts in computer science, including programming, data structures, systems, databases, and networks. |
| Describes mathematical and logical methods, including calculus and discrete mathematics, for analyzing and solving computational problems. |
| Discusses the characteristics of specialized fields within computer science such as software development, information security, and computer engineering and their real-world applications. |
| <u>Skill</u> |
| 5. Implements software solutions using modern programming tools and methodologies. |
| 6. Analyzes and evaluates computational systems and technologies in terms of efficiency, scalability, and security. |
| 7. Works effectively in diverse teams, applying collaboration, leadership, and project management skills in computing projects. |

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|---|
| 8. Solves real-world technical challenges and develops innovative digital solutions through critical thinking. |
| <u>Responsibility and autonomy</u> |
| 4. Demonstrates ethical and socially responsible behavior in professional computing practice, including issues of data privacy and the responsible use of technology. |
| 5. Engages in independent learning and professional development to keep pace with technological evolution. |
| 6. Exhibits independence and accountability in both individual and collaborative activities, managing time and resources effectively. |

Fields of employment

The **Bachelor Program in Computer Science** at Alte University prepares **internationally competitive professionals** with the skills and knowledge required to thrive in the rapidly evolving digital landscape. Graduates are equipped to address challenges related to modern technologies and contribute effectively across a range of industries.

With a strong foundation in theoretical principles and hands-on experience in areas such as **Software Development, Information Security, and Computer Engineering**, graduates will be capable of fulfilling core professional roles in both **private and public sector organizations**—independently or as part of interdisciplinary teams.

Typical career roles include:

- Software Developer / Software Engineer
- Information Technology Specialist
- Network or Systems Administrator
- Cybersecurity Analyst
- Data Analyst / Machine Learning Engineer
- Web Developer / DevOps Engineer
- Embedded Systems or Hardware Engineer

The program is uniquely enriched by its connection to **Alte University’s Innovation and Entrepreneurship Center**, which supports students in developing entrepreneurial skills, launching startups, and applying their knowledge to real-world challenges. The center acts as a bridge between academia and industry, actively engaging with **Georgia’s dynamic startup ecosystem**.

Moreover, Alte University maintains partnerships with **over 200 private sector organizations**, providing students with access to:

- Internship and employment opportunities
- Collaborative industry projects
- Innovation labs and career workshops
- Networking and mentoring from professionals

These partnerships significantly enhance graduate employability, offering pathways into both established companies and the innovation-driven startup sector—locally and internationally.

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/kompiuteruli-metsniereba-inglisurenovani-2>

| | | | | | Lecture | Practical Work | Midterm Exam | Final Exam | Total Contact Hours | | | | | | | | | | | |
|---|---|-----|---|---|---------|----------------|--------------|------------|---------------------|----|---|--|--|--|--|--|--|--|--|--|
| Mandatory courses of major study component | | | | | | | | | | | | | | | | | | | | |
| Mandatory courses of major study component (130 credits) | | | | | | | | | | | | | | | | | | | | |
| 1 | Introduction to Programming | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | x | | | | | | | | | |
| 2 | Fundamental of Computer Architecture and Technology History | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | x | | | | | | | | | |
| 3 | Information Tech | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | x | | | | | | | | | |

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|----|---|---|---|---|---|---|---|---|----|----|--|--|--|---|---|--|--|--|--|--|--|
| | admini- stration (Win- dows) | and Archi- tecture | | | | | | | | | | | | | | | | | | | |
| 13 | Fun- damenta- ls of Net- work Com- muni- cations | Com- puter Orga- niza- tion and Archi- tecture | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | | |
| 14 | Progr- ammi- ng Parad- igms | Obje- ct Orie- nted Prog- rami- ng | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | |
| 15 | Theor- y of Comp- utatio- n | Linea- r Alge- bra, Discr- ete Math , Data Struc- tures | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | |

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|----|--------------------------------|--|---|---|---|---|---|---|----|----|--|--|--|--|---|---|--|--|--|--|--|--|
| | | and Algorithms II | | | | | | | | | | | | | | | | | | | | |
| 16 | NoSQL Databases | Relational Databases | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | | |
| 17 | Introduction to Cyber security | Introduction to Programming, Data Structures and Algorithms II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | | |
| 18 | IT Career Management | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | | |
| 19 | Data Analysis | Probability and Statistics, Data Struc | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | | | |

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|----|------------------------------------|---|---|---|---|---|---|---|----|----|--|--|--|--|---|---|--|--|--|--|--|--|
| | | ture and algor ithms II | | | | | | | | | | | | | | | | | | | | |
| 20 | Artifi cisl Intelli gence | Linea r Alge bra, Discr ete Math , Data Struc tures and Algo rithm s II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | | |
| 21 | Data Engi neer ing | Relati onal Datab ases | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | | | | | |
| 22 | Mac hine Lear ning | Artif icial Intel ligen ce | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | | |
| 23 | Bach elor Proje ct | Aca demi c Writ ing | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----|-----------------|------------------------|----|---|---|---|---|---|----|----|--|--|--|--|--|--|---|---|--|--|--|--|--|
| 24 | Practice | all compulsory courses | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | | |
| 25 | Bachelor Thesis | all compulsory courses | 10 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | | |

Software Development - Mandatory Elective (40 credits)

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------|-----------------------------|---|---|---|---|---|---|----|----|--|--|--|--|--|--|---|--|--|--|--|--|--|
| 1 | Web Development - Flask | Introduction to Programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | | |
| 2 | Graphic Design | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | | |
| 3 | Programming Language Java | Object Oriented Programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | | |

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|---|--|--|---|---|---|---|---|---|----|----|--|--|--|--|--|--|---|---|--|--|--|--|
| 4 | Mobil e App Devel opme nt | Progr ammi ng Lang uage Java, Grap hic Desi gn | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | |
| 5 | React | Web Deve lopme nt II (Java Scrip t) | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | |
| 6 | Fund ament als of Softw are Testi ng | Web Deve lopme nt I (Fron tEnd) , Web Deve lopme nt II (Java Scrip t), Mobi le App Deve | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | |

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|---|---------------------------------------|--|---|---|---|---|---|---|----|----|--|--|--|--|--|---|---|--|--|--|--|--|
| | | and Architecture | | | | | | | | | | | | | | | | | | | | |
| 2 | Introduction to cryptography | Fundamentals of Network Communications | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | | | |
| 3 | Cloud Computing | Fundamentals of systems administration (Windows) | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | | | |
| 4 | Network Infrastructure Administration | Fundamentals of Network Com | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | |

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|---|----------------------|--|---|---|---|---|---|---|----|----|--|--|--|--|--|--|---|---|--|--|--|--|
| | | unications | | | | | | | | | | | | | | | | | | | | |
| 5 | Ethical Hacking | Operating Systems - Linux | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | X | | | | | |
| 6 | Software Engineering | Object Oriented Programming, Data Structures and Algorithms II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | X | | | | |
| 7 | DevOps | Data Analysis, Data Engineering | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | X | | | | |
| 8 | Blockchain | Introduction to Cybersecurity, | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | X | | | | |

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|---|--|--|---|---|---|---|---|---|----|----|--|--|--|--|--|---|---|--|--|--|--|
| | | Data Engi neeri ng | | | | | | | | | | | | | | | | | | | |
| Computer Engineering - Mandatory Elective (40 credits) | | | | | | | | | | | | | | | | | | | | | |
| 1 | Nume rical Meth ods | Calc ulus II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | | |
| 2 | Introd uctio n to Electr onics | Physi cs II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | | |
| 3 | Progr ammi ng Matla b | Intro ducti on to Progr ammi ng, Discr ete Math , Prob abilit y and Statis tic | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | | |
| 4 | Discr ete Data | Data Anal ysis, | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------|---|---|---|---|---|---|---|----|----|--|--|--|--|--|--|---|---|--|--|--|--|
| | Processing in Matlab I | Numerical Methods | | | | | | | | | | | | | | | | | | | | |
| 5 | Introduction to Microprocessors | Introduction to Electronics, Computer Organization and Architecture | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | |
| 6 | Software Engineering | Object Oriented Programming, Data Structures and Algorithms II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------------|--|---|---|---|---|---|---|----|----|--|--|--|---|--|---|---|---|--|--|--|--|
| 7 | IoT - smart systems | Introduction to Microprocessors, Object Oriented Programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | |
| 8 | Discrete Data Processing in Matlab II | Discrete Data Processing in Matlab I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | |
| Elective courses (0-20 credits) | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Tech Entrepreneurship | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | | |
| 6 | iOS Program | Mobile App | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|---|---|---|---|---|----|----|--|--|--|---|--|---|---|---|--|--|--|
| | min g | Dev elop men t | | | | | | | | | | | | | | | | | | | |
| 7 | Soft ware Test Auto mati on | Fun dam enta ls of Soft war e Test ing | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | x | | | |
| 8 | Dro nes in envi ron men tal and agric ultur al scie nces | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | |
| 9 | Emb edde d Syst em | Obj ect- orie nted pro gra | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----|--|---|---|---|---|---|---|---|----|----|--|--|--|---|--|---|---|---|--|--|--|--|
| | | mm ing | | | | | | | | | | | | | | | | | | | | |
| 10 | Prog rami ng Lang uage C# | Obj ect Ori ented Pro gra mm ing, Data Stru ctur es and Algo rith ms I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | | |
| 11 | Web Deve lop men t - Djan go | Intr odu ctio n to Pro gra mm ing | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | | |
| 12 | Neur al Net wor ks | Mac hine Lear ning (Dee p | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|----|----------------------------|-------------|---|---|---|---|---|---|----|----|---|---|---|---|--|--|--|--|--|--|--|
| 5 | Calculus II | Calculus I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | |
| 6 | Physics II | Physics 1 | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | |
| 7 | Probability and Statistics | Calculus II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | | |
| 8 | English I | N/A | 5 | 4 | | 4 | 3 | 3 | 62 | 63 | x | | | | | | | | | | |
| 8 | Academic Writing | N/A | 5 | 2 | 1 | 1 | 3 | 3 | 34 | 91 | x | | | | | | | | | | |
| 10 | English II | English I | 5 | 4 | | 4 | 3 | 3 | 62 | 63 | | x | | | | | | | | | |

Elective courses of free study component (0-20 credits)

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|---|---|--|--|--|
| 1 | Course(s) from other undergraduate programs offered at the University | | | | | | | | | | | | | x | | x | x | x | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|---|---|--|--|--|

| | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|
| Total Credits: | | | | | | | | | | | 240 | | | | | | | | | |
|-----------------------|--|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|

Note: From the 6th semester, one must choose one of the three offered elective blocks. The student can obtain the remaining 20 credits: from the remaining elective blocks and/or from the 10 offered elective courses and/or from the offered free elective components (including from other bachelor's programs operating at the university) subject to compliance with the relevant prerequisites. The student can also choose the desired courses of the main field of the bachelor's program in Artificial Intelligence and Data Analytics.

School of Information Technology

Artificial Intelligence and Data Analytics (GEO)

Level of Higher Education - Level I

Qualification to be Awarded – Bachelor of Computer Science

Language of Instruction – Georgian

Number of ECTS credits - 240 ECTS

Programme Prerequisites:

Student enrolment in bachelor's program of Computer Science is carried out in accordance with the rules established by Georgian legislation and is based on the results of the Unified National Examinations. Required:

- Passing the English language and Mathematics or/and Physics components
- In English, more than 50% + 1 point is required

Individuals who have a complete general education qualification are eligible for enrolment in bachelor programs. For foreign students, Alte University has developed a special enrolment procedure that meets international standards for evaluating applicants' academic qualifications.

Programme Objectives

1. Build a Solid Theoretical and Mathematical Foundation

Provide students with in-depth knowledge of core computer science principles—such as algorithms, data structures, and computational logic—along with a strong mathematical background necessary for analytical thinking and problem-solving in AI and data science.

2. Develop Practical Skills and Technical Competence

Equip students with the technical skills and hands-on experience required to design, develop, and deploy intelligent systems and data analytics solutions through coding labs, practical assignments, project-based learning, and access to industry-standard tools and platforms.

3. Foster Specialization and Personalized Learning Paths

Support students in exploring their specific interests within AI and data science, offering a flexible curriculum with electives and guided pathways that allow for focused specialization in areas such as machine learning, data engineering, or AI applications.

4. Promote Ethical, Responsible, and Collaborative Practice

Develop students' understanding of the ethical, legal, and social implications of AI and

data use, while fostering collaborative work environments that enhance communication, leadership, and professional responsibility.

5. Prepare Graduates for Employment and Lifelong Learning

Empower students with the mindset, digital competencies, and adaptability necessary to thrive in the evolving global tech landscape. Graduates will be ready to secure roles in both public and private sectors or to pursue advanced academic studies in fields such as computer science, AI, information technology, or data science.

| Structure of Educational Programme | |
|--------------------------------------|-----------------|
| Mandatory courses | 185 ECTS |
| Elective courses | 55 ECTS |
| Supplementary programme ¹ | - |
| Total | 240 ECTS |

| Programme Learning Outcomes |
|--|
| <u>Knowledge and understanding</u> |
| 1. Explains fundamental concepts in computer science, including programming, algorithms, data structures, and discrete mathematics, and demonstrates an understanding of their application in artificial intelligence and data analysis. |
| 2. Describes mathematical and logical methods, including calculus and discrete mathematics, for analyzing and solving computational problems. |
| 3. Discusses the theoretical foundations and practical applications of artificial intelligence, machine learning, and statistical modeling. |
| <u>Skill</u> |

| |
|---|
| 1. Applies programming languages, data analysis tools, and AI frameworks to design, develop, and evaluate intelligent systems and data-driven decision-making solutions. |
| 2. Processes and analyzes complex datasets to identify meaningful patterns and support decision-making processes. |
| 3. Identifies and solves real-world problems using computational, algorithmic, and data-driven approaches in interdisciplinary contexts. |
| 4. Communicates technical concepts effectively, both orally and in writing, and collaborates within diverse teams to manage and implement AI and data analytics projects. |
| <u>Responsibility and autonomy</u> |
| 1. Demonstrates ethical and socially responsible behavior in data processing, AI system development, and the use of technology across various societal contexts. |
| 2. Engages in independent learning and professional development by staying current with evolving technologies and best practices in AI and data analytics. |
| 3. Exhibits independence and accountability in both individual and collaborative tasks, effectively managing time and resources. |

Fields of employment

Graduates of the **BA in Artificial Intelligence and Data Analytics** are prepared for high-demand roles across a wide range of industries. With skills in machine learning, data analysis, AI system development, and digital innovation, they are equipped to work in both the **private and public sectors**, including tech companies, startups, financial services, healthcare, logistics, and government agencies.

Typical roles include:

- Data Analyst / Data Scientist
- Machine Learning Engineer

- AI Specialist / Research Assistant
- Business Intelligence Analyst
- Computer Vision or NLP Developer
- AI Product Manager
- Data Engineer / Cloud Data Specialist

Additionally, graduates have strong foundations to pursue **advanced studies** in AI, data science, or related fields, and are well-positioned to contribute to research, innovation, or entrepreneurial ventures within the growing **tech and startup ecosystem**.

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/khelovnuri-inteleqti-da-monatsemta-analitika-geo>

| No | Course title | Prerequisite | Credits | Hour | Distribution of Hours | | | | | Semester | | | | | | | | | | | | |
|---|-----------------|--------------|---------|------|-----------------------|----------------|--------------|------------|---------------------|-------------------|---------------|----|-----|----|---|----|-----|------|----|---|----|-----|
| | | | | | Lecture | Practical Work | Midterm Exam | Final Exam | Total Contact Hours | Independent Study | I | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
| | | | | | | | | | | | Contact Hours | | | | | | | | | | | |
| Courses of major study component | | | | | | | | | | | | | | | | | | | | | | |
| Mandatory courses of major study component (135 credits) | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Introduction to | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | x | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---|---|---|---|---|---|----|----|--|---|---|--|--|--|--|--|--|--|--|--|
| | min g | | | | | | | | | | | | | | | | | | | | | |
| 5 | We b Dev elop men t I (Fro ntE nd) | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | x | | | | | | | | | | |
| 6 | Dat a Stru ctur es and Alg orit hms I | Object Oriente d Progra ming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | | |
| 7 | Disc rete Mat h | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | | |
| 8 | Co mpu ter Org aniz atio n and Arc hite | Object- oriende d progra mming, fundam entals of comput er | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----|---------------------------------------|--|---|---|---|---|---|---|----|----|--|--|---|---|--|--|--|--|--|--|--|--|
| | ctur e | archite cture and history of technol ogy | | | | | | | | | | | | | | | | | | | | |
| 9 | We b Develo pmen t II (Jav aScr ipt) | Web Develo pment I (Front End) | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | | |
| 10 | Dat a Stru ctur es and Algorit hms II | Data Stru ctur es and Algorit hms I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | | | |
| 11 | Rela tion al Dat abas es | Linear Algebr a, Discret e Math | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | | | |
| 12 | Fun dam enta | Compu ter Organi | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----|--|--|---|---|---|---|---|---|----|----|--|--|--|---|---|--|--|--|--|--|--|--|
| | ls of systems administration (Windows) | zation and Architecture | | | | | | | | | | | | | | | | | | | | |
| 13 | Fundamentals of Network Communications | Computer Organization and Architecture | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | | | |
| 14 | Instruments of 3D Graphics I | Information technologies | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | | |
| 15 | Theory | Linear Algebr | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----|--|---|---|---|---|---|---|---|----|----|--|--|--|--|---|---|--|--|--|--|--|--|
| | of Compu tatio n | a, Discret e Math, Data Structu res and Algorit hms II | | | | | | | | | | | | | | | | | | | | |
| 16 | NoS QL Dat abas es | Relatio nal Databa ses | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | | |
| 17 | Intr odu ctio n to Cyb erse curit y | Introdu ction to Progra mming, Data Structu res and Algorit hms II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | | |
| 18 | IT Car eer Man age men t | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | | |
| 19 | Dat a Ana lysis | Probab ility and Statisti | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----|--|---|---|---|---|---|---|---|----|----|--|--|--|--|---|---|--|--|--|--|--|--|
| | | cs, Data Structu re and algorit hms II | | | | | | | | | | | | | | | | | | | | |
| 20 | Arti ficus l Intel lige nce | Linear Algebr a, Discret e Math, Data Structu res and Algorit hms II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | x | | | | | | | |
| 21 | Nu meri cal Met hod s | Calcul us II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | | | |
| 22 | Dat a En gin eer ing | Relati onal Databas es | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | | | | | |
| 23 | Ma chi ne Lea rnin g | Artific ial Intelig ence | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | x | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------|--|----|---|---|---|---|---|----|----|--|--|--|--|--|--|--|---|---|--|--|--|--|--|
| 24 | Bachelor Project | Academic Writing | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | | | |
| 25 | Practice | all compulsory courses | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | | | |
| 26 | Bachelor Thesis | all compulsory courses | 10 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | | x | | | | | |
| Artificial Intelligence - Mandatory Elective (35 credits) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Game Development | Object Oriented Programming, Instruments of 3D Graphics II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | | | |
| 2 | Blockchain | Introduction to Cybersecurity, Data Engineering | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | | x | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------|---|---|---|---|---|---|---|----|----|--|--|--|--|--|--|---|---|---|--|--|--|
| 3 | Deep Learning | Machine Learning | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | |
| 4 | Computer Vision | Machine Learning | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | |
| 5 | Human - AI Interaction | Artificial Intelligence | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | |
| 6 | Instruments of 3D Graphics II | Instruments of 3D Graphics I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | |
| 7 | Natural Language Processing | Introduction to programming, Machine Learning | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | | x | | | |

Data Analytics - Mandatory Elective (35 credits)

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------------|--|---|---|---|---|---|---|----|----|--|--|--|--|--|--|---|---|---|--|--|--|--|
| 1 | Graphic Design | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | | |
| 3 | Programming Mat lab | Introduction to Programming, Discrete Math, Probability and Statistics | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | | | | | | |
| 3 | UI/UX Design | Graphic Design | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | | |
| 4 | Cloud Computing | Introduction to Programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | | x | | | | |
| 5 | Discrete Data Processing in Mat lab I | Data Analysis, Numerical Methods | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------------|--------------------------------------|---|---|---|---|---|---|----|----|--|--|--|---|--|---|---|---|--|--|--|--|
| 6 | Applied Data Science | Data analysis, Machine learning | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | |
| 7 | Discrete Data Processing in Matlab II | Discrete Data Processing in Matlab I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | |
| Elective courses (0-20 credits) | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Tech Entrepreneurship | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | | |
| 2 | iOS Programming | Mobile App Development | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | | x | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------------------------|---|---|---|---|---|---|----|----|--|--|--|---|--|---|---|---|--|--|--|--|
| 3 | Software Test Automation | Fundamentals of Software Testing | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | | | | x | x | | | | |
| 4 | Drones in environmental and agricultural sciences | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | | |
| 5 | Embedded System | Object-oriented programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|---|---|---|---|---|---|---|----|----|--|--|--|---|--|---|---|---|--|--|--|--|
| 6 | Programming Language C# | Object Oriented Programming, Data Structures and Algorithms I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | | |
| 7 | Web Development - Django | Introduction to Programming | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | | |
| 8 | Neural Networks | Deep Learning | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------------------|---------------------------------------|---|---|---|---|---|---|----|----|--|--|--|---|--|---|---|---|--|--|--|--|
| 9 | Management of information systems | Network Infrastructure Administration | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | x | x | x | | | | |
|---|-----------------------------------|---------------------------------------|---|---|---|---|---|---|----|----|--|--|--|---|--|---|---|---|--|--|--|--|

Free Study Component (minimum 50 -70 credits)

Mandatory courses of free study component (50 credits)

| | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|------------|---|---|---|---|---|---|----|----|---|---|---|--|--|--|--|--|--|--|--|--|
| 1 | STEM | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | x | | | | | | | | | | | |
| 2 | Calculus I | STEM | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | x | | | | | | | | | | |
| 3 | Physics I | STEM | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | x | | | | | | | | | | |
| 4 | Linear Algebra | N/A | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | x | | | | | | | | | | |
| 5 | Calculus | Calculus I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------|---|---|---|---|---|---|----|----|---|---|---|---|--|---|---|---|--|--|--|--|
| | us II | | | | | | | | | | | | | | | | | | | | | |
| 6 | Ph ysi cs II | Physics I | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | x | | | | | | | | | |
| 7 | Pro bab ilit y and Sta tist ics | Calcul us II | 5 | 3 | 1 | 2 | 3 | 3 | 48 | 77 | | | | x | | | | | | | | |
| 8 | Eng lish I | N/A | 5 | 4 | | 4 | 3 | 3 | 62 | 63 | x | | | | | | | | | | | |
| 8 | Aca dem ic Writ ing | N/A | 5 | 2 | 1 | 1 | 3 | 3 | 34 | 91 | x | | | | | | | | | | | |
| 10 | Eng lish II | English I | 5 | 4 | | 4 | 3 | 3 | 62 | 63 | | x | | | | | | | | | | |
| Elective courses of free study component (0-20 credits) | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Course(s) from other undergraduate programs offered at the university | | | | | | | | | | | | | x | | x | x | x | | | | |

**Total
Credits:**

240

Note: From the 6th semester, one of the two offered elective blocks must be chosen. The remaining 20 credits can be obtained by the student: from the second elective block and/or from the 10 offered elective courses and/or from the offered free elective components (including from other undergraduate programs operating at the university) subject to compliance with the relevant prerequisites. The student can also choose the desired courses of the main field of the Bachelor's program in Computer Science.

School of Information Technology

Artificial Intelligence and Data Analytics (ENG)

Level of Higher Education - Level I

Qualification to be Awarded – Bachelor of Computer Science

Language of Instruction – English

Number of ECTS credits - 240 ECTS

Programme Prerequisites:

Student enrolment in bachelor's program of Computer Science is carried out in accordance with the rules established by Georgian legislation and is based on the results of the Unified National Examinations. Required:

- Passing the English language and Mathematics or/and Physics components
- In English, more than 70% + 1 point is required

Individuals who have a complete general education qualification are eligible for enrolment in bachelor programs. For foreign students, Alte University has developed a special enrolment procedure that meets international standards for evaluating applicants' academic qualifications.

Programme Objectives

Build a Solid Theoretical and Mathematical Foundation

Provide students with in-depth knowledge of core computer science principles—such as algorithms, data structures, and computational logic—along with a strong mathematical background necessary for analytical thinking and problem-solving in AI and data science.

Develop Practical Skills and Technical Competence

Equip students with the technical skills and hands-on experience required to design, develop, and deploy intelligent systems and data analytics solutions through coding labs, practical assignments, project-based learning, and access to industry-standard tools and platforms.

Foster Specialization and Personalized Learning Paths

Support students in exploring their specific interests within AI and data science, offering a flexible curriculum with electives and guided pathways that allow for focused specialization in areas such as machine learning, data engineering, or AI applications.

Promote Ethical, Responsible, and Collaborative Practice

Develop students' understanding of the ethical, legal, and social implications of AI and data use, while fostering collaborative work environments that enhance communication, leadership, and professional responsibility.

Prepare Graduates for Employment and Lifelong Learning

Empower students with the mindset, digital competencies, and adaptability necessary to thrive in the evolving global tech landscape. Graduates will be ready to secure roles in both public and private sectors or to pursue advanced academic studies in fields such as computer science, AI, information technology, or data science.

Structure of Educational Programme

| | |
|--------------------------------------|-----------------|
| Mandatory courses | 185 ECTS |
| Elective courses | 55 ECTS |
| Supplementary programme ¹ | - |
| Total | 240 ECTS |

Programme Learning Outcomes

Knowledge and understanding

Explains fundamental concepts in computer science, including programming, algorithms, data structures, and discrete mathematics, and demonstrates an understanding of their application in artificial intelligence and data analysis.

Describes mathematical and logical methods, including calculus and discrete mathematics, for analyzing and solving computational problems.

Discusses the theoretical foundations and practical applications of artificial intelligence, machine learning, and statistical modeling.

Skill

Applies programming languages, data analysis tools, and AI frameworks to design, develop, and evaluate intelligent systems and data-driven decision-making solutions.

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| Processes and analyzes complex datasets to identify meaningful patterns and support decision-making processes. |
| Identifies and solves real-world problems using computational, algorithmic, and data-driven approaches in interdisciplinary contexts. |
| Communicates technical concepts effectively, both orally and in writing, and collaborates within diverse teams to manage and implement AI and data analytics projects. |
| <u>Responsibility and autonomy</u> |
| Demonstrates ethical and socially responsible behavior in data processing, AI system development, and the use of technology across various societal contexts. |
| Engages in independent learning and professional development by staying current with evolving technologies and best practices in AI and data analytics. |
| Exhibits independence and accountability in both individual and collaborative tasks, effectively managing time and resources. |

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| Fields of employment |
| <p>Graduates of the BA in Artificial Intelligence and Data Analytics are prepared for high-demand roles across a wide range of industries. With skills in machine learning, data analysis, AI system development, and digital innovation, they are equipped to work in both the private and public sectors, including tech companies, startups, financial services, healthcare, logistics, and government agencies.</p> <p>Typical roles include:</p> <ul style="list-style-type: none"> • Data Analyst / Data Scientist • Machine Learning Engineer • AI Specialist / Research Assistant • Business Intelligence Analyst • Computer Vision or NLP Developer • AI Product Manager • Data Engineer / Cloud Data Specialist |

Additionally, graduates have strong foundations to pursue **advanced studies** in AI, data science, or related fields, and are well-positioned to contribute to research, innovation, or entrepreneurial ventures within the growing **tech and startup ecosystem**.

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/en/artificial-intelligence-and-data-analytics-eng>

| No | Course title | Prerequisite | Credits | Hour | Distribution of Hours | | | | | | | Semester | | | | | | | | | | | |
|---|---|--------------|---------|------|-----------------------|----------------|--------------|--------------------|------------|---------------|-------------------------|----------|----|------|-----|---|-----|------|-------|-----|---|-----|------|
| | | | | | Contact Hours | | | | | | Independent Study Hours | I | II | II I | I V | V | V I | VI I | VII I | I X | X | X I | X II |
| | | | | | Lecture | Practical Work | Midterm Exam | Essay/Presentation | Final Exam | Total Contact | | | | | | | | | | | | | |
| Courses of major study component | | | | | | | | | | | | | | | | | | | | | | | |
| Mandatory courses of major study component (135 credits) | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Introduction to Programming | N/A | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | x | | | | | | | | | | | |
| 2 | Fundamental of Computer Architecture and Technology History | N/A | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | x | | | | | | | | | | | |
| 3 | Information Technologies | N/A | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | x | | | | | | | | | | | |

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|---|-------------------------------|--|----|---|---|---|---|--|---|----|----|--|--|--|---|---|--|---|---|--|--|
| | | and Algorithms II | | | | | | | | | | | | | | | | | | | |
| 16 | NoSQL Databases | Relational Databases | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | | | | x | | | | | | |
| 17 | Introduction to Cybersecurity | Introduction to Programming, Data Structures and Algorithms II | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | | | | x | | | | | | |
| 18 | IT Career Management | N/A | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | | | | x | | | | | | |
| 19 | Data Analysis | Probability and Statistics, Data Structure and algorithms II | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | | | | | x | | | | | |
| 20 | Artificial Intelligence | Linear Algebra, Discrete Math, Data Structures and Algorithms II | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | | | | x | | | | | | |
| 21 | Numerical Methods | Calculus II | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | | | | | x | | | | | |
| 21 | Data Engineering | Relational Databases | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | | | | | | | | | | |
| 22 | Machine Learning | Artificial Intelligence | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | | | | | x | | | | | |
| 23 | Bachelor Project | Academic Writing | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | | | | | | | x | | | |
| 24 | Practice | all compulsory courses | 5 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | | | | | | | x | | | |
| 25 | Bachelor Thesis | all compulsory courses | 10 | 3 | 1 | 2 | 3 | | 3 | 48 | 77 | | | | | | | | x | | |
| Artificial Intelligence - Mandatory Elective (35 credits) | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------|---|---|---|---|---|---|---|---------------------------|---|---|--|---|--|---|---|---|--|--|
| 3 | English I | N/A | 5 | 4 | 4 | 3 | 3 | 6 | 2 | 63 | x | | | | | | | | | |
| 4 | English II | English I | 5 | 4 | 4 | 3 | 3 | 6 | 2 | 63 | | x | | | | | | | | |
| Elective courses of free study component (0-20 credits) | | | | | | | | | | | | | | | | | | | | |
| 1 | Course(s) from other undergraduate programs offered at the university | | | | | | | | | | | | | x | | x | x | x | | |
| | | | | | | | | | | Total Credits: 240 | | | | | | | | | | |
| <p>Note: From the 6th semester, one of the two offered elective blocks must be chosen. The remaining 20 credits can be obtained by the student: from the second elective block and/or from the 10 offered elective courses and/or from the offered free elective components (including from other undergraduate programs operating at the university) subject to compliance with the relevant prerequisites. The student can also choose the desired courses of the main field of the Bachelor's program in Computer Science. In the foreign language component, students have the opportunity to choose a mandatory elective course or courses in either Georgian or English. If a student presents a certificate confirming English language proficiency at the B2 level or higher, they are allowed to take only Georgian language courses.</p> | | | | | | | | | | | | | | | | | | | | |

Master's Degree Programmes

School of Law and Social Sciences

Law

Level of Higher Education - Level II

Qualification to be Awarded – Master of Law

Language of Instruction – Georgian

Number of ECTS credits - 120 ECTS

Programme Prerequisites:

On the basis of passing the general master's exams with a positive result and passing the university exams - in law and English (level B2) - for a citizen of Georgia with a Bachelor of Law or an equivalent academic degree.

Without passing the general master's exams, on the basis of the legislation of Georgia (see <https://mes.gov.ge/content.php?id=6772&lang=geo>).

A master's student who is enrolled in the program by transfer from another higher education institution or by internal mobility, in accordance with the legislation of Georgia and university regulations, is also entitled to study on the program.

Programme Objectives

To give the student a modern legal education and to acquire a deep and systematic knowledge of the field of law based on the comparison of legal systems.

To develop the ability to effectively use the acquired knowledge in practical activities and to solve legal problems originally by balancing legal problems.

To develop the ability to analyze legislative innovations, modern court practice, and scientific innovations, and rationally conduct legal activities.

To develop the ability to independently plan and implement scientific research.

To develop the ability to share one's own legal opinions and arguments with academic and professional society taking into account ethical standards.

For the student to understand the importance of legal values in the litigation process.

For the student to independently lead the process of further improvement of knowledge and skills.

Structure of Educational Programme

| | |
|--------------------------------------|-----------------|
| Mandatory courses | 90 ECTS |
| Elective courses | 30 ECTS |
| Supplementary programme ¹ | - |
| Total | 120 ECTS |

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| Programme Learning Outcomes | |
| <u>Knowledge and understanding</u> | |
| Defines the current state of Georgian and foreign law, development trends, and perspective, determines the relationship between national and international law, and the influence of European law on Georgian legislation. | |
| <u>Skill</u> | |
| Determines the ethical standards of the professional activity of the judge and recognizes the importance of their protection in the process of the administration of justice. | |
| Develops original approaches to solving complex problems in jurisprudence and legislation through critical analysis and evaluation of independently searched current scientific literature, legislative, and practice news. | |
| Using modern methods of scientific research and a strategic approach, observing the standards of academic writing, independently investigates current problems of law. | |
| Ethical results of research based on innovative synthesis of the latest information and reasoned conclusions are shared with the scientific and professional community in compliance with the principles of academic ethics. | |
| In order to solve non-standard legal situations, interprets legal norms based on a comparative analysis of national and international law, taking into account the experience of solving practical problems. | |
| Conducts development-oriented activities and independently acquires the latest achievements in legal science and practice. | |
| <u>Responsibility and autonomy</u> | |
| Using modern strategic approaches directs the activities of the members of the working group and, if necessary, takes care of the development of their academic and practical abilities. | |

Considers legal values and the importance of principles to ensure the balance between the interests of the parties and between freedom and responsibility.

Fields of employment

A graduate of the Master of Laws educational program will have the opportunity to work in any position that requires an academic degree of Master of Laws and it is not necessary to pass the state certification exam. Graduates will be able to carry out professional activities in both private and public institutions.

The main areas of professional activity of the Master of Laws and his/her official status are determined by the legislation of Georgia.

The Master is prepared to carry out high-ranking legal practice in the field of law and to continue scientific work.

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/samartlis-samagistro>

| No. | Name of the training course | Prerequisite | Credit | Clock | Distribution of hours | | | | | | | | Academic semester | | | |
|--|---|--------------|--------|-------|-----------------------|----------------------------|----------------|--------------|--------------------------|------------|-----------------------|---------------------------|-------------------|----|-----|----|
| | | | | | Contact hours | | | | | | | Independent working hours | I | II | III | IV |
| | | | | | Lecture | Working in a working group | Practical work | Midterm exam | Abstract/Presentation/Ot | Final exam | Contact hours (total) | | | | | |
| 1. Compulsory courses in the main field of study (30 credits) | | | | | | | | | | | | | | | | |
| 1 | Academic Writing and Scientific Research Methods | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | X | | | |
| 2 | Comparative constitutionalism | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | X | | | |
| 3 | Europeanization and internationalization of private law | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | X | | | |
| 4 | Trends and prospects for the development of | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | X | | | |

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|--|--|---|---|-----|----|----|--|---|---|---|----|-----|---|---|--|--|
| | European criminal law | | | | | | | | | | | | | | | |
| 5 | Judicial ethics | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | X | | | |
| 2. Elective courses in the main field of study (30 credits) | | | | | | | | | | | | | | | | |
| Public law | | | | | | | | | | | | | | | | |
| 1 | Litigation in International Human Rights Law | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 2 | Litigation in International Human Rights Law | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 3 | Comparative Administrative Law | - | 6 | 150 | 26 | 13 | | 2 | | 2 | 43 | 107 | | X | | |
| 4 | National Security Law | - | 5 | 125 | 13 | 13 | | 2 | 3 | 2 | 33 | 92 | | X | | |
| 5 | Refugee law | - | 5 | 125 | 13 | 13 | | 2 | 3 | 2 | 33 | 92 | | X | | |
| 6 | Public Service and Professional Ethics | - | 5 | 125 | 13 | 13 | | 2 | | 2 | 30 | 95 | | X | | |
| 7 | Domestic and international guarantees for the protection and processing of personal data | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|---|---|-----|----|----|--|---|---|---|----|-----|--|---|--|--|
| 8 | Contemporary challenges in enforcement law in Georgia and abroad | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 9 | Practical application of international humanitarian law | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 10 | The Practical Application of International Humanitarian Law | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| Private law | | | | | | | | | | | | | | | | |
| 11 | Conflict of Laws and International Civil Procedure Law | - | 5 | 125 | 14 | 13 | | 2 | | 2 | 31 | 94 | | X | | |
| 12 | Labor law of Georgia and foreign countries | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 13 | Comparative civil process | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 14 | Negotiation and mediation | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 15 | Comparative Corporate Law | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 16 | Insolvency proceedings and | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |

| | | | | | | | | | | | | | | | | |
|----|--|---|---|-----|----|----|--|---|---|---|----|-----|--|---|--|--|
| | their practical aspects | | | | | | | | | | | | | | | |
| 17 | Analysis of the judicial practice of commercial disputes | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 18 | Legal regulation of the EU internal market | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| | Criminal law | | | | | | | | | | | | | | | |
| 19 | Comparative criminal justice process | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 20 | Decision-making methodology and standards of justification in the criminal justice process | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 21 | Human rights standards in criminal justice | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 22 | Corruption crime and the specifics of its investigation | - | 5 | 125 | 13 | 13 | | 3 | 3 | 2 | 34 | 91 | | X | | |
| 23 | Jury Institute | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |

| | | | | | | | | | | | | | | | | |
|--|--|---------|----|-----|----|----|--|---|---|---|-----|-----|------------|---|---|---|
| 24 | Prosecutorial law | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 25 | Juvenile Justice | - | 6 | 150 | 26 | 13 | | 2 | 3 | 2 | 46 | 104 | | X | | |
| 26 | Covert investigative actions in criminal proceedings | - | 5 | 125 | 13 | 13 | | 2 | 3 | 2 | 33 | 92 | | X | | |
| 3. Mandatory scientific-research and practical component (60 credits) | | | | | | | | | | | | | | | | |
| 1 | Practice | 1.1-1.5 | 30 | 750 | | | | | | | 668 | 82 | | | X | |
| 2 | Master's thesis | 3.1 | 30 | 750 | | | | | | | 51 | 699 | | | | X |
| Total credits: | | | | | | | | | | | | | 120 | | | |
| <p>Note: Elective courses are selected according to the curriculum of the master's program in order to form an individual profile, in the second semester of study.</p> | | | | | | | | | | | | | | | | |

School of Law and Social Sciences

National and International Security

Level of Higher Education - Level II

Qualification to be Awarded – Master of Security Studies

Language of Instruction – Georgian

Number of ECTS credits - 120 ECTS

Programme Prerequisites:

A person with a bachelor's degree or equivalent academic degree who:

1. Overcomes the threshold at the common master's exams;
2. Successfully passes the internal university exam in the specialty;
3. Successfully passes the intra-university interview (justifies the motivation needed to continue studying at the program);
4. Possesses the English language at the B2 level (proved by the results of an internal university exam in English or by an international certificate confirming the appropriate level of proficiency).

The right to study in the program is granted to a bachelor or a person with an equivalent academic degree who obtains the right to study without an exam in accordance with the rules established by the legislation of Georgia and:

1. Successfully passes the intra-university interview (proving having the necessary skills to continue studying in the program);
2. Master the English language at the B2 level (confirmed by the results of an interview in English or by an international certificate confirming possession of the appropriate level).

The right to study in the program is also available to a master's student enrolled after transferring from another higher educational institution by the Georgian legislation and university regulations.

The right to study in the program is also available to a master's student, who is enrolled after transferring from another higher education institution following the Georgian legislation and university regulation.

Programme Objectives

1. Through the use of traditional and innovative teaching methods, preparation of highly qualified, competitive personnel in the field of security corresponding to the requirements of the labor market;
2. Students should study fundamental issues related to national and international security and acquire practical skills for activities in the field;
3. Through a holistic and multi-sectoral approach to teaching, students should define and analyze the most important components of national security policy creation and production;
4. Students should understand the role of the security sector in the state management system;
5. Students should understand and study the formal and substantive components of the decision-making process in the field of security, system management links, and fundamental documents;
6. Students should develop strategic thinking;
7. Students should define and analyze the traditional and modern risks and threats facing the national and international security system and understand the mechanisms of risk management and coping with challenges;
8. Students should be able to evaluate and analyze the security environment of Georgia;
9. Students should understand the importance of protecting and respecting ethical standards, accountability, and responsibility in the decision-making process.

Structure of Educational Program

| | |
|--------------------------------------|-----------------|
| Mandatory courses | 108 ECTS |
| Elective courses | 12 ECTS |
| Supplementary programme ¹ | - |
| Total | 120 ECTS |

Programme Learning Outcomes

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| <p>1. Taking into account the modern achievements in the field of security, critically considers the components of national and international security and the role of the security sector in the state management mechanism, describes the security environment of Georgia, outlines and presents the main threats facing the state in a global context, which is a prerequisite for the formation and development of original ideas and approaches.</p> |
| <p>2. Identifies complex problems in the field of national and international security, defines policy goals, classifies evaluation criteria, names alternatives, describes them, forecasts, and evaluates results.</p> |
| <p>3. In a critical and foreign environment, develops alternative solutions and selects the optimal option from them.</p> |
| <p>4. Critically analyzes relevant information from traditional and modern sources to solve problematic issues in the field of national and international security, adhering to the best standards of academic integrity and using modern research tools.</p> |
| <p>5. Based on the complex analysis, determines the factors influencing the national and international security sector and, grounded by relevant arguments, makes valid conclusions by comparing and evaluating information.</p> |
| <p>6. Adheres to the fundamental principles of accountability, social responsibility, and ethical value standards.</p> |
| <p>7. In the academic and professional environment, clearly establishes own, well-structured position, including in spontaneous situations, with a sense of responsibility for own opinion and respect for other's opinions.</p> |
| <p>8. In order to solve a difficult task, using modern strategic approaches, leads the working group, supervises the activities of the group members and takes care of the development of their academic abilities.</p> |
| <p>9. Improves his/her knowledge independently and promotes the development of professional activities in the field of national and international security with recommendations and initiatives.</p> |

Fields of employment

Graduates of the master's program "National and International Security" will be able to carry out professional activities in both private and public organizations working in the field of security

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/erovnuli-da-saertashoriso-usaftrkhoebis>

| # | Name of the training component | Prerequisite | Credit | Hour | Distribution of hours | | | | | | | Academic semester | | | |
|--|---|--------------|--------|------|-----------------------|--------|--------------|-----------------------|------------|---------------|----------------------------|-------------------|----|-----|----|
| | | | | | Contact hours | | | | | | Hours for independent work | I | II | III | IV |
| | | | | | Lecture | Gr. W. | Midterm exam | Abstract/Presentation | Final exam | Contact hours | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1. Mandatory components (108 credits) | | | | | | | | | | | | | | | |
| 1.1 | Introduction to Security Studies | | 6 | 150 | 30 | 15 | 3 | 4 | 0 | 52 | 98 | X | | | |
| 1.2 | National security architecture | | 6 | 150 | 30 | 15 | 2 | 3 | 2 | 52 | 98 | X | | | |
| 1.3 | International Security Law | | 6 | 150 | 30 | 15 | 3 | 4 | 3 | 55 | 95 | X | | | |
| 1.4 | Ethics and international relations | | 3 | 75 | 16 | 8 | 2 | 4 | 2 | 32 | 43 | X | | | |
| 1.5 | Academic writing and scientific research methods | | 6 | 150 | 22 | 20 | 2 | 6 | 2 | 52 | 98 | X | | | |
| 1.6 | Intelligence and counterintelligence (in English) | | 6 | 150 | 30 | 15 | 3 | | 3 | 55 | 95 | | X | | |
| 1.7 | Economic thinking | | 5 | 125 | 29 | 16 | 2 | 5 | 2 | 56 | 71 | | X | | |
| 1.8 | National defense of Georgia and foreign security policy | | 5 | 125 | 30 | 15 | 2 | 4 | 0 | 51 | 74 | | X | | |
| 1.9 | Conflicts and the Theory of War | | 5 | 125 | 30 | 15 | 1 | 6 | 3 | 55 | 70 | | X | | |
| 1.10. | Economics of defense and security | | 6 | 150 | 15 | 30 | 2 | 6 | 3 | 54 | 96 | | | X | |
| 1.11 | Euro-Atlantic Security System | | 5 | 125 | 30 | 15 | 1 | 6 | 3 | 55 | 70 | | | X | |
| 1.12 | Russian occupation 1801-2019 | | 5 | 125 | 15 | 30 | 2 | 6 | 3 | 56 | 69 | | | X | |
| 1.13 | Russian hybrid wars | | 5 | 125 | 15 | 30 | 1 | 6 | 3 | 55 | 70 | | | X | |
| 1.14 | Terrorism and counter-terrorism | | 6 | 150 | 15 | 30 | | | | | | | | X | |
| 1.15 | Practice | 1.1-1.13 | 6 | 150 | | | | | | 124 | 26 | | | | X |
| 1.16 | Master's thesis | 1.1-1.13 | 27 | 675 | | | | | | 127 | 548 | | | | X |

| 2. Elective components (12 credits) | | | | | | | | | | | | | | | |
|---|---|--|---|-----|----|----|---|---|---|----|----|------------|----|----|----|
| 2.1 | Georgia's security policy in the regional context | | 3 | 75 | 16 | 8 | 2 | 4 | 2 | 32 | 43 | | X | | |
| 2.2 | US foreign policy | | 3 | 75 | 16 | 8 | 2 | 3 | 2 | 31 | 44 | | X | | |
| 2.3 | Cold War | | 3 | 75 | 16 | 8 | 1 | 6 | 3 | 34 | 41 | | X | | |
| 2.4 | The art of negotiation | | 3 | 75 | 8 | 16 | 2 | | 2 | 28 | 47 | | X | | |
| 2.5 | International aspects of Cyber Policy (in English) | | 3 | 75 | 8 | 8 | 2 | | 2 | 20 | 55 | | X | | |
| 2.6 | Strategic development, security, business (in English) | | 6 | 150 | 30 | 15 | 3 | 5 | 3 | 56 | 94 | | X | | |
| 2.7 | World order | | 3 | 75 | 16 | 8 | 2 | 6 | 3 | 35 | 40 | | | X | |
| 2.8 | Governments and Politics of the Middle East (in English) | | 3 | 75 | 16 | 8 | 2 | | 2 | 28 | 47 | | | X | |
| 2.9 | Strategic Communications (in English) | | 3 | 75 | 8 | 8 | 2 | 5 | 2 | 25 | 50 | | | X | |
| 2.1 | Russian Information War and Security (in English) | | 3 | 75 | 8 | 8 | 2 | 5 | 4 | 25 | 50 | | | X | |
| 2.11 | US national security policy and the use of military force | | 6 | 150 | 30 | 15 | 3 | 5 | 3 | 56 | 94 | | | X | |
| Credits by semester: | | | | | | | | | | | | 27 | 30 | 30 | 33 |
| Total credits: | | | | | | | | | | | | 120 | | | |
| <p>Note:</p> <p>1. Both mandatory and optional training courses of the program are carried out intensively - for a maximum of 6, for a minimum of 4 weeks;</p> <p>2. 675 hours of master's thesis includes 121 hours of contact consultation and 6 hours of defense, as well as 548 hours of independent work.</p> <p>3. 150 hours of practice includes 124 contact hours (including 4 hours for defense), as well as 26 hours of independent work.</p> | | | | | | | | | | | | | | | |

School of Business

Business Administration

Level of Higher Education - Level II

Qualification to be Awarded – Master of Business Administration

Language of Instruction – Georgian

Number of ECTS credits - 120 ECTS

Programme Prerequisites:

The following have the right to study in the program: A bachelor or a person with an equivalent academic degree, who is enrolled on the basis of the results of common master's exams and has English language skills (at B2 level), which is confirmed by the results of the English language exam/certificate confirming the corresponding level has the right to study in this program. Completing the English-language bachelor's, master's, or doctoral program. An applicant has also to pass the internal university exam in the field. During admission, preference will be given to candidates with managerial work experience; A bachelor or a person with an equivalent academic degree, without passing the common master's exams, based on the legislation of Georgia (see - <https://mes.gov.ge/content.php?id=6772&lang=geo>)

The right to study in the program is given to the students enrolled through the mobility method following the order of the Minister of Education and Science of Georgia No. 10/N, 2010 "On approval of the procedure for transferring from a higher educational institution to another higher educational institution" and the internal regulations of Alte University LLC.

Programme Objectives

Objective N1: After completing the program, the graduate has a deep and systematic knowledge of the local and international business environment, business functioning, strategic development and modern methods, tools, technologies, and innovations of effective management.

Objective N2: The graduate can identify and analyze challenges, and problems related to business operations and its sustainable development, and present business models for their solution to various stakeholders.

Objective N3: The graduate independently conducts research under existing norms and principles in business administration and determines the needs of the personal and professional development of others.

Structure of Educational Program

| | |
|-------------------|----------|
| Mandatory courses | 102 ECTS |
|-------------------|----------|

| | |
|--------------------------------------|-----------------|
| Elective courses | 18 ECTS |
| Supplementary programme ¹ | |
| Total | 120 ECTS |

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|--|
| Programme Learning Outcomes |
| <u>Knowledge and understanding</u> |
| 1. <i>Discusses and analyzes</i> theories related to business management at the local and international level; Concepts, approaches and strategic decision-making models based on the nearest, innovations and technologies. |
| <u>Skill</u> |
| 2. <i>Evaluates</i> problems, challenges related to business activity and its development and <i>presents (in writing and/or orally)</i> alternative ways of solving them to various interested parties in a multidisciplinary/functional perspective. |
| 3. <i>Connects</i> innovative and/or technology-based business models and strategies. |
| 4. <i>Plans</i> work/projects related to business administration and <i>develops</i> financial, marketing, and operational strategies of business and sustainable development plans. |
| 5. <i>Evaluates</i> entrepreneurial and business activities, the local and international business environment, and <i>presents proposals</i> considering current trends in the business environment. |
| 6. <i>Discusses</i> and <i>substantiates</i> issues belonging to the field of business administration, challenges and opportunities in the business sector. |
| 7. <i>Formulates</i> and <i>presents</i> conclusions and recommendations related to business administration, considering the principles of business ethics. |
| <u>Responsibility and autonomy</u> |
| 8. <i>Conducts</i> research on matters in the field of business administration in compliance with the principles and standards of academic integrity. |
| 9. <i>Evaluates</i> own and others' professional development opportunities and determines further development needs. |

Fields of employment

Commercial organizations of various organizational and legal forms of any sector of the economy, non-profit organizations and associations, international organizations, transnational corporations and their branches; the knowledge gained during the study period will allow the masters of business administration to successfully work as middle and upper-level managers, experts and create and develop their own business

Additional information

For detailed information about the educational program, please, visit the following link - <https://alte.edu.ge/ka/biznesis-administrirbis-mba>

| № | Course title | Course Code | Prerequisite | Credits | Hour | Distribution of Hours | | | | | | | Semester | | | | |
|---|--|-------------|--------------|---------|------|-----------------------|------------|----------------|--------------|----------------------|------------|-------------------------|----------|----|-----|----|---------------------|
| | | | | | | Contact Hours | | | | | | Independent Study Hours | I | II | III | IV | |
| | | | | | | Lecture | Group Work | Practical Work | Midterm Exam | Essay/Presentation/O | Final Exam | | | | | | Total Contact Hours |
| Mandatory courses of major study component | | | | | | | | | | | | | | | | | |
| 1 | Statistics and Data Analysis | | | | | 6 | 150 | 13 | 26 | | 2 | 2 | 2 | 43 | 107 | X | |
| 2 | Financial Accounting and Reporting | | | | | 6 | 150 | 13 | 26 | | 2 | | 3 | 44 | 106 | X | |
| 3 | Organizational Behavior and Management | | | | | 6 | 150 | 13 | 26 | | 2 | 2 | 2 | 43 | 107 | X | |
| 4 | Marketing Management | | | | | 6 | 150 | 13 | 26 | | 2 | 2 | 2 | 43 | 107 | X | |
| 5 | Managerial Economics | | | | | 6 | 150 | 13 | 26 | | 2 | 4 | 2 | 43 | 107 | X | |
| 6 | Macroeconomics for Business | | | | | 6 | 150 | 13 | 13 | | 2 | 2 | 2 | 30 | 120 | | X |

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|---|--|--|------------------------------------|----|-----|----|----|--|---|---|---|-----|-----|--|---|---|---|
| 7 | Operations Management and New Technologies | | | 6 | 150 | 13 | 26 | | 2 | 3 | 3 | 44 | 106 | | X | | |
| 8 | Corporate Finance | | Financial Accounting and Reporting | 6 | 150 | 13 | 26 | | 2 | 4 | 2 | 43 | 107 | | X | | |
| 9 | Leadership Skills | | | 6 | 150 | 13 | 26 | | 2 | | 3 | 44 | 106 | | X | | |
| 10 | Sustainable Entrepreneurship | | | 6 | 150 | 13 | 26 | | 2 | 3 | 3 | 44 | 106 | | X | | |
| 11 | Strategic Management | | | 6 | 150 | 13 | 26 | | 3 | | 3 | 45 | 105 | | | X | |
| 12 | Business Law | | | 6 | 150 | 13 | 26 | | 2 | 2 | 3 | 44 | 106 | | | X | |
| 13 | Project Management | | | 6 | 150 | 13 | 26 | | 2 | 4 | 2 | 43 | 107 | | | X | |
| 14 | Research Methods | | Statistics and Data Analysis | 6 | 150 | 13 | 26 | | 2 | 4 | 3 | 44 | 106 | | | X | |
| 15 | Elective | | | | | | | | | | | | | | | | |
| 16 | Master's Thesis (18 credits) | | | 18 | 450 | | | | | | | 125 | 325 | | | | X |
| 17 | elective | | | | | | | | | | | | | | | | X |
| 18 | elective | | | | | | | | | | | | | | | | X |
| Elective courses of major study component (minimum 18 credits) | | | | | | | | | | | | | | | | | |
| | Marketing Technologies and Innovations | | Marketing Management | 6 | 150 | 13 | 26 | | 2 | 4 | 2 | 43 | 107 | | | X | X |

| | | | | | | | | | | | | | | | | | |
|--|--|---|---|-----|----|----|--|--|---|---|---|----|-----------------------|--|------------|---|---|
| Archetypal Branding (Brand Management) | | Marketing Management | 6 | 150 | 13 | 26 | | | 2 | 2 | 3 | 44 | 106 | | | X | X |
| Social Media Marketing | | Marketing Management | 6 | 150 | 13 | 26 | | | 2 | 4 | 2 | 43 | 107 | | | X | X |
| Consumer Behavior | | Marketing Management | 6 | 150 | 13 | 26 | | | 2 | 2 | 3 | 44 | 106 | | | X | X |
| Logistics and Supply Chain Management | | Operations Management and New Technologies | 6 | 150 | 13 | 13 | | | 2 | 2 | 3 | 31 | 119 | | | x | x |
| Strategic Talent Management | | Organizational Behavior | 6 | 150 | 13 | 26 | | | 2 | | 3 | 44 | 106 | | | x | x |
| Integrated Case Analysis in Business | | Corporate Finance, Marketing Management, Operations Management and New Technologies | 6 | 150 | 13 | 26 | | | 2 | 4 | 2 | 43 | 107 | | | x | x |
| Managerial Accounting | | Financial Accounting | 6 | 150 | 13 | 26 | | | 2 | | 3 | 44 | 106 | | | x | x |
| Investment Management | | Corporate Finance | 6 | 150 | 13 | 26 | | | 2 | 3 | 3 | 44 | 106 | | | x | x |
| Capital Markets and Financial Institutions | | Corporate Finance | 6 | 150 | 13 | 26 | | | 2 | 2 | 2 | 43 | 107 | | | x | x |
| Negotiation Management | | Marketing Management | 6 | 150 | 13 | 26 | | | 2 | 2 | 2 | 43 | 107 | | | x | x |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Total Credits: | | 180 | | |

Note: As part of Elective courses of free study component, students can elect courses either from the offerings of this program or from any similar level programme available at the university. Respective prerequisites have to be obtained.

One-cycle Degree Programmes

International School of Medicine

Medicine (GEO)

Level of Higher Education - One-Cycle (Equal to level 2)

Qualification to be Awarded – Medical Doctor

Language of Instruction – Georgian

Number of ECTS credits - 360 ECTS

Programme Prerequisites:

The following have the right to study on the program: A citizen of Georgia with complete general or equivalent education - Based on the results of the unified national exams (As a result of the unified national exams, the student must confirm the knowledge of the English language at the B1 level and pass the minimum threshold both in the compulsory subjects and in one of the three optional subjects (chemistry, physics, mathematics). After enrollment, students will undergo an additional language proficiency test); A citizen of Georgia/a foreign country with complete general or equivalent education - Without passing unified national exams, based on Georgian legislation (see <https://mes.gov.ge/content.php?id=6772&lang=geo>) A student (single-level or bachelor's program) who is enrolled in the program by transferring from another higher education institution or through internal mobility, in accordance with the legislation of Georgia and university regulations, has the right to study in the program.

Additional requirements: the intra-university prerequisite for admission to the program is the language competency test.

Programme Objectives

MD program to prepare's qualified, certifies doctors relevant to the international standards and competitive at the labor market, who understands the core values of the doctor (source - <https://physiciansfoundation.org/about/core-values/>), meets the requirement of the World Federation for Medical Education (WFME).

The programme objective is to ensure the graduates are able:

1. Knowledge Acquisition: To achieve comprehensive and up-to-date knowledge in basic biomedical, behavioral, clinical, and social sciences, ensuring a strong foundation for medical practice.
2. Skills Development: To develop clinical, analytical, and research competencies in medical and social sciences relevant to the level of education.
3. Lifelong Learning: To foster readiness and motivation for continuous learning and professional growth.

4. Public Health and Community Engagement: To participate and collaborate in improving public health through patient- and population-centered care, education, research, and community services, in accordance with current professional, ethical, and legal standards. Achievement is proved with using innovative assessment methods.

| Structure of Educational Programme | |
|--------------------------------------|-----------------|
| Mandatory courses | 333 ECTS |
| Elective courses | 27 ECTS |
| Supplementary programme ¹ | |
| Total | 360 ECTS |

| Programme Learning Outcomes |
|--|
| Interprets systematically the fundamental issues of biomedical, behavioral, social, and clinical sciences during a clinical problem. |
| Based on the analysis of information (anamnesis) collected through effective communication in the medical environment, gives advice to the patient/patient's relatives, communicates with colleagues and the public adhering to ethical and legal principles. |
| Makes the final diagnosis and discusses the disease management plan by conducting a physical evaluation, identifying the complexity of the clinical manifestation of the disease, scheduling appropriate appointments and conducting a differentiated diagnosis. |
| Provides first aid in accordance with age peculiarities, conducts BLS and ACLS according to age peculiarities and in accordance with guidelines. |
| Evaluates and selects an optimal disease management plan that includes both pharmacological therapy and proven, evidence-based non-pharmacological interventions (dietary and lifestyle modifications), taking into account their compatibility, potential adverse effects, and the patient's age-related characteristics. |
| Carries out mandatory medical practical procedures independently on the simulator or on the patient (under supervision), taking into account safety, adhering to ethical-legal principles. |
| Effectively solves clinical problems and makes decisions in critical situations, works effectively as a team member as well as a leader.. |

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|---|
| Conducts medical activities in a multicultural society using ethical and legal principles, adheres to the current norms of Georgian and international law. |
| Manages acute and chronic diseases, pain and distress, taking into account the patient's age, disease type, and psychological and social aspects. |
| Searches medical literature based on the principles of evidence-based medicine, draws conclusions based on critical analysis and evaluation, taking into account academic honesty and ethical context. |
| Effectively applies digital technologies and information systems in clinical decision-making, medical documentation, and communication with patients, including through telemedicine and remote consultation platforms, while maintaining confidentiality, protecting personal data, and complying with applicable legal requirements. |
| Designs and conducts biomedical / health sciences research in accordance with biomedical principles and contemporary medical advances, and analyses the obtained results based on a pre-established plan. |
| Updates knowledge lifelong and adapts to new environments by considering the role of physician in the healthcare sector. |
| Analyses and manages complex information to support public health and disease prevention, promotes the development of healthy behaviours and lifestyles at both individual and population levels, and demonstrates knowledge of the physician's role, authority, and responsibilities in public health and within the health care system. |
| To promote a healthy and employable population, performs duties with high professionalism and, in an interdisciplinary and multicultural environment, adheres to ethical norms, provides quality medical services from the position of a leader with decision-making ability. |

Fields of employment

Medical activity as a junior doctor. The junior doctor performs the function of a doctor under the supervision and responsibility of a person granted the right to independent medical practice. (Law of Georgia on Medical Practice, June 8, 2001, Article 5). Implements Pedagogical and scientific activities.

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/meditsina-qartulenovani-2>

| # | Studying components | Prerequisite | EST | Hours | | | | | | | | | | | | I | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII | |
|----|---------------------------------|--------------|-----|-------|-----|----|----|----|----|----|----|---|---|-----|-----|---|----|-----|----|---|----|-----|------|----|---|----|-----|--|
| 1 | Body function and structure I | | 10 | 300 | 258 | 42 | 81 | | 5 | 10 | | 1 | 4 | 143 | 157 | X | | | | | | | | | | | | |
| 2 | BioMed Science I | | 8 | 240 | 198 | 42 | 54 | | 4 | 10 | | 1 | 2 | 113 | 127 | X | | | | | | | | | | | | |
| 3 | Doctor and Patient I | | 6 | 180 | 166 | 14 | 72 | | | | 12 | 1 | 4 | 103 | 77 | X | | | | | | | | | | | | |
| 4 | English I | | 5 | 150 | 150 | | | 70 | | | | 1 | 2 | 73 | 77 | X | | | | | | | | | | | | |
| 5 | Acad Writing | | 3 | 90 | 76 | 14 | 18 | | | | | 2 | 3 | 37 | 53 | X | | | | | | | | | | | | |
| 6 | Body function and structure II | | 10 | 300 | 264 | 36 | 76 | | 4 | 10 | | 1 | 4 | 131 | 169 | | X | | | | | | | | | | | |
| 7 | BioMed Science II | I 2 | 9 | 270 | 228 | 42 | 54 | | 4 | 10 | | 1 | 2 | 113 | 157 | | X | | | | | | | | | | | |
| 8 | Doctor and Patient II | I 3 | 5 | 150 | 136 | 14 | 58 | | | | 12 | 1 | 4 | 89 | 61 | | X | | | | | | | | | | | |
| 9 | English II | I 4 | 5 | 150 | 150 | | | 50 | | | | 3 | 4 | 57 | 93 | | X | | | | | | | | | | | |
| 10 | Research in Med I | | 3 | 90 | 76 | 14 | 19 | | | | | 1 | 2 | 36 | 54 | | X | | | | | | | | | | | |
| 11 | Body function and structure III | I 6 | 10 | 300 | 261 | 39 | 80 | | 2 | 10 | | 1 | 4 | 136 | 164 | | | X | | | | | | | | | | |
| 12 | BioMed Sciencelll | I 7 | 9 | 270 | 235 | 35 | 61 | | 10 | 15 | | 1 | 2 | 124 | 146 | | | X | | | | | | | | | | |
| 13 | Doctor and Patient III | I 8 | 5 | 150 | 136 | 14 | 58 | | | | 12 | 1 | 4 | 89 | 61 | | | X | | | | | | | | | | |
| 15 | Research in Med II | I 10 | 3 | 90 | 76 | 14 | 19 | | | | | 1 | 2 | 36 | 54 | | | X | | | | | | | | | | |

International School of Medicine

Medicine (ENG)

Level of Higher Education - One-Cycle (Equal to level 2)

Qualification to be Awarded – Medical Doctor

Language of Instruction – English

Number of ECTS credits - 360 ECTS

Programme Prerequisites:

The following have the right to study on the program: A citizen of Georgia with complete general or equivalent education - Based on the results of the unified national exams (As a result of the unified national exams, the student must confirm the knowledge of the English language at the B2 level and pass the minimum threshold both in the compulsory subjects and in one of the three optional subjects (chemistry, physics, mathematics). After enrollment, students will undergo an additional language proficiency test); A citizen of Georgia/a foreign country with complete general or equivalent education - Without passing the Unified National Exams, based on the legislation of Georgia (see <https://mes.gov.ge/content.php?id=6772&lang=geo>), based on confirmation of English language proficiency at level B2; A student (single-level or bachelor's program) who is enrolled in the program by transferring from another higher education institution or through internal mobility, in accordance with the legislation of Georgia and university regulations, has the right to study in the program.

Additional requirements: the intra-university prerequisite for admission to the program is the language competency test.

Programme Objectives

MD program to prepare's qualified, certifies doctors relevant to the international standards and competitive at the labor market, who understands the core values of the doctor (source - <https://physiciansfoundation.org/about/core-values/>), meets the requirement of the World Federation for Medical Education (WFME).

The programme objective is to ensure the graduates are able:

1. Knowledge Acquisition: To achieve comprehensive and up-to-date knowledge in basic biomedical, behavioral, clinical, and social sciences, ensuring a strong foundation for medical practice.
2. Skills Development: To develop clinical, analytical, and research competencies in medical and social sciences relevant to the level of education.
3. Lifelong Learning: To foster readiness and motivation for continuous learning and professional growth.
4. Public Health and Community Engagement: To participate and collaborate in improving public health through patient- and population-centered care, education, research, and community services, in accordance with current professional, ethical, and legal standards. Achievement is proved with using innovative assessment methods.

| Structure of Educational Programme | |
|---|-----------------|
| Mandatory courses | 333 ECTS |
| Elective courses | 27 ECTS |
| Supplementary programme ¹ | - |
| Total | 360 ECTS |

| Programme Learning Outcomes |
|--|
| Interprets systematically the fundamental issues of biomedical, behavioral, social, and clinical sciences during a clinical problem. |
| Based on the analysis of information (anamnesis) collected through effective communication in the medical environment (including in Georgian), gives advice to the patient/patient's relatives, communicates with colleagues and the public adhering to ethical and legal principles. |
| Makes the final diagnosis and discusses the disease management plan by conducting a physical evaluation, identifying the complexity of the clinical manifestation of the disease, scheduling appropriate appointments and conducting a differentiated diagnosis. |
| Provides first aid in accordance with age peculiarities, conducts BLS and ACLS according to age peculiarities and in accordance with guidelines. |
| Evaluates and selects an optimal disease management plan that includes both pharmacological therapy and proven, evidence-based non-pharmacological interventions (dietary and lifestyle modifications), taking into account their compatibility, potential adverse effects, and the patient's age-related characteristics. |
| Carries out mandatory medical practical procedures independently on the simulator or on the patient (under supervision), taking into account safety, adhering to ethical-legal principles. |
| Effectively solves clinical problems and makes decisions in critical situations, works effectively as a team member as well as a leader. |
| Conducts medical activities in a multicultural society using ethical and legal principles, adheres to the current norms of Georgian and international law. |
| Manages acute and chronic diseases, pain and distress, taking into account the patient's age, disease type, and psychological and social aspects. |

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| Searches medical literature based on the principles of evidence-based medicine, draws conclusions based on critical analysis and evaluation, taking into account academic honesty and ethical context. |
| Effectively applies digital technologies and information systems in clinical decision-making, medical documentation, and communication with patients, including through telemedicine and remote consultation platforms, while maintaining confidentiality, protecting personal data, and complying with applicable legal requirements. |
| Designs and conducts biomedical / health sciences research in accordance with biomedical principles and contemporary medical advances, and analyses the obtained results based on a pre-established plan. |
| Updates knowledge lifelong and adapts to new environments by considering the role of physician in the healthcare sector. |
| Analyses and manages complex information to support public health and disease prevention, promotes the development of healthy behaviours and lifestyles at both individual and population levels, and demonstrates knowledge of the physician's role, authority, and responsibilities in public health and within the health care system. |
| To promote a healthy and employable population, performs duties with high professionalism and, in an interdisciplinary and multicultural environment, adheres to ethical norms, provides quality medical services from the position of a leader with decision-making ability. |

Fields of employment

Medical activity as a junior doctor. The junior doctor performs the function of a doctor under the supervision and responsibility of a person granted the right to independent medical practice. (Law of Georgia on Medical Practice, June 8, 2001, Article 5)
Pedagogical and scientific activities.

Additional information

For detailed information about the educational program, please, visit the following link - <https://alte.edu.ge/ka/meditsina-qartulenovani-2>

| # | Studying components | prerequisite | EST | Hours | Lecture | Class Work | Practical Work | LAB | PBL | CBL | Midterm exam | Final Exam | CONTACT HOURS FORUMILA | Independent Hours | I | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII | |
|--------------------------|---------------------------------|--------------|-----|-------|---------|------------|----------------|-----|-----|-----|--------------|------------|------------------------|-------------------|---|----|-----|----|---|----|-----|------|----|---|----|-----|--|
| I. Compulsory Components | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Body function and structure I | | 9 | 270 | 42 | 81 | | 5 | 10 | | 1 | 4 | 143 | 127 | X | | | | | | | | | | | | |
| 2 | BioMed Science I | | 8 | 240 | 42 | 54 | | 4 | 10 | | 1 | 2 | 113 | 127 | X | | | | | | | | | | | | |
| 3 | Doctor and Patient I | | 6 | 180 | 14 | 72 | | | | 12 | 1 | 4 | 103 | 77 | X | | | | | | | | | | | | |
| 4 | Georgian I | | 4 | 120 | | | 60 | | | | 3 | 4 | 67 | 53 | X | | | | | | | | | | | | |
| 5 | Acad Writing | | 3 | 90 | 14 | 18 | | | | | 2 | 3 | 37 | 53 | X | | | | | | | | | | | | |
| 6 | Body function and structure II | I 1 | 9 | 270 | 36 | 76 | | 4 | 10 | | 1 | 4 | 131 | 139 | | X | | | | | | | | | | | |
| 7 | BioMed Science II | I 2 | 9 | 270 | 42 | 54 | | 4 | 10 | | 1 | 2 | 113 | 157 | | X | | | | | | | | | | | |
| 8 | Doctor and Patient II | I 3 | 5 | 150 | 14 | 58 | | | | 12 | 1 | 4 | 89 | 61 | | X | | | | | | | | | | | |
| 9 | Georgian II | I 4 | 4 | 120 | | | 60 | | | | 3 | 4 | 67 | 53 | | X | | | | | | | | | | | |
| 10 | Research in Med I | | 3 | 90 | 14 | 19 | | | | | 1 | 2 | 36 | 54 | | X | | | | | | | | | | | |
| 11 | Body function and structure III | I 6 | 9 | 270 | 39 | 80 | | 2 | 10 | | 1 | 4 | 136 | 134 | | | X | | | | | | | | | | |
| 12 | BioMed Sciencelll | I 7 | 9 | 270 | 35 | 61 | | 10 | 15 | | 1 | 2 | 124 | 146 | | | X | | | | | | | | | | |
| 13 | Doctor and Patient III | I 8 | 5 | 150 | 14 | 58 | | | | 12 | 1 | 4 | 89 | 61 | | | X | | | | | | | | | | |
| 14 | Georgian III | I 9 | 4 | 120 | | | 60 | | | | 3 | 4 | 67 | 53 | | | X | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-------------------------------|---------------|---|-----|----|----|----|--|--|----|---|---|-----|-----|--|--|--|--|--|--|---|---|---|---|--|
| 30 | Public health III | I 26 | 5 | 150 | 14 | 45 | | | | | 1 | 2 | 62 | 88 | | | | | | | X | | | | |
| 31 | Interanal Medicine I | I 27 28 | 9 | 270 | 31 | 53 | 38 | | | 9 | 2 | 4 | 137 | 133 | | | | | | | X | | | | |
| 32 | Perioperative Medicine I | I 29 | 5 | 150 | 10 | 14 | 14 | | | 6 | 2 | 4 | 50 | 100 | | | | | | | X | | | | |
| 33 | Women's and Child's health I | I 27 28 | 8 | 240 | 30 | 50 | 28 | | | 12 | 3 | 4 | 127 | 143 | | | | | | | X | | | | |
| 34 | Interanal Medicine II | I 28 | 8 | 240 | 30 | 14 | 32 | | | 9 | 2 | 4 | 91 | 149 | | | | | | | | X | | | |
| 35 | Perioperative Medicine II | I 32 | 5 | 150 | 10 | 14 | 14 | | | 6 | 2 | 4 | 50 | 100 | | | | | | | | X | | | |
| 36 | Neurology | I 27 28 | 5 | 150 | 14 | 26 | 26 | | | 6 | 3 | 4 | 79 | 71 | | | | | | | | X | | | |
| 37 | Women's and Child's health II | I 33 | 9 | 270 | 20 | 30 | 28 | | | 12 | 2 | 4 | 96 | 174 | | | | | | | | X | | | |
| 38 | Interanal Medicine III | I 27 28 | 7 | 210 | 16 | 22 | 22 | | | 9 | 2 | 4 | 75 | 135 | | | | | | | | | X | | |
| 39 | Perioperative Medicine III | I 29 31 | 4 | 120 | 10 | 14 | 14 | | | 6 | 2 | 4 | 50 | 70 | | | | | | | | | X | | |
| 40 | Sensory medicine | I 28 29 | 6 | 180 | 16 | 24 | 25 | | | 12 | 2 | 4 | 83 | 97 | | | | | | | | | X | | |
| 41 | Management of Infections | I 34 | 5 | 150 | 10 | 14 | 14 | | | 6 | 2 | 4 | 50 | 100 | | | | | | | | | X | | |
| 42 | Psychiatry | I 21 36 | 4 | 120 | 10 | 14 | 14 | | | 6 | 2 | 4 | 50 | 70 | | | | | | | | | X | | |
| 43 | Interanal Medicine IV | I 27 | 8 | 240 | 26 | 41 | 41 | | | 9 | 2 | 4 | 123 | 117 | | | | | | | | | | X | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|---------------|---|-----|----|----|----|--|--|---|---|----|-----|-----|--|--|--|--|--|---|---|---|---|--|---|--|
| 1 | Healthcare Management | I 30 | 4 | 120 | 18 | 31 | | | | | 1 | 2 | 52 | 68 | | | | | | | | | X | | | |
| 2 | Hospital Management | I 30 | 4 | 120 | 18 | 31 | | | | | 1 | 2 | 52 | 68 | | | | | | | | | X | | | |
| 3 | Nutritiology | I 34 | 4 | 120 | 9 | 9 | 18 | | | 6 | 2 | 4 | 48 | 72 | | | | | | | | | | | X | |
| 4 | Sexology | I 34 37 | 4 | 120 | 10 | 14 | 14 | | | 6 | 2 | 4 | 50 | 70 | | | | | | | | | | | X | |
| 5 | Oncosurgery | I 39 43 | 5 | 150 | 10 | 14 | 14 | | | 6 | 2 | 4 | 50 | 70 | | | | | | | | | | | X | |
| 6 | Angiosurgery | I 39 | 5 | 150 | 10 | 14 | 14 | | | 6 | 2 | 4 | 50 | 70 | | | | | | | | | | | X | |
| 7 | Reproductology | I 37 | 5 | 150 | 12 | 26 | 17 | | | 9 | 2 | 4 | 70 | 80 | | | | | | | | | | | X | |
| 8 | Low of Medicine | I 30 | 5 | 150 | 16 | 29 | | | | | 2 | 3 | 50 | 100 | | | | | | | | | | | X | |
| 9 | General components | 9 EST | 9 | 225 | 95 | | | | | | | 15 | 110 | 115 | | | | | | X | X | X | | | | |

Note: The student can independently form an individual profile (program) taking into account the specifics of the elective components, as well as own future career interests and choose the required number of 18 credits from the elective courses of the main field of study in the respective semesters. From the general component, the student, according to his/her field of interest, can choose the courses from the respective semesters within 9 credits.

International School of Medicine

Dentistry

Level of Higher Education - One-Cycle (Equal to level 2)

Qualification to be Awarded – Doctor of Dental Medicine

Language of Instruction – English

Number of ECTS credits - 300 ECTS

Programme Prerequisites:

The following have the right to study on the program: A citizen of Georgia with complete general or equivalent education - Based on the results of the unified national exams; A citizen of Georgia/a foreign country with complete general or equivalent education - Without passing the Unified National Exams, based on the confirmation of English language at B2 level; A student (single-level or bachelor's program) who is enrolled in the program by transferring from another higher education institution or through internal mobility, in accordance with the legislation of Georgia and university regulations, has the right to study in the programme.

Programme Objectives

The program aims to prepare an international, highly qualified, competitive, labor market certified dentist who understands the basic values of a doctor's dentist. Accordingly, **the aim of the program is:**

1. Giving the student deep and systematic knowledge and developing practical skills, using them in accordance with the international educational principles of dentistry.
2. Equipping the student with clinical and research skills in the field of dentistry in accordance with the teaching level.
3. Develops a student's capacity for continuous professional development and social responsibility, ensuring their career growth and the promotion of public health.

Structure of Educational Programme

| | |
|-------------------|----------|
| Mandatory courses | 288 ECTS |
| Elective courses | 12 ECTS |

| | |
|--------------------------------------|-----------------|
| Supplementary programme ¹ | - |
| Total | 300 ECTS |

Programme Learning Outcomes

Describes the normal structure of the tissues composing the human body and the processes occurring at the cellular, molecular, and biochemical levels, as well as normal metabolism, on the basis of a critical understanding of the existing interrelationships.

Prescribes medications based on pathological processes in individual organs and organ systems, informed by microbiological, immunological, instrumental, and physical diagnostic evaluations.

Describes and implements the identification of somatic diseases associated with oral diseases.

Discusses the core aspects of public oral health protection, including the principles of planning, implementing, and evaluating measures to safeguard oral health, while prioritizing social and ethical responsibilities.

Utilizes the latest methods for the prevention, diagnosis, and treatment of oral diseases, including the use of medications and materials, while adhering to established clinical protocols, across all age groups, including patients with special needs.

Protects their ideas, decisions, and conclusions through clear verbal and written communication with patients, their companions, and academic and professional communities, while adhering to academic and ethical standards.

Adapts to a new clinical environment and conducts the teamwork process responsibly.

Based on critical analysis and evaluation of the latest oral health research, including evidence-based dentistry data, synthesizes current evidence using rigorous research methods while upholding academic integrity.

Discusses and Applies Physician and Patient Safety Management Principles.

Conducts medical activities in a multicultural society using ethical and legal principles, adheres to the applicable norms of Georgian and international legislation.

If necessary, provides first aid, and in complex clinical situations, employs modern diagnostic methods and comprehensive treatment based on data synthesis and the development of an appropriate plan.

Fields of employment

After completing a one-step dental education program, the graduate has the opportunity to start his career as a junior doctor or complete training in an educational institution

Additional information

For detailed information about the educational programme, please, visit the following link - <https://alte.edu.ge/ka/stomatologia-inglisurenovani>

| Title of Study Components | Prerequisite | Credits | Hours | Contact Hours | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------|---------|-------|---------------|--------|------|------------|-----|-----|--------------|------------------|------------|--------------------------|------------------------------|----|----|-----|----|----|----|-----|------|----|----|--|--|--|--|
| | | | | Lecture | W.G.A. | P.W. | Laboratory | CBL | PBL | Midterm Exam | Presentation/Oth | Final Exam | Contact Hours (Total) | Independent Working Hours | I | II | III | IV | V | VI | VII | VIII | XI | X | | | | |
| | | | | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | | | | |
| Training courses/components of the main study (at least 285-291 credits) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandatory (279 credits) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Body Function and Structure I | - | 10 | 300 | 42 | 80 | | 4 | | 12 | 1 | | 4 | 143 | 157 | X | | | | | | | | | | | | | |
| BioMed Science I | - | 8 | 240 | 42 | 54 | | 4 | | 10 | 1 | | 2 | 113 | 127 | X | | | | | | | | | | | | | |
| Infection Prevention and Control in Dentistry | - | 4 | 120 | 10 | 30 | | | | | 1 | | 2 | 43 | 77 | X | | | | | | | | | | | | | |
| Doctor and Patient | - | 5 | 150 | 14 | 58 | | | 12 | | 1 | | 4 | 89 | 61 | X | | | | | | | | | | | | | |
| Body Function and Structure II | 1 | 9 | 270 | 36 | 74 | | 4 | | 12 | 1 | | 4 | 131 | 139 | | X | | | | | | | | | | | | |
| BioMed Science II | 2 | 7 | 210 | 42 | 54 | | 4 | | 10 | 1 | | 2 | 113 | 97 | | X | | | | | | | | | | | | |
| Medical Psychology | - | 3 | 90 | 14 | 19 | | | | | 1 | | 2 | 36 | 54 | | X | | | | | | | | | | | | |
| Research in Medicine I | 4 | 3 | 90 | 14 | 19 | | | | | 1 | | 2 | 36 | 54 | | X | | | | | | | | | | | | |
| Introduction to Dentistry | - | 5 | 150 | 15 | 23 | 7 | | | | 1 | | 2 | 48 | 102 | | X | | | | | | | | | | | | |
| Medical Physics and Biophysics | - | 3 | 90 | 14 | 23 | | | | | 1 | | 2 | 40 | 50 | | | X | | | | | | | | | | | |
| Pathology and Pharmacology I | 5 | 5 | 150 | 26 | 30 | | | | 10 | 1 | | 2 | 69 | 81 | | | X | | | | | | | | | | | |
| Research in Medicine II | 8 | 2 | 60 | 14 | 19 | | | | | 1 | | 2 | 36 | 24 | | | X | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------|---|-----|----|----|----|---|---|----|---|--|---|----|-----|--|--|---|---|---|--|--|--|--|--|
| Internal Medicine | 5, 6 | 9 | 270 | 30 | 15 | 15 | | 9 | | 2 | | 2 | 64 | 205 | | | X | | | | | | | |
| Dental Public Health (Public Health, Environmental Health and Prevention) | 5 | 3 | 90 | 15 | 28 | | | | | 2 | | 2 | 47 | 43 | | | X | | | | | | | |
| Preclinical Simulation Course of Operative Odontology (Therapeutic Dentistry I) | 9 | 4 | 120 | 15 | 15 | 15 | | | | 2 | | 3 | 49 | 71 | | | X | | | | | | | |
| Dental Materials: Properties and Clinical Applications | 9 | 3 | 90 | 15 | 10 | 5 | | | | 1 | | 2 | 33 | 57 | | | X | | | | | | | |
| Simulation-Based Surgical Dentistry (Dental Surgery 1) | 9 | 5 | 150 | 30 | 15 | 15 | | | | 1 | | 2 | 63 | 87 | | | | X | | | | | | |
| Research in Medicine III | 12 | 3 | 90 | 14 | 19 | | | | | 1 | | 2 | 36 | 54 | | | | X | | | | | | |
| Pathology and Pharmacology II | 11 | 5 | 150 | 28 | 26 | | 2 | | 10 | 1 | | 2 | 69 | 81 | | | | X | | | | | | |
| Prosthodontic Dentistry Propaedeutic I (Prosthodontic Dentistry I) | 9 | 5 | 150 | 15 | 18 | 12 | | | | 2 | | 2 | 49 | 101 | | | | X | | | | | | |
| Preclinical Simulation Course of Operative Odontology (Therapeutic Dentistry I) | 9 | 4 | 120 | 15 | 15 | 15 | | | | 2 | | 3 | 49 | 71 | | | | X | | | | | | |
| Neurology | 6, 10 | 3 | 90 | 15 | 15 | | | | | 2 | | 2 | 34 | 56 | | | | X | | | | | | |
| Digital Dentistry | 4 | 3 | 90 | 10 | 10 | 10 | | | 12 | 1 | | 4 | 47 | 43 | | | | | X | | | | | |
| Therapeutic Dentistry II | 19 | 6 | 180 | 16 | 24 | 24 | | | | 2 | | 3 | 69 | 111 | | | | | X | | | | | |
| Dental Surgery II | 21 | 4 | 120 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 57 | | | | | X | | | | | |
| Oncology | 11 | 3 | 90 | 10 | 10 | 10 | | | | 1 | | 2 | 33 | 57 | | | | | X | | | | | |
| Dermatology | 11 | 2 | 60 | 8 | 8 | 8 | | | | 1 | | 2 | 27 | 33 | | | | | X | | | | | |
| Infectious diseases | 13 | 3 | 90 | 9 | 9 | 9 | | 6 | | 2 | | 2 | 37 | 53 | | | | | X | | | | | |

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|---------------------------------------|--------|---|-----|----|----|----|--|----|---|---|---|---|----|-----|--|--|--|--|---|---|---|---|---|--|
| Prosthetic Dentistry II | 18 | 4 | 120 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 57 | | | | | X | | | | | |
| Therapeutic Dentistry III | 23 | 6 | 180 | 16 | 24 | 24 | | | | 2 | | 3 | 69 | 111 | | | | | | X | | | | |
| Dental Surgery III | 24 | 5 | 150 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 87 | | | | | | X | | | | |
| Prosthetic Dentistry III | 28 | 5 | 150 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 87 | | | | | | X | | | | |
| Pediatric Dentistry for Therapist I | 19 | 5 | 150 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 87 | | | | | | X | | | | |
| Surgery | 5, 17 | 4 | 120 | 14 | 30 | | | 6 | | 2 | | 4 | 56 | 64 | | | | | | X | | | | |
| Periodontology I | - | 3 | 90 | 20 | 8 | 6 | | 2 | 2 | 1 | 2 | 2 | 43 | 47 | | | | | | X | | | | |
| Therapeutic Dentistry IV | 29 | 6 | 180 | 16 | 24 | 24 | | | | 2 | | 3 | 69 | 111 | | | | | | | X | | | |
| Prosthetic Dentistry IV | 31 | 5 | 150 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 87 | | | | | | | X | | | |
| Pediatric Dentistry for Therapist II | 32 | 5 | 150 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 87 | | | | | | | X | | | |
| Orthodontics I | 18, 19 | 5 | 150 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 87 | | | | | | | X | | | |
| Dental Surgery IV | 30 | 5 | 150 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 87 | | | | | | | X | | | |
| Periodontology II | 34 | 3 | 90 | 20 | 8 | 6 | | 2 | 2 | 1 | 2 | 2 | 43 | 47 | | | | | | | X | | | |
| Periodontology III | 40 | 4 | 120 | 30 | 8 | 6 | | 2 | 2 | 1 | 2 | 2 | 53 | 67 | | | | | | | | X | | |
| Dental Surgery V | 39 | 5 | 150 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 87 | | | | | | | | X | | |
| Prosthetic Dentistry V | 36 | 5 | 150 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 87 | | | | | | | | X | | |
| Pediatric Dentistry for Therapist III | 37 | 6 | 150 | 20 | 20 | 30 | | | | 2 | | 3 | 75 | 105 | | | | | | | | X | | |
| Orthodontics II | 38 | 5 | 150 | 20 | 20 | 20 | | | | 1 | | 2 | 63 | 87 | | | | | | | | X | | |
| Special Care Dentistry | 9 | 3 | 90 | 15 | 30 | 0 | | | | 2 | | 2 | 49 | 41 | | | | | | | | X | | |
| Anesthesiology and Reanimatology | 13 | 2 | 60 | 6 | 8 | 9 | | | | 2 | 3 | 4 | 32 | 28 | | | | | | | | X | | |
| Sensory Medicine | 20 | 6 | 180 | 16 | 24 | 25 | | 12 | | 2 | | 4 | 83 | 97 | | | | | | | | | X | |

Elective (0 - 6 credits)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|----|---|----|--|--|----|--|--|--|---|--|---|----|----|------------|--|--|--|---|---|--|--|--|--|
| Russian language 1 | - | 3 | 90 | | | 40 | | | | 3 | | 4 | 47 | 43 | | | | | x | | | | | |
| Chinese language 1 | - | 3 | 90 | | | 40 | | | | 3 | | 4 | 47 | 43 | | | | | x | | | | | |
| Russian language 2 | 70 | 3 | 90 | | | 40 | | | | 3 | | 4 | 47 | 43 | | | | | | x | | | | |
| Chinese language 2 | 71 | 3 | 90 | | | 40 | | | | 3 | | 4 | 47 | 43 | | | | | | x | | | | |
| Study courses from other programs | | | | | | | | | | | | | | | | | | | x | x | | | | |
| Total Credits | | | | | | | | | | | | | | | 300 | | | | | | | | | |

Accreditation program

School of Business

Business Administration

Level of Higher Education - Level I

Qualification to be Awarded – Bachelor of Business Administration

Language of Instruction – English

Number of ECTS credits - 180 ECTS

Programme Prerequisites:

პროგრამაზე სტუდენტის ჩარიცხვა ხორციელდება საქართველოს კანონმდებლობით დადგენილი წესების შესაბამისად და ეფუძნება ერთიანი ეროვნული გამოცდების შედეგებს. სავალდებულოა:

- ინგლისური ენის კომპონენტის დაძლევა მაქსიმალური ქულის 70%-ით;
- მათემატიკის ან/და ისტორიის კომპონენტის დაძლევა.

In accordance with Georgian legislation, enrollment in the program is possible without passing the Unified National Exams, based on a complete general education qualification. Eligible persons (see link: <https://mes.gov.ge/content.php?id=6772&lang=geo>) shall present a certificate confirming the B2 level of English language proficiency, or shall pass an internal exam (testing) in English organized by the university, in accordance with a special enrollment procedure developed by Alta University, which complies with international standards for assessing the academic competence of applicants.

A bachelor's degree student who, in accordance with Georgian legislation and the university's internal regulations, is enrolled in the program through transfer from another higher education institution or through internal mobility, is also eligible to study on the program.

Programme Objectives

- To develop a competitive business administration specialist in the global market who possesses analytical, leadership and strategic skills, effectively manages current and long-term business processes and uses modern theories, data-based approaches and international practices, thereby contributing to the country's economic development and increasing the international competitiveness of the market;

- Based on the analysis of the latest information from various sources and data processing, as well as taking into account risk theories, makes substantiated conclusions and formulates proposals, innovative ideas and advice in the field of business administration through critical thinking;
- To develop a socially responsible and ethical attitude towards business activities, personal qualities and professional approaches that express a continuous desire for development and growth in an innovative and rapidly changing business environment.

Structure of Educational Programme

| | |
|-------------------|-----------------|
| Mandatory courses | 145 ECTS |
| Elective courses | 35 ECTS |
| Total | 240 ECTS |

Programme Learning Outcomes

Knowledge and understanding

Reviews modern and international theories and concepts of business management, in the context of the changing business environment and the process of conducting business operations, both in local and global markets.

Skill

Analyzes business-related issues and formulates data-based, substantiated conclusions and recommendations using relevant modern technologies, tools and methods

Evaluates entrepreneurial, financial, marketing, operational and human resource development opportunities, taking into account corporate social responsibility

Responds to leadership and management challenges based on the dynamics of organizational development, adhering to team and ethical principles

Based on the analysis of the latest information received from various sources and data processing, as well as taking into account risk theories, makes substantiated conclusions and

| |
|---|
| formulates proposals, innovative ideas and advice in the field of business administration through critical thinking |
| Evaluates the opportunities and challenges of both local and international markets and business organizations, and makes financial and operational decisions using modern information and communication technologies. |
| Communicates effectively on key business administration topics, both orally and in writing, using modern information and communication technologies. |
| <u>Responsibility and autonomy</u> |
| Demonstrates a responsible approach to business development, taking into account ethical standards and personal and professional growth |

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|---|
| Fields of employment |
| A graduate of the Business Administration program can be employed in any size (small, medium, large) local and international business organization, in a position appropriate to his/her qualifications. He/she will also be able to successfully create and manage his/her own business. |

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| Additional information |
| For detailed information about the educational programme, please, visit the following link - https://alte.edu.ge/en/business-administration-eng |

| No. | Name of the training course | Prerequisite | Credit | Hours | Distribution of hours | | | | | | | Academic semester | | | | | | |
|-----|-----------------------------|--------------|--------|-------|-----------------------|------------------------|----------------|--------------|-----------------------------|------------|-----------------------|-------------------|---|----|-----|----|---|----|
| | | | | | Contact hours | | | | | | | In | I | II | III | IV | V | VI |
| | | | | | Lecture | Working in a workgroup | Practical work | Midterm exam | Abstract/Presentation/Other | Final exam | Contact hours (total) | | | | | | | |

1. University compulsory courses (10 credits)

| | | | | | | | | | | | | | | | | | |
|---|--------------------------|-----|---|-----|----|----|----|---|---|---|----|----|---|---|--|--|--|
| 1 | Information Technologies | N/A | 5 | 125 | 13 | | 26 | 1 | 3 | 2 | 45 | 80 | X | | | | |
| 2 | Academic Writing | N/A | 5 | 125 | 14 | 13 | | 2 | 4 | 2 | 35 | 90 | | X | | | |

2. Core Field of Study Courses (135 credits)

| | | | | | | | | | | | | | | | | | |
|---|--|-----|---|-----|----|----|----|---|---|---|----|----|---|--|--|--|--|
| 3 | Mathematics for Economics and Business | N/A | 5 | 125 | 14 | | 26 | 2 | | 3 | 45 | 80 | X | | | | |
| 4 | Entrepreneurship Program | N/A | 5 | 125 | 14 | 26 | | 3 | | 3 | 46 | 79 | X | | | | |
| 5 | Microeconomics | N/A | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | X | | | | |
| 6 | Management Fundamentals and Leadership | N/A | 5 | 125 | 14 | 26 | | 2 | | 2 | 44 | 81 | X | | | | |
| 7 | English 1 (B2.2 Business English) | N/A | 5 | 125 | | | 52 | 2 | 4 | 4 | 62 | 63 | X | | | | |

| | | | | | | | | | | | | | | | | | | |
|----|--|---|---|-----|----|----|----|---|---|---|----|----|--|---|---|---|--|--|
| 8 | Fundamentals of Statistics | Mathematics for Economics and Business | 5 | 125 | 13 | | 26 | 2 | | 3 | 44 | 81 | | X | | | | |
| 9 | Macroeconomics | Microeconomics | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | X | | | | |
| 10 | Business Law | N/A | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | X | | | | |
| 11 | Fundamentals of Marketing | N/A | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | X | | | | |
| 12 | English 2 (C1.1 Business English) | English 1 (B2.2 Business English) | 5 | 125 | | | 52 | 2 | 4 | 4 | 62 | 63 | | X | | | | |
| 13 | Digital Marketing | Fundamentals of Marketing | 5 | 125 | 14 | 26 | | 2 | 3 | 2 | 47 | 78 | | | X | | | |
| 14 | Negotiations and Mediation Basics | N/A | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | | X | | | |
| 15 | Information Communication Technologies in Business | Information technologies | 5 | 125 | 14 | | 26 | 2 | 2 | 3 | 47 | 78 | | | X | | | |
| 16 | Financial Accounting | N/A | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | | X | | | |
| 17 | Data Analysis in Business | Information technologies | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | | X | | | |
| 18 | Business Modeling and Financial Analysis | Data analysis in business, financial accounting | 5 | 125 | 14 | 26 | | 2 | | 2 | 44 | 81 | | | | X | | |

| | | | | | | | | | | | | | | | | | |
|----|---|--------------------------------------|----|-----|----|----|----|-----|---|-----|----|-----|--|--|--|---|---|
| 19 | Project Management | Basics of Management and Leadership | 5 | 125 | 14 | 26 | | 2 | | 4 | 46 | 79 | | | | X | |
| 20 | International Business | Basics of Management and Leadership | 5 | 125 | 14 | 26 | | 2 | | 2 | 44 | 81 | | | | X | |
| 21 | Managerial Accounting | Financial accounting | 5 | 125 | 14 | 26 | | 2 | | 2 | 44 | 81 | | | | X | |
| 22 | Principles of Strategic Management | Basics of Management and Leadership | 5 | 125 | 14 | 26 | | 2 | | 2 | 44 | 81 | | | | | X |
| 23 | Research methods | Fundamentals of statistics | 5 | 125 | 14 | 26 | | 2 | 4 | 2 | 48 | 77 | | | | | X |
| 24 | Human Resources and Organizational Behavior | Basics of Management and Leadership | 5 | 125 | 14 | 26 | | 2 | | 2 | 44 | 81 | | | | | X |
| 25 | Principles of Operations Management | Basics of Management and Leadership | 5 | 125 | 14 | 26 | | 2 | | 2 | 44 | 81 | | | | | X |
| 26 | Corporate Finance | Financial accounting | 5 | 125 | 14 | 26 | | 2 | | 2 | 44 | 81 | | | | | X |
| 27 | Bachelor's Thesis | Compulsory subjects of I-V semesters | 10 | 250 | | | | | 1 | | 28 | 221 | | | | | X |
| 28 | Artificial Intelligence in Business | Information technologies | 5 | 125 | 16 | | 23 | 3.5 | | 2.5 | 45 | 80 | | | | | X |

3. Elective courses in the main field of study (15-25 credits)

| | | | | | | | | | | | | | | | | | |
|----|----------------|--------------------------|---|-----|----|----|--|---|---|---|----|----|--|--|--|---|--|
| 29 | Product design | Entrepreneurship Program | 5 | 125 | 14 | 26 | | 2 | 3 | 2 | 47 | 78 | | | | X | |
|----|----------------|--------------------------|---|-----|----|----|--|---|---|---|----|----|--|--|--|---|--|

| | | | | | | | | | | | | | | | | | | |
|----|--|---|---|-----|----|----|--|---|---|---|----|----|--|--|--|---|---|---|
| 30 | Investing Basics | Corporate Finance | 5 | 125 | 14 | 26 | | 2 | | 3 | 45 | 80 | | | | | | X |
| 31 | Fintech Basics | N/A | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | | | | | X |
| 32 | Branding | Marketing Basics | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | | | X | | |
| 33 | User behavior | Marketing Basics | 5 | 125 | 14 | 26 | | 2 | | 2 | 44 | 81 | | | | X | | |
| 34 | Financial Markets and Institutions | Corporate Finance | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | | | | | X |
| 35 | Principles of business models | Entrepreneurship Program | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | | | | X | |
| 36 | Design thinking | Entrepreneurship Program, English 2 (C1.1 Business English) | 5 | 125 | 14 | 24 | | 2 | 2 | 2 | 44 | 81 | | | | X | | |
| 37 | Power BI analytics | Data analysis in business | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | | | X | | |
| 38 | International Marketing | Marketing Basics | 5 | 125 | 14 | 26 | | 2 | 2 | 2 | 46 | 79 | | | | X | | |
| 39 | Circular economy and sustainable development | Macroeconomics | 5 | 125 | 14 | 26 | | 2 | | 2 | 44 | 81 | | | | X | | |

4. Free study courses (10-20 credits)

| | | | | | | | | | | | |
|-----------------------|----------------------|--|--|--|--|--|------------|---|---|---|---|
| 40 | Free training course | | | | | | | X | X | X | X |
| Total credits: | | | | | | | 180 | | | | |

Note: Within the framework of the elective courses of the free component, a student can choose courses from any bachelor's program operating at the university, subject to compliance with the relevant prerequisites.

