Admission Prerequisites

The right to study in the doctoral educational programme is granted to a person who holds a Master's degree or an equivalent academic degree.

A candidate wishing to enrol in the programme must submit:

1. A research project outlining the applicant's research aim and direction;
2. A relevant international certificate confirming knowledge of English at no lower than B2 level, or successfully pass a B2-level English language test organised and administered by GTU. A candidate who has completed a recognised English-language educational programme at any level of higher education is not required to pass the examination or present a certificate (completion of an English-language programme is confirmed by the relevant qualification document, i.e. a diploma);
3. Document(s) confirming previous work/publications in the relevant field and/or participation in scientific research projects and events and/or at least 2 years of work experience in the relevant field;
4. Other documentation/information predetermined by the University on the basis of the Regulations on Doctoral Studies of the LEPL Georgian Technical University.

A candidate whose submitted documentation fully meets the formal requirements is interviewed by the Temporary Faculty Commission. In accordance with the procedure established by the legal acts of GTU, the Temporary Faculty Commission ensures the assessment of persons wishing to be admitted to the programme in compliance with the principles of objectivity, fairness and transparency. Consideration is given to the assessment of the candidate's experience and abilities necessary for the successful completion of the doctoral educational programme, including (where available) the candidate's scientific publications, experience of participation in scientific conferences, and other documents and materials related to teaching/research activities (certificates, diplomas, patents, etc.).

Full information on the procedure for admission to doctoral studies and the conditions of enrolment, as well as sample(s) of the English language examination tests, is available on the official website of the University: https://www.gtu.edu.ge/migheba/programebi/migheba-saphekhurebis-mikhedvith/doqtorantura/doqtorantura-migheba/

Enrolment in the programme by way of mobility is possible twice a year, within the time frames established by the Ministry of Education, Science and Youth of Georgia, in compliance with the conditions and rules defined by the legislation of Georgia and the legal acts of GTU.

Enrolment in the programme from a recognised higher education institution of a foreign country is carried out in accordance with the procedure established by the legislation of Georgia.

Programme Goal

The goal of the programme is:

- To develop existing knowledge in the field of innovation and operations management and/or to focus on the creation of new knowledge through the implementation of original, modern and innovative research;
- With an awareness of the importance of the commercialisation of innovative research results and of technology transfer, to prepare doctoral students for independent scientific research and pedagogical activities in compliance with the principles of academic and professional integrity.

Learning Outcomes/Competences (General and Professional)

1. Has knowledge based on the latest achievements in the field of innovation and operations management, which enables a systematic and critical understanding of the field of research and/or activity and the development of existing knowledge in an interdisciplinary context;
2. Independently plans and conducts research aimed at improving existing knowledge and/or creating new knowledge. Makes an original research contribution to the development of existing knowledge in the field of innovation and operations management.
3. With an awareness of the importance of innovative knowledge and approaches, is able to rethink, analyse and synthesise existing data and empirical experience and, where necessary, to reassess/update it.
4. By generating theoretical perspectives and assessing the transfer potential of modern scientific and technological achievements, and using new knowledge formed on the basis of creative research, implements projects aimed at creating an innovative product, service and/or process.
5. Using an appropriate style of academic argumentation and modern information technologies, presents innovative projects, scientific findings and opportunities in the field of innovation and operations management, taking into account the reasonable interests of the target audience;
6. In scientific and pedagogical activities, is guided by adherence to academic and professional ethics.

Student Knowledge Assessment System

Assessment is carried out on a 100-point scale.

Assessment of the Study Component:

Positive grades are:

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

Negative grades are:

- **(FX)** – Did not pass – 41–50 points, which means that the student needs more work to pass and is given the right to sit an additional examination once after independent work;

(F) – Failed – 40 points or less, which means that the work carried out by the student is not sufficient and the subject must be studied anew.

Assessment of the Scientific Research Component/Components:

a) Excellent (summa cum laude) – an outstanding piece of work – 91–100 points;

b) Very good (magna cum laude) – a result that exceeds the set requirements in every respect – 81–90 points;

c) Good (cum laude) – a result that exceeds the set requirements – 71–80 points;

d) Average (bene) – a work of average level that meets the main set requirements – 61–70 points;

e) Satisfactory (rite) – a result that, despite shortcomings, still meets the set requirements – 51–60 points;

f) Unsatisfactory (insufficient) – a work of unsatisfactory level that does not meet the set requirements – 41–50 points;

g) Completely unsatisfactory (sub omni canone) – a result that completely fails to meet the set requirements – 40 points or less.

If the grade "unsatisfactory" (insufficient) is received, the Dissertation Defence Board determines the conditions and time frame for the doctoral student to resubmit the dissertation (while retaining student status), whereas if the grade "completely unsatisfactory" (sub omni canone) or a repeated "unsatisfactory" grade is received, the doctoral student loses the right to submit the same dissertation. **The research component of the doctoral educational programme is assessed as a whole, by a final assessment.**

Subject	**Credits**
Teaching Methods	5
EU Innovation Policy	5
Modern Trends in Enterprise Management	5
Academic and Scientific Communication Techniques B	5
Thematic Seminar	10
Process-Based Business Organisation	5
Intellectual Property Management	5
Professor's Assistantship	5
Market Research Methods for Innovative Technologies	5
Commercialisation of Innovative Technologies	5
Cyber and Information Security	5
Planning and Implementation of Scientific Research Projects	
Environmental Chemical and Biological Technologies	
Research Component	-
Total	**60**