



LLC Davit Aghmashenebeli University of Georgia

Annex 2

Approved:

By the N 3 decision of the Academic Council

18.05.2021

Title of the Doctoral Programme;

Economics

□ Academic Higher Education Cycle:

Doctoral Studies (III cycle:)

□ Wide field: 03 Social Sciences, Journalism and Information

□ Narrow field:

031 Social and Behavioral Sciences

□ Detailed Field:

0311 Economics

□ Language of instruction:

Georgian

□ Qualification to be awarded:
PhD in Economics

□ Duration of doctoral studies:

3 years

□ Head of the Programme:

Davit Kbiladze, professor

Admission Requirements of the Doctoral Programme

A person holding a Master's degree or an equivalent academic degree who meets the requirements established by the "Regulations of Dissertation Council and Doctoral Studies of the School of Business and Technology" of the Davit Aghmashenebeli University of Georgia has the right to study at the Doctoral Programme in Economics.

In accordance with the Article 50 of the Law of Georgia "On Higher Education", a graduate of a foreign higher educational institution can obtain the right to study at the PhD Programme. Those wishing to study in the programme are required to: Have knowledge of a foreign language (English) at least B2 level, which can be confirmed by an internal university exam or a certificate of language proficiency. A doctoral candidate is exempted from the language test or obligation to present a relevant certificate, in case of presentation of a document confirming the education received in a relevant foreign language in Georgia or abroad (the authenticity of which must be confirmed by the National Center For Educational Quality Enhancement). It is possible to continue studies at the programme through mobility, according to the rules established by the current legislation of Georgia. A prerequisite for enrolling a person in the Doctoral Programme in Economics is compliance with the requirements established by the "Regulations of Dissertation Council and Doctoral Studies of the School of Business and Technology" and passing the selection competition.

Goal of the Doctoral Programme

The goal of the Doctoral Programme in Economics is to train highly qualified personnel with a PhD degree in economics who will have:

1. Theoretical knowledge based on the latest achievements in the field, modern methods of research and teaching;
2. Ability to systematically and critically understand economic problems in a multidisciplinary and/or interdisciplinary context;

The graduates will develop:

3. Skills needed to independently conduct scientific researches focused on the generation and formation of new knowledge, economic solutions, to implement their results in practice, to present them at the local and international level;
4. Knowledge transfer-presentation skills using modern teaching methods in higher educational institutions;
5. Adhering to the principles of scientific-research ethics and academic integrity, the ability to conduct research based on the latest achievements and conduct a development-oriented teaching process.

The Doctoral Programme goals are public, accessible and shared by interested parties involved in the development of the programme.

Learning outcomes

Knowledge and Understanding

1. Generalizes systematic theoretical knowledge based on the latest achievements of economics;
2. Defines modern teaching methods;
3. Considers the latest and innovative methods of research in the process of solving the problem independently;
4. Identifies economic problems, understands them in systematic and critical way in a multidisciplinary and/or interdisciplinary environment;

Skills

5. Uses modern teaching methods in economic disciplines;
6. Critically analyzes problems in the process of research planning and implementation, evaluates economic processes and events on the basis of appropriate reasoned conclusions and recommendations;
7. Plans and carries out research, develops a scientific product focused on the creation of new knowledge and publishes it in peer-reviewed and refereed scientific periodicals, including one journal with an international impact factor or in the materials of an international scientific conference (so called proceedings).

Responsibility and Autonomy

8. In compliance with the principles of academic ethics and integrity, independently creates a scientific product and conducts the teaching process.

Comparison of educational programme goals and outcomes/map of programme goals and learning outcomes

Educational Programme Goals	Learning outcomes of the educational programme	Note
<p>Training of highly qualified personnel with a PhD in Economics who will have: In-depth theoretical knowledge in the field, in modern methods of research and teaching;</p> <p>Ability to systematically and critically understand economic problems in a multidisciplinary and/or interdisciplinary context.</p>	<p>□□ Generalizes systematic theoretical knowledge based on the latest achievements of economics; □□□ Determines modern teaching methods; □□ Considers the latest and innovative methods of research in the process of solving the problem independently;</p> <p>□□ Identifies economic problems, understands them in systematic and critical way in a multidisciplinary and/or interdisciplinary environment;</p>	
<p>Skills needed to independently</p> <p>Skills of knowledge transfer-</p>	<p>□□□ Critically analyzes problems in the process of research</p> <p>□□□ Plans and carries out research, develops a scientific product</p> <p>(so called proceedings);</p> <p>□□□ Uses modern teaching methods in economic disciplines;</p>	

The ability to conduct research	☐ Independently, in compliance with the principles of academic	
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Doctoral Programme Volume in Credits

The duration of the doctoral programme is at least 3 years and the educational component includes 50 credits (1 credit = 25 hours).

Doctoral Programme Structure

The formation of knowledge, skills, responsibility and autonomy corresponding to the academic degree of Doctor of Economics is based on the synthesis of teaching and research components provided by the Doctoral Programme, which are aimed at achieving the learning outcomes of the Doctoral Programme. The teaching and research components included in the Doctoral Programme are coherent and logically arranged.

Doctoral Programme in Economics

I The study component of the programme 50 credits, including:

1) Compulsory components - 35 credits

- ☐ Learning courses - 20 ECTS credits
- ☐ Professor's assistantship - 5 credits
- ☐ Sectoral seminar 10 credits

2) Elective components - 15 credits

☐ Elective training courses of the Doctoral Programme II research component of the programme (mandatory)

- ☐ Preparation and defense of a dissertation

Methods for achieving learning outcomes

The Doctoral Programme is implemented using student-oriented teaching-learning methods that are consistent with the programme content, learning outcomes, and ensure preparation of a specialist with relevant knowledge, skills, responsibilities, and autonomy. The teaching and learning process uses the methods as: Interactive lecture, participation in a working group, practical work, teaching by electronic resources, etc. Teaching-learning methods in turn include various activities, written and verbal, individual and group work, explanation, verbal method, demonstration, presentation, discussion/debate, problem-based learning, case study, brain storming, analysis, synthesis, action-oriented learning, practical work methods, etc. The selection of teaching-learning methods is aimed at stimulating the active participation of students in the teaching component, and developing and perfecting research skills in the research component.

PhD Student's Knowledge Assessment System

Evaluation of the achievement level of learning outcomes of a student is performed by 100 points (maximum 100 points) system. The learning component includes the midterm and final evaluations. Minimal competency threshold of the midterm evaluation is 31 points. The minimum competency threshold for the final exam is 50% of the maximum evaluation for the final exam. It shall be impermissible to assign a credit using only one form of evaluation (midterm or final evaluation). The final evaluation (points) of the academic component is the sum of the points obtained in the forms of midterm and final assessment.

Information about the assessment system and components is provided in the course/component syllabi and is available to PhD students. The learning component evaluation system of the Doctoral Programme allows:

Five types of positive evaluation:

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

Two types of negative assessments:

- (FX) Did not pass – 41-50 points, meaning that a student needs to work more for passing and is granted the right to sit an additional examination by means of an independent work;
- (F) Failed - 0-40 points, which means that the work done by the student is not enough and he/she has to retake the course. Research component of the Doctoral Programme includes drafting and defending a dissertation. Dissertation may be defended once (through the final assessment) within the semester when the student finishes working on it or in the following semester. The dissertation will be considered defended

if the final assessment of the Dissertation Commission is 51% or more. The following assessment system is used to evaluate the dissertation paper:

- a) Excellent (*summa cum laude*) – excellent work (91-100 points);
- B) Very good (*magna cum laude*) – a result that exceeds the defined requirements in all aspects (81-90 points);
- C) Good (*cum laude*) – a result that exceeds the defined requirements (71-80 points);
- D) Medium (*bene*) - a result that meets all the defined requirements in all respects (61-70 points);
- E) Satisfactory (*rite*) – a result that, despite the flaws, still meets the defined requirements (51-60 points);
- F) Unsatisfactory (*insufficient*) - the result that does not meet the requirements due to significant shortcomings (41-50 points);
- G) Absolutely unsatisfactory (*sub omni canone*) - a result that completely fails to meet the defined requirements (0-40 points).

If the dissertation gets "Unsatisfactory" (41-50 points) evaluation, a PhD student shall have a right to present a re-designed dissertation work during a year. In case of getting "Absolutely Unsatisfactory" (less than 41 points) evaluation for substantial shortcomings, a student is deprived of the right to present the same dissertation work. In order to evaluate the progress of the doctoral studies, the PhD student submits a report on the performance of the research component to the Sectoral Committee of the Defense Commission every semester. Dissertation assessment components, criteria, and scoring are outlined in the Regulations of the Defense Commission of School of Business and Technology and Doctoral Studies. Information about the assessment system and components is available for doctoral students.

Areas of Employment

A graduate of the Doctoral Programme in Economics - a doctor of economics can work in all those positions where decision-making requires knowledge based on the latest achievements in the field, the ability to analyze and forecast. The graduate can be employed: In state structures, international organizations of economic profile, corporations and consulting centers, international and local enterprises/firms of any organizational-legal form, higher educational and scientific-research institutions.

Material resource for the programme implementation:

The Doctoral Programme in Economics is provided with library, material and information-technological resources, which ensure the achievement of the goals and outcomes of the programme. Namely, these include: Library resource, classrooms equipped with appropriate inventory, conference halls, television equipped with the latest technology and equipment - SDASU TV, where students and professors of the School of Business and Technology prepare TV programmes to popularize science, also there are computer centers, working rooms of academic and administrative staff, etc. The library contains the mandatory

literature defined by the syllabi of the study courses and other study material (including those on electronic carriers). The library fund on printed and electronic carriers is renewable in the wake of current developments of the field and ensures the achievement of learning outcomes of the Doctoral Programme and the implementation of research activities. International electronic library databases are available to PhD students and staff. Namely: ELSEVIER (Scopus; Science Direct; Scival Funding (Funding Institutional), Cambridge Journals Online (<https://www.cambridge.org/core>); Edward Elgar Publishing Journals and Development Studies e-books (<https://www.elgaronline.com/page/70/journals>), e-Duke Journals Scholarly Collection (<https://read.dukeupress.edu/>), SAGE Premier (<https://journals.sagepub.com/>), <https://projecteuclid.org/>, <https://www.annualreviews.org/action/showPublications> which allow access to the latest scientific data to achieve the programme learning outcomes. Verification of scientific research projects/papers performed at the University is carried out using the anti-plagiarism system.

Human resource for the programme implementation:

Implementation of the PhD Programme is ensured by highly qualified teaching staff. The components of the educational programme are carried out by the academic and invited staff of the University, who have the appropriate competence to produce the learning outcomes - they hold the academic degree of a Doctor (or equivalent), have experience in scientific-research activities, etc.

Financial support for the implementation of the Doctoral Programme

Budget of the School of Business and Technology provides support for the Doctoral Programme. The school budget includes remuneration for the staff implementing the programme, renewal of the book fund and study materials, financing of scientific researches (including internal grants, conferences, etc.), financing student initiatives and other activities.

Head of the Programme

Head of the Quality Assurance Department

Annexes to the Doctoral Programme in Economics

Annex 1

Curriculum of the Doctoral Programme in Economics
Doctoral programme components by credits and learning semesters

#	Study and Research Components	Admission requirements	Credits	Hours	Distribution of hours					Semesters					
					Contact hours				Independent work hours	I	II	III	IV	V	VI
					Lecture	Group work/midterm exam	Final examination	Total contact hours							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
I Programme study components - 50 credits, including:															
1) Compulsory components - 35 credits															
1.	Modern Teaching Methods	-	5	125	14	31	2	47	78	x					
2.	Economic Policy	-	5	125	28	17	2	47	78	x					
3.	Economic Research Methods, Data Processing and Analysis	-	5	125	30	30	2	62	63	x					
4.	Contemporary Challenges of Sustainable Development	-	5	125	16	29	2	47	78		x				
5.	Professor's Assistantship	1	5	125					125		x				
6.	Field Seminar	3	10	250	20				230		x				
2) Elective Components - 15 credits.															
1.	English Language for Economists	-	5	125		45	2	47	78	x					
2.	Use of Information and Communication Technologies in Research and Teaching	-	5	125	-	30	2	32	93	x					
3.	Academic Writing		5	125	14	16	2	32	93	x					
4.	Econometrics	-	5	125	15	15	2	32	93	x					
5.	Science Management	-	5	125	15	30	2	47	78	x					
II Research component of the programme															
1.	Preparation and Defense of a Dissertation														X

Map of learning outcomes - competences

Curriculum map

#	Academic courses	Learning outcomes							
		Outcome 1	Outcome 2	Outcome 3	Outcome 4	Outcome 5	Outcome 6	Outcome 7	Outcome 8
1	Modern Teaching Methods		1,2,3			2			
2	Economic Policy	1,2			1,2		1,2		
3	Economic Research Methods, Data Processing and Analysis			1,2			1,2	1,2	1,2
4	Contemporary Challenges of Sustainable Development	1,2			1,2		1,2		
5	Professor's Assistantship					2,3			
6	Field Seminar	2		2	2		2	2	2
7	Preparation and Defense of a Dissertation	3		3	3		3	3	3

Outcome 1. Generalizes systematic theoretical knowledge based on the latest achievements of economics; Outcome 2. Defines modern teaching methods;

Outcome 3. Considers the latest and innovative methods of research in the process of solving the problem independently;

Outcome 4. Identifies economic problems, their systematic and critical understanding in a multidisciplinary and/or interdisciplinary environment;

Outcome 5. Uses modern teaching methods in economic disciplines;

Outcome 6. Critically analyzes problems in the process of research planning and implementation, evaluates economic processes and events on the basis of appropriate reasoned conclusions and recommendations;

Outcome 7. Plans and carries out research, develops a scientific product focused on the creation of new knowledge and publishes it in peer-reviewed and refereed scientific periodicals, including one journal with an international impact factor or in the materials of an international scientific conference (so called proceedings).

Outcome 8. In compliance with the principles of academic ethics and integrity, independently creates a scientific product and conducts the teaching process.

Note: In Annex 3, the numbers written at the intersection of the column of the outcome and study courses indicate how concrete study course develops the corresponding learning outcome. Namely: 1- Introduction; 2 - Deepening; 3 - Strengthening.

Academic/invited staff of the Doctoral Programme in Economics

Name, surname	Status	of Affiliation	Academic courses
Davit Kbiladze	Professor	Affiliated	Contemporary Challenges of Sustainable Development Professor's Assistantship, field seminar
Tinatini Doliashvili	Professor	Affiliated	Professor's Assistantship, field seminar
Lela Natroshvili	Professor	Affiliated	Use of Information Technologies in Teaching and Research
Elizabeth Baliashvili	Professor	Affiliated	Science Management
Nino Liparteliani	Associated Professor		Economic Policy
Khatia Shevardnadze	Associated Professor		Academic Writing
Maya Memarnishvili	Invited specialist		Modern Teaching Methods
Shalva Beriashvili	Invited specialist		Econometrics
Tamar Khetsuriani	Invited specialist		English Language for Economists
Rusudan Seturidze	Invited specialist		Economic Research Methods, Data Processing and Analysis
Irine Manizhashvili	Invited specialist		Academic Writing
Nana Akhalaia	Invited specialist		Economic Policy
Giorgi Liluashvili	Invited staff		Use of Information Technologies in Teaching and Research

Target Benchmarks

N	Learning Outcome	Component	Assessment Criteria	Target Benchmark
	Knowledge and Understanding			
1.	Generalizes the latest economic systematic based on achievements theoretical knowledge	Thesis paper	1. paper relevance 2. Structure 3. The novelty of the 4. Credibility of the	maximum assessment not less than 80%
2.	Defines modern teaching methods	Contemporary teaching		Not less than 80% of
3.	Acknowledges the latest and innovative	Dissertation work	1. Relevance of	Not less than 80% of
4.	Identifies economic problems, understands	Dissertation work	1. Critical analysis of	Not less than 80% of
	Skills			
5.	Uses modern teaching methods in economic	Professor's Assistantship		Not less than 80% of
6.	Critically analyzes the problems in the	Dissertation work	1. Theoretical and 2. Critical analysis of	Not less than 80% of

7.	Plans and conducts research,	Dissertation work	1. Presentation 2. Scientific Discussion	Not less than 85% of
Responsibility and Autonomy				
8	Implements the measures envisaged by the	Dissertation work	1. Academic Writing style 2. Credibility of the data 3. Presentation, 4. Scientific Discussion	Not less than 90% of