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. Consideration is given to: scientific publications; participation in scientific conferences; other documents and materials related to teaching/research activities (certificates, diplomas, patents, etc.).

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.).

Enrolment in the programme through mobility is possible twice a year, within the time frames established by the Ministry of Education and Science of Georgia, in compliance with the mandatory procedures and the rules established by the University.

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

External mobility. Enrolment in the educational programme is also possible through mobility, in accordance with the "Rules for Transfer from a Higher Education Institution to Another Higher Education Institution" approved by Order No. 10/N of the Minister of Education and Science of Georgia of 2 February 2010.

Internal mobility. Applicants are also admitted to the educational programme through internal mobility. The time frames and procedures for internal mobility are established by a legal act of the University, and the information is published on the University website.

The educational programme is public and accessible to all interested persons. Information on the processes and procedures for enrolment in educational programmes is published on the website of the Georgian Technical University, both in the news section and on the page of the Teaching Department. The educational programmes are published on the Faculty website, where any interested person has the opportunity to become acquainted with both the admission prerequisites of the programme and its content.

Contact information is provided on the websites of the University's Teaching Department and Quality Assurance Service, as well as on the Faculty website. Anyone interested has the opportunity to receive information and consultation on any matter, both by telephone and by e-mail.

Programme Goal

The goal of the doctoral programme in Animal Husbandry is to prepare a researcher who is equipped with knowledge based on the latest achievements and with the skills to use modern research methods and technologies, and who is oriented towards pedagogical activity, and who will be able to:

The goal of the doctoral programme in Animal Husbandry is to prepare a highly qualified specialist, teacher and researcher who meets the international standards of the field and is knowledgeable in modern technologies, and who will be able to:

- Make decisions through the broad application of the theoretical and practical knowledge and research results obtained;
- Improve animal productivity and find ways to increase it, and ensure animal welfare for food safety;
- Plan, conduct and analyse multifactorial experiments with the aim of animal selection, management of husbandry and housing systems, increasing productivity and improving product quality;
- Research, assess and implement solutions to problems related to the breeding, husbandry and housing, and balanced feeding of farm and companion animals;

Learning Outcomes/Competences (General and Professional)

- On the basis of constitution and exterior, **determines** the assessment, feeding and selection of animals and the use of innovative methods in breeding;
- Using innovative methods, **selects** the latest achievements of breeding work in herd reproduction for livestock enterprises of various specialisations;
- **Examines** feed, the energy potential of its individual ingredients and their influence on the production process, and the prospects for improving quality and increasing productivity;
- **Carries out** critical analysis, synthesis and evaluation of new, complex and contradictory ideas and approaches in the field of animal husbandry, and makes correct and effective decisions to solve problems;
- In compliance with the principles of academic integrity, **plans** innovative research on the assessment of the origin and progeny quality of animals and poultry;
- Where necessary, **determines** the need for additional research of feed or of the food raw materials obtained, and the valid laboratory methods to be used.
- Taking into account specific features, independently **creates** high-quality feed rations for animal husbandry and **ensures** supply with balanced feed
- By sharing the scientific and practical problems facing the field of animal husbandry, **develops** strategies and methods for solving them, and **participates** in local and international scientific and practical forums;
- In compliance with the principles of academic and supervisory integrity, independently **implements** innovative research projects based on the latest technological achievements in the field of animal husbandry.

Student Knowledge Assessment System

Assessment is carried out on a 100-point system.

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.

If FX is received, an additional examination is scheduled no earlier than 5 days after the announcement of the results. The grade obtained in the additional examination is not added to the points received in the final assessment.

Assessment of the scientific research component/components:

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

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

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

d) Average (bene) – a work of average level that meets the basic set requirements;

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

f) Unsatisfactory (insufficient) – a work of unsatisfactory level that does not meet the set requirements due to significant shortcomings;

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

The research component is assessed once, at the stage of the dissertation defence, by a final assessment.

Subject	**Credits**
Scientific Communication Techniques	**4**
Teaching Methods	**6**
Animal and Poultry Breeding	**8**
Elective study courses of the speciality	**10**
Rational Feeding of Animals and Poultry	10
Technology for Processing Food Raw Materials of Plant Origin into Animal Feed	5

Weather and Agroclimate in Animal Husbandry	5
Useful Plants in Animal Husbandry	5
Animal Nutrition and Feed Rations	**5**
Scientific Research Methods in Animal Husbandry	**5**
Professor's Assistantship	**10**
Thematic Seminar	**12**
Research Component	–
Total	**60**