

Catalogue of Higher Education Programmes

Contents	
Brief History	3
Bachelor's Degree Programmes	4
Law	4
Psychology	14
International Relations	24
Journalism.....	32
Business Administration	40
Tourism	51
Computer Science (GEO)	58
Computer Science (ENG)	71
Artificial Intelligence and Data Analytics (GEO)	95
Artificial Intelligence and Data Analytics (ENG)	115
Master's Degree Programmes	126
Law	126
National and International Security	134
Business Administration	140
One-cycle Degree Programmes	147
Medicine (GEO).....	147
Medicine (ENG).....	155
Dentistry.....	163
Business Administration (Accreditation programm).....	171

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							Independent	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.)																				

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				

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

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	Electorat 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	X
28	Case-Solving Methodology in Criminal Law	2.12	5	125	13	13		2	2	2	32	93				X	X	X	X	X
29	Criminology	2.12	5	125	13	13		2	2	2	32	93				X	X	X	X	X
30	Penitentiary Law	2.12	4	100	13	13		2	2	2	32	93				X	X	X	X	X
31	Law of Evidence	2.12	5	125	13	13		2	2	2	32	93				X	X	X	X	X
32	Juvenile Justice	2.12	5	125	13	13		2	2	2	32	93					X	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	X
34	Drafting Procedural Documents in Criminal Procedure	2.22	5	125	13	13		2	2	2	32	93							X	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									

6	Fundamentals of Neuropsychology		6	150	26	26		1	3	3	59	91			X										
7	Cognitive Psychology	2	10	250	26	39		2	5	3	75	175			X										
8	Psychology of Mood	4	5	125	13	29		2		3	47	78			X										
9	Research Methods in Psychology 2	5	5	125	26	13		2	3	2	46	79				X									
10	Personality Psychology	2	10	250	26	39		2	5	3	75	175				X									
11	Educational Psychology		5	125	13	26		2	5	2	48	77				X									
12	Fundamentals of Neuropsychology	2, 7	6	150	26	26		1	4	3	60	90				X									
13	Disorders of Child Mental Development	3	5	125	13	26		2	6	3	50	75					X								
14	Statistical Methods in Psychology		5	125	13	26		2		2	43	82					X								
15	Contemporary Trends in Psychology		5	125	13	26		2	4	3	48	77					X								
16	Basics of Psychotherapy	2	5	125	13	13	13	2	4	2	47	78					X								
17	Organization and Management Psychology		5	125	26	13		1	4	1	45	80						X							
18	Research Data Processing with SPSS	53, 5	5	125	15		25	2		2	44	81						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				

61	Russian Language 1		5	125			52	2	3	4	61	64					X									
62	Russian Language 2	61	5	125			52	2	3	4	61	64						X								
63	Russian Language 3	62	5	125			52	2	3	4	61	64							X							
64	Russian Language 4	63	5	125			52	2	3	4	61	64								X						
65	Chinese Language 1		5	125	13		39	2	2	4	60	65					X									
66	Chinese Language 2	65	5	125	13		39	2	2	4	60	65						X								
67	Chinese Language 3	66	5	125	13		39	2	2	4	60	65							X							
68	Chinese Language 4	67	5	125	13		39	2	2	4	60	65								X						
69	Democracy and Citizenship		5	125	13	26		2	3	3	47	78	X													
70	Public speaking Techniques		5	125	13	26		2	5	2	48	77							X							
71	The art of Training Management		5	125	13	26		1	8	8	56	69							X							
72	Project Management		5	125	13	26		1	3	2	45	80							X							
73	Recruitment		5	125	13	26		1		2	42	83							X							
74	The art of success		5	125		32				3	35	90	X													
75	Free study course(s) from other undergraduate programs																X	X	X	X						
Credits in total:													240													

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

28	Black Sea Regional Cooperation and Challenges (in English)	9	4	100	13	13		1	5	2	34	66						x		
29	Russian Model of Hybrid Warfare	9	5	125	26	13		2	4	3	48	77						x		
30	Decision-Making in the European Union and Institutional Order	9	5	125	14	26		2	3	2	47	78						x		
31	Process of Transformation of Post-Socialist and Post-Soviet Countries	9	6	150	26	26		2	3	2	59	91						x		
32	Georgia in International Organizations	9,15	5	125	14	26		2	3	2	47	78						x		
33	International Economic Relations	7,9	5	125	26	13		1	3	1	44	81							x	
34	Georgia's Foreign Policy in the Regional Context	10,32	5	125	13	26		3	3	3	48	77							x	
35	European and Euro-Atlantic Integration Policy of Georgia	17,24	5	125	26	13		2	3	2	46	79							x	
36	Occupation, Occupied Territories of Georgia and Policy of Non-Recognition	10	4	100	13	13		2	3	2	33	67							x	
37	Russian Foreign Policy	31	4	100	13	13		2	4	2	34	66							x	
38	Modern Dimension of International Relations	8,12,23	4	100	13	13		2	3	2	33	67								x
39	Bachelor 's Thesis	1_37	5	125							29	96								x
2. Optional Components (47 ECTS credits)																				
2.1. Study Courses in the Main Field of Study (Atleast 27ECTS credits .)																				
39	Modern Europe	–	5	125	14	26		2	3	2	47	78					x	x	x	x
40	History of Diplomacy	8	5	125	25	14		2		2	46	79					x	x	x	x
41	Media and Modern Means of Communication in International Relations		5	125	13	13		2	3	2	33	42					x	x	x	x
42	Introduction to East Asia (in English)	9	5	125	13	26		2		4	45	80						x	x	x

43	China's Foreign Policy	9	5	125	13	26		3	4	3	49	76						x	x	x
44	Religious Factor in International Relations	26	3	75	13	13		2	3	2	33	42						x	x	x
45	Problems of Separatism in the Modern World	9	3	75	13	13		2	6	2	36	39						x	x	x
46	International Proceedings	—	4	100	13	26		1		3	43	57						x	x	x
47	International Energy Policy	10,32	5	125	13	26		2	5	3	49	76							x	x
48	Theory and Practice of Negotiation	10	4	100	13	26		1		3	43	57							x	x
49	Diplomatic Protocol and Etiquette	10	5	125	26	13		2	3	3	47	78							x	x
50	State and Diaspora	10	4	100	13	13		2	3	2	33	67							x	x
51	Public Relations and Strategic Communications	—	5	125	26	13		2	3	2	46	79								x
52	Terrorism (In English)	10,23	4	100	13	13		1	3	2	32	68								x
53	American Democracy (In English)	10	5	125	26	13		1	3	2	45	80								x
2.2.Free Study Courses (Maximum 20ECTS credits.)																				
54	Holistic Awareness - Find Your Alte!	—	5	125		48				3	51	74	x							
55	Critical Thinking	—	5	125	13	26		1	4	2	46	79								
56	Basics of Philosophy	—	5	125	13	26		1	6	2	48	77	x							
57	French/Chinese/Russian 1	—	5	125	0/13/0		52/39/52	1/2/2/	3/2/3/	4	60/60/61	65/65/64	x							
58	French/Chinese/Russian 2	55	5	125	0/13/0		52/39/52	1/2/2/	3/2/3/	4	60/60/61	65/65/64		x						
59	Basics of Statistics	—	5	125	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
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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				

		Busine 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																	
Enterprenuership																	
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		

		English 3															
2	Organizational Change Management	Fundamentals of Human Resource Management ; English 3	5	125	13	26	2	3	2	46	79				X		
3	Human Management Ethics and Corporate Social Responsibility	Organizational Behavior and Leadership	5	125	13	13	2	2	2	32	93				X		
4	Bachelor's Thesis	Mandatory courses; 3 concentration courses	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
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Elective courses	20 ECTS
Supplementary programme ¹	-
Total	240 ECTS

Programme Learning Outcomes
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.
Identifies problems in tourism activities and formulates recommendations regarding effective ways to solve them (including issues of creating and developing a sustainable tourism policy).
Creates and develops tourism products and services, projects and events using both standard and modern and innovative methods and tools.
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.
Effectively formulates and conveys ideas using context-appropriate technologies for written and oral communication and communication.
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.
Understands the global, regional, local socio-economic context of sustainable tourism and acts ethically and responsibly.
Thinks critically and makes arguments based on the analysis of information, data, facts and sources.

Fields of employment
<u>A graduate of the Tourism and Hospitality Management program</u> can be employed at any (small and medium, as well as international) level in a position corresponding to his/her qualifications: - 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

3.31	Information and communication technologies in tourism		5	125	13	17	9	3		3	45	80							x
4. Practice block			6	150		120			1		121	29						x	
4.1.	practice	I-VI semester	6	150		120			1		121	29						x	
5. Study-research block			5	125			28			1	29	96							x
5.1.	Bachelor's thesis		5	125			28			1	29	96							x
Optional component			10--20																
Block 1 Tourism			10	250	26	52												x	x
M1.1	Management and control of catering and accommodation facilities	1.5	5	125	13	26	13			4	48	77						x	
M 1.2	Project management in tourism	1.5; 3.28	5	125	13	26		3		3	45	80							x
M 1.3	Revenue management in tourism	1.4; 3.13;	5	125	13	26		2		3	44	81							x
M 1.4	Human capital management in tourism	1.5	5	125	13	13		3		3	32	68							x
Block 2 Travel			10																
M2.1	History of Georgian culture		5	125	26	13		1	2	3	45	80						x	
M2.2	Ethnography/Ethnology of Georgia		5	125	13	26		2	2	2	45	80							x
M2.3	Georgian mythology		5	125	13	26		2	2	2	45	80							x
M2.4	History of World Civilization (General Course)		5	125	26	13		2	2	2	45	80							x
Block 3 recreation	Recreation		10																
M3.1	Sustainability and social responsibility in tourism	1.5	5	125	13	15	6	2		3	39	86						x	
M3.2	Geography of tourism		5	125	13	26		2	4	2	47	78							x
M3.3	New trends in tourism	1.5	5	125	21	13		2		4	40	85							x
M3.2	Crisis management in hospitality	1.5	5	125	13	17		4		4	38	87							x

Block 4 free elective courses			0--10																		x
Total credits total																					

Note:

1. The student has the opportunity, taking into account personal career interests, to independently choose study courses from one of the blocks (a maximum of 20 credits, or a minimum of 10 credits, and in the latter case, the remaining credits to be absorbed (a total of 240 credits) can be selected from the study courses of the second block, and /or from free study courses.

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
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-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											

	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								

	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							

		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 Programing	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					

6	Fundamentals of Software Testing	Web Development I (FrontEnd), Web Development II (JavaScript), Mobile App Development	5	3	1	2	3	3	48	77								x				
7	IT Project Management	N/A	5	3	1	2	3	3	48	77								x				
8	Network Systems Engineering	Computer Organization and Architecture, Fundamentals of Network Communications	5	3	1	2	3	3	48	77								x				
	Information Security - Mandatory Elective (40 credits)																					
1	Operating Systems - Linux	Computer Organization and Architecture	5	3	1	2	3	3	48	77						x						
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	Fundamentals of Network	5	3	1	2	3	3	48	77							x					

	Administration	Communications																				
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 , Data Engineering	5	3	1	2	3	3	48	77								X				
Computer Engineering - Mandatory Elective (40 credits)																						
1	Numerical Methods	Calculus II	5	3	1	2	3	3	48	77							x					
2	Introduction to Electronics	Physics II	5	3	1	2	3	3	48	77							x					
3	Programming Matlab	Introduction to Programming, Discrete Math, Probability and Statistic	5	3	1	2	3	3	48	77							x					

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 Programing, Data Structures and Algorithms II	5	3	1	2	3	3	48	77								x				
7	IoT - smart systems	Introduction to Microprocessors, Object Oriented Programing	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				

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				

	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:											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

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.

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>

№	Course title	Pre requisite	Credits	Hour	Distribution of Hours		Semester											
					Contact Hours	Independent Study Hours	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII

					Lec ture	Prac tical Wor k	Midt erm Exa m	Fina l Exa m	Total Contact Hours												
Mandatory courses of major study component																					
Mandatory courses of major study component (130 credits)																					
1	Intro ductio n to Progr ammi ng	N/A	5	3	1	2	3	3	48	77	x										
2	Fund ament al of Comp uter Archi tectur e and Tech nolog y Histo ry	N/A	5	3	1	2	3	3	48	77	x										
3	Infor matio n Tech	N/A	5	3	1	2	3	3	48	77	x										

	nologies																					
4	Object Oriented Programming	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 Programming	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	5	3	1	2	3	3	48	77			x									

		computer architecture and history of technology																				
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								

	admini- stration (Win- dows)	and Archi- tecture																				
13	Fun- damenta- ls of Net- work Com- munications	Computer Organization and Archi- tecture	5	3	1	2	3	3	48	77				x								
14	Program- ming Para- digms	Object Oriented Program- ming	5	3	1	2	3	3	48	77					x							
15	Theory of Computation	Linear Algebra, Discrete Math, Data Structures	5	3	1	2	3	3	48	77					x							

		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 Structures	5	3	1	2	3	3	48	77						x						

		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 igen 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						

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 lopm ent II (Java Scrip t)	5	3	1	2	3	3	48	77							x					
6	Fund ament als of Softw are Testi ng	Web Deve lopm ent I (Fron tEnd) , Web Deve lopm ent II (Java Scrip t), Mobi le App Deve	5	3	1	2	3	3	48	77								x				

		lopment																				
7	IT Project Management	N/A	5	3	1	2	3	3	48	77								x				
8	Network Systems Engineering	Computer Organization and Architecture, Fundamentals of Network Communications	5	3	1	2	3	3	48	77								x				
	Information Security - Mandatory Elective (40 credits)																					
1	Operating Systems - Linux	Computer Organization	5	3	1	2	3	3	48	77						x						

		and Architectu re																				
2	Intrdo uctio n to crypt ograp hy	Fund ame ntals of Netw ork Com unica tions	5	3	1	2	3	3	48	77						x						
3	Cloud Comp uting	Fund ame ntals of syste ms admi nistr ation (Win dows)	5	3	1	2	3	3	48	77						x						
4	Netw ork Infras tructu re Admi nistra tion	Fund ame ntals of Netw ork Com	5	3	1	2	3	3	48	77							x					

		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				

		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	Obje ct- 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#	Obje ct Orie nted 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				

		Lear ning)																				
13	Man age men t of infor mati on syst ems	Netw ork Infra struct ure Admi nistra tion	5	3	1	2	3	3	48	77				x		x	x	x				
Free Study Component (minimum 50-70 credits)																						
Compulsory courses of free study component (50 credits)																						
1	STE M	N/A	5	3	1	2	3	3	48	77	x											
2	Calc ulus I	STE M	5	3	1	2	3	3	48	77		x										
3	Phys ics I	STE M	5	3	1	2	3	3	48	77		x										
4	Line ar Alge bra	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			
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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											
					Contact Hours					Independent Study	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
					Lecture	Practical Work	Midterm Exam	Final Exam	Total 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											

	Pro gra mmi ng																						
2	Fun dam enta l of Co mpu ter Arc hite ctur e and Tec hnol ogy Hist ory	N/A	5	3	1	2	3	3	48	77	x												
3	Info rmat ion Tec hnol ogie s	N/A	5	3	1	2	3	3	48	77	x												
4	Obj ect Orie nted Pro gra	Introdu ction to Progra mming	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 Orien ted 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- oriente 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 Dev elop men 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 Alg orit hms II	Data Structu res 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 syst ems adm inist ratio n (Wi ndo ws)	ization and Archite cture																					
13	Fu nda me nta ls of Net wo rk Co mu nic ati ons	Compu ter Organi zation and Archite cture	5	3	1	2	3	3	48	77				x									
14	Instr ume nts of 3D Gra phic s I	Inform ation technol ogies	5	3	1	2	3	3	48	77					x								
15	The ory	Linear Algebr	5	3	1	2	3	3	48	77					x								

	of Co mpu 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 ficial 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	Relation al 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 Matlab	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 Matlab 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	Pro gra mi ng Lan gua ge C#	Objec t Orien ted Progr ammi ng, Data Struct ures and Algori thms I	5	3	1	2	3	3	4 8	77				x		x	x	x				
7	We b De vel op me nt - Dja ng o	Intro ducti on to Progr ammi ng	5	3	1	2	3	3	4 8	77				x		x	x	x				
8	Ne ura l Net wo rks	Deep Learn ing	5	3	1	2	3	3	4 8	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	Calculus 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
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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.

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.

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/en/artificial-intelligence-and-data-analytics-eng>

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	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											

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 administration (Windows)	Computer Organization and Architecture	5	3	1	2	3		3	48	77			x							
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 of Computation	Linear Algebra, Discrete Math, Data Structures	5	3	1	2	3		3	48	77				x						

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	Game Development	Object Oriented Programming, Instruments of 3D Graphics II																					
1			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 Inteligence	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 Analitics - Mandatory Elective (35 credits)																							
1	Graphic Design	N/A	5	3	1	2	3		3	48	77						x						
	Programming Matlab	Introduction to Programming, Discrete Math, Probability and Statistic															x						
3			5	3	1	2	3		3	48	77												
3	UI/UX Design	Graphic Design	5	3	1	2	3		3	48	77							x					
4	Cloud Computing	Introduction to Programing	5	3	1	2	3		3	48	77								x				
5	Discrete Data Processing in Matlab 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 Entrepreneurs hip	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	Programing Language C#	Object Oriented Programmin g, Data Structures and Algorithms I	5	3	1	2	3		3	48	77				x		x	x	x				

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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

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			

	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			
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.																

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

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.
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.
3. In a critical and foreign environment, develops alternative solutions and selects the optimal option from them.
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.
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.
6. Adheres to the fundamental principles of accountability, social responsibility, and ethical value standards.
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.
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.
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.

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-usaftrtkhoebis>

#	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 (total)					
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			
Note: 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; 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. 3. 150 hours of practice includes 124 contact hours (including 4 hours for defense), as well as 26 hours of independent work.															

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
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Elective courses	18 ECTS
Supplementary programme ¹	
Total	120 ECTS

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/Oral	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		

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..

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 Science III	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									

[illegible]

9	General components	9 EST	9	225		95						15	110	115					X	X	X				
Note: The student can independently create an individual profile (program) taking into account the specifics of the optional components, as well as his future career interests - choose the required number (18 credits) of training courses in the relevant semesters from the elective courses of the main field; Also, in the free component, the student, depending on his field of interest, can choose study courses from other educational programs within 9 credits (taking into account their prerequisites).																									
შენიშვნა: სტუდენტს შეუძლია დამოუკიდებლად შექმნას ინდივიდუალური პროფილი (პროგრამა) არჩევითი კომპონენტების სპეციფიკის, ასევე საკუთარი სამომავლო კარიერული ინტერესების გათვალისწინებით - აირჩიოს საჭირო რაოდენობის (18 კრედიტი) სასწავლო კურსები შესაბამის სემესტრებში ძირითადი დარგის არჩევითი კურსებიდან; ასევე თავისუფალ კომპონენტში სტუდენტს, თავისი ინტერესის სფეროს მიხედვით, შეუძლია აირჩიოს სასწავლო კურსები სხვა საგანმანათლებლო პროგრამებიდან 9 კრედიტის ფარგლებში (მათი წინაპირობების გათვალისწინებით).																									

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.

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 FORMULA	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										

15	Research in Med II	I 10	3	90	14	19					1	2	36	54			X										
16	Body function and structure IV	I 11	10	300	33	81		2	10		1	4	131	169				X									
17	BioMed Science IV	I 12	9	270	35	65			20		1	2	123	147				X									
18	Sociology		3	90	14	16					1	2	33	57				X									
19	Doctor and Patient IV	I 13	5	150	14	58				12	1	4	89	61				X									
20	Research in Med III	I 15	3	90	14	19					1	2	36	54				X									
21	Clinical physiology and Behavioral science	I 16 18 19	6	180	14	47			12		1	4	78	102					X								
22	Med informatic	I 19	3	90	14	19					1	2	36	54					X								
23	Public health I	I 18	5	150	14	45					1	2	62	88					X								
24	Basic pathology and Pharmacology	I 16 17	8	240	28	58		4	10		1	2	103	137					X								
25	Doctor and Patient V	I 16 17 19	8	240	14	86				10	1	4	115	125					X								
26	Public health II	I 23	5	150	14	45					1	2	62	88						X							
27	Organ based pathology and Pharmacology	I 24	8	240	28	58		4	10		1	2	103	137						X							
28	Doctor and Patient VI	I 25	9	270	28	86				10	1	4	129	141						X							
29	General surgery and clinical skills	I 19 24	5	150	14	44				6	2	4	70	80						X							

30	Public health III	I 26	5	150	14	45					1	2	62	88							X					
31	Interanl 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	Interanl 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	Interanl 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	Interanl 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											Independent Working Hours	I	II	III	IV	V	VI	VII	VIII	XI	X
				Lecture	W.G.A.	P.W.	Laboratory	CBL	PBL	Midterm Exam	Presentation/Oth	Final Exam	Contact Hours (Total)												
2	3	4	5	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						

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	

Oral Medicine	34	4	120	30	8	7				2		1	48	72									X	
Dental Surgery VI	42	4	120	20	15	15				1		3	54	66									X	
Prosthetic Dentistry VI	43	4	120	20	15	15				1		3	54	66									X	
Pediatric Dentistry for Therapist IV	44	6	180	20	24	24				2	5	3	78	102									X	
Orthodontics III	45	4	120	20	20	20				1		2	63	57									X	
Pediatric Dental Surgery I	42	2	60	8	8	8				1		2	27	33									X	
Geriatric Dentistry	46	3	90	10	10	10				1		2	33	57										X
Periodontology IV	41	4	120	42	8	12				4		1	67	53										X
Dental Surgery VII	50	4	120	20	15	15				1		3	54	66										X
Dental Implantology	50, 51	8	240	20	40	40				1		3	104	136										X
Orthodontics IV	53	4	120	20	20	20				1		2	63	57										X
Pediatric Dental Surgery II	54	2	60	8	8	8				1		2	27	33										X
Research Project	1...54	5	150										35	115										X
Elective (6-12 credits)																								
Healthcare management	-	3	90	18	31					1		2	52	38					x					
Nutritionology	-	3	90	9	9	18		6		2		4	48	42					x					
Medical law	-	3	90	16	29					2		3	50	40							x			
History of medicine	-	3	90	14	28					3	3	3	51	39							x			
Behavioral science	-	3	90	16	29					2		3	50	40							x			
Free study courses (9-15 credits)																								
Mandatory (9 credits)																								
Academic Writing	-	3	90	14	18					2		3	37	53	x									
Georgian language I	-	3	90			30				3		4	37	53	x									
Georgian language II	68	3	90			30				3		4	37	53		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:

Students are enrolled in the program per the rules established by the Georgian legislation and is based on the results of the Unified National Exams. It is mandatory to

- Pass the English language component with 70% of the maximum score;
- Overcome the mathematics and/or history component.

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

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.

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
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Total credits:											180
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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.

