

**Gorgan University of Agricultural
Sciences and Natural Resources**





HISTORY

GUASNR is the first higher education institute in Iran specializing in agricultural sciences and natural resources.

GUASNR is trying to achieve the set goals and qualities by providing a wide range of undergraduate and postgraduate programs leading to BSc, MSc, and PhD degrees. Today, GUASNR consists of 188 full-time academic members and several part-time, adjunct professors and affiliated members. The university has more than 4,000 students; among them, 38% are graduate students.

The university has nine faculties with a total of 23 departments at two different campuses. GUASNR, as the first and main teaching and research university in agricultural sciences and natural resources in Iran, offers 23 undergraduate and 80 postgraduate programs. GUASNR publishes 11 national and three international scientific journals. The university is actively cooperating internationally by hosting international meetings, excursions, and joint research works.



Faculty of Agricultural Management

The Faculty of Agricultural Management comprises two departments: Agricultural Economics and Agricultural Extension and Education. This faculty currently has nine academic members who carry out educational and research activities in various fields. The fields include Food Security, Production Economics, Agricultural Policy, Farm Management, Risk Management, Sustainable Agricultural Development, the Economics of Natural Resources and Environment, Agri-entrepreneurship, Agricultural Technology Management, Agricultural Extension, Agricultural Education, Innovation Adoption, Agricultural Technology Diffusion, Nature Conservation, Natural Resources Management, and Environmental and Agricultural Ethics. The mission of the Department of Agricultural Economics is to develop the required skills for students to analyze the market and technical forces affecting the agricultural sector and to make informed business decisions. The mission of the Department of Agricultural Extension and Education is to develop, support, and lead professionals in agricultural extension and education and to communicate practical knowledge and technology to help agricultural and rural development through outreach programs.





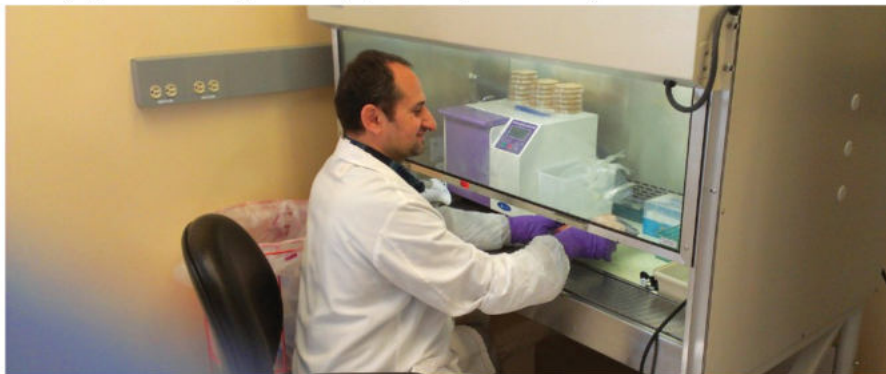
Faculty of Animal Science

The faculty includes two departments: Animal and Poultry Nutrition, as well as Animal and Poultry Physiology, Breeding, and Genetics. Today, the faculty has 13 academic members. There are five laboratories, including Nutrition, Physiology, Genetics and Biotechnology, and Microbiology and Honey bee for teaching purpose and conducting research projects. Moreover, two experimental farms host students for their research and educational purposes. The academic members of the faculty are experts in various fields of Animal and Poultry Nutrition, Physiology, Genetics and Breeding, Meat quality and Microbiology, and Honey bee. The faculty is effectively industry-focused and connected. Learning programs offer students hands-on sciences and excellent internship experiences. Postgraduate students are encouraged to take part in research projects from the first semester of their freshman year. Therefore, Students of the faculty are able to gain the knowledge needed to be successful in an animal science career.



Faculty of Food Science and Technology

The Faculty of Food Science comprises two departments of Food Science and Technology and Food Process Engineering and Material Science. The faculty has 13 academic members. The undergraduate and postgraduate students major in the fields of Food Engineering, Food Chemistry, Food Technology, and Food Biotechnology. This faculty is equipped with four specialized laboratories for training and research aims. Established in 2020, the Educational, Research, and Technology Complex (Food Pilot Plant), with an area of 1440 square meters, aims to establish food production units and industries, conduct industrial research projects, and train students practically. Several food analysis laboratories are located on the top floor of the food pilot plant, including quality control, microbiology, and panel tastes. Currently, three active entrepreneurial units have joined for the production of dried fruits (Frutas brand), Kombucha functional drink (Big Bucha brand), and dairy products (Lactis brand).





Faculty of Fisheries and Environmental Sciences

The faculty includes five departments, including Aquaculture, Production and Utilization of Aquatics, Seafood Processing, Environmental Design and Evaluation, and Wildlife Management. The Department of Environmental Sciences is equipped with three research laboratories for Animal Sciences and Wildlife Health, Environmental Pollution, and Genetics. The Departments of Fisheries are equipped with various specialized research laboratories, including hydrobiology and ichthyology, Phycolab (Algae Culture), food products chemistry, genetics, fish catching, aquaculture, and zebra. The Faculty of Fisheries and Environmental Sciences has 39 academic members. The specialized laboratories provide facilities for the students to be trained in various fields. PhD students in the Department of Environmental Sciences mainly major in Land Evaluation and Land use Planning, Biodiversity Conservation and Management and Environmental Pollutions. The departments of fisheries offer courses in three individual majors, including aquaculture, production and utilization of aquatics, and processing of fisheries products.



Faculty of Forest Sciences

The faculty comprises two departments: Silviculture and Forest Ecology and Forestry. The faculty has 13 academic members. cartography, remote sensing and GIS, ecosystem management, social-economic studies in forestry, road engineering, forest mensuration, and forest logistics and transportation are the main research interests of academic members of the Department of Forestry. The academic members of the Department of Silviculture and Forest Ecology pursue their research and teaching, focusing on silviculture, forest ecology, arboriculture, forestation, forest nurseries, forest breeding and genetics, forest biotechnology, and forest pathology and seed technologies. The faculty is equipped with modern laboratories, libraries, and advanced apparatus to conduct research in the fields of forest engineering, spatial planning, forest mensuration, cartography hall for excellence on GIS-RS studies, forest management planning, soil science, biotechnologies, ecophysiology, seed testing, and forest pathologies. Besides, the faculty manages ~4,000 hectares of the Hyrcanian forests, called the Shast-Kalate experimental forests, in northeast Iran.



The Faculty of Plant Production

The faculty of Plant Production is composed of four departments, Agronomy, Plant Breeding and Biotechnology, Plant Protection, and Horticultural Science and Landscape Engineering. It currently has 38 academic members. In the faculty, students study at three levels, BSc, MSc, and PhD. The undergraduate programs cover the fields of Plant Production and Genetic Engineering, Plant Protection, Horticultural Science, and Landscape Engineering. There are various more specialized programs offered in the postgraduate studies of MSc and PhD degrees. The Faculty of Plant Production currently includes more than 24 active research laboratories. It contains two research farms in which various experiments are carried out. Moreover, several scientific journals such as the International Journal of Plant Production (ISI), the Journal of Plant Production (in Farsi), and Crop Production (in Farsi), are published under the supervision of the faculty.



Faculty of Rangeland and Watershed Management

The faculty comprises three departments of Rangeland Management, Watershed Management, and Desert Management. At the moment, this faculty has 16 academic members, who are experts in rangeland ecology, monitoring, modeling, and management hydrology, geomorphology, soil and water conservation, integrated watershed management, wind erosion modeling, remote sensing, and GIS. The Department of Rangeland Management benefits from three laboratories and three experimental fields along with other facilities provided by other departments and research stations of forest and range organization through close collaboration among education and executive sectors offered throughout the country. The Department of Watershed Management is equipped with two specialized research laboratories: watershed studies and eco-hydrology. The Department of Desert Management is equipped with two specialized research laboratories for desert management and applied geology and geomorphology, as well as a research farm.





Faculty of Wood and Paper Engineering

The faculty comprises two departments of Paper Science and Engineering, and, Wood Engineering and Technology. Currently, the faculty has 15 academic members and offers undergraduate and postgraduate programs. The academic members mainly work on wood composites, wood engineering, non-destructive evaluation of wood, wood preservation modification, wood mechanics, wood machining and surface quality pulp and paper technology, paper coating, printing and packaging, paper recycling, biorefinery, biotechnology, nano-bio materials, and nano-biocomposites engineering. The faculty is equipped with several specialized laboratories for wood anatomy, wood biology, wood physics, wood chemistry, wood mechanics, wood composites, wood preservation, wood modification, wood non-destructive tests, wood surface quality, pulping technology, paper manufacturing, pulp and paper testing, paper converting and coating, paper recycling, and sustainable nanomaterials. The faculty has two well-equipped workshops: one for furniture production, and another for producing various types of wood composites.



Faculty of Water and Soil Engineering

The faculty is now home to three departments of Water Engineering, Soil Science, and Biosystems Engineering. Currently, the faculty has 26 academic members. There are four laboratories in the Department of Soil Science, including soil chemistry, fertility and plant nutrition, soil physics, soil biology and biotechnology, and soil micromorphology and clay mineralogy. The soil museum and the loess research center were established in 2016 and 2022, respectively. The Department of Water Engineering owns laboratories to study fluid mechanics and hydraulics, hydrology and water resources, soil mechanics, irrigation and drainage, and meteorology. Problems dealing with the collection, storage, control, transport, regulation, measurement, operation, and use of water are studied. There are several laboratories in the Department of Biosystems Engineering, including renewable energies, postharvest technology, electrical and electronics, sensors and biosensors, and robotics and mechatronics, as well as a well-equipped machining shop, which is accessible to the academics and students of the department.



International Affairs

GUASNR has considered the internationalization of the university activities and programs as a strategic goal. International activities of the university have been prioritized to achieve this goal, and an international workgroup, under the university's international office, was established with well-known representatives from each faculty to help in decision-making and development towards internationalization. Establishing a joint research center for geosciences with the Chinese Academy of Science is one of the remarkable activities in the field of climate change, water and soil resources, and their impact on human civilization. Drafting and concluding agreements with other universities and institutions abroad, providing services to university academic members and students to use research and study opportunities, and participating in international conferences, sabbaticals, and scholarships such as Erasmus, are among the main programs and activities of the international office.



International Journals

GUASNR publishes 3 peer-reviewed international journals: International Journal of Plant Production, Poultry Science Journal, and Environmental Resources Research. There are also 11 national journals in Farsi with English abstracts published in the specialized fields of Agricultural Sciences and Natural Resources.



Central Laboratory

The central laboratory of GUASNR was established in 2003 and is one of the first academic central laboratories in Iran. It is equipped with advanced high-tech laboratory equipment and is under the supervision of the Vice-Chancellor of Research and Technology.



Innovation and Entrepreneurship

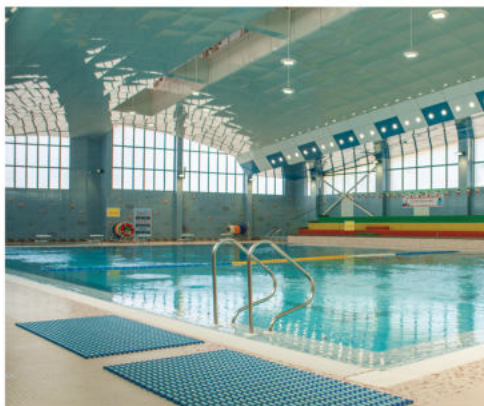
The Innovation and Entrepreneurship Center (initially named Entrepreneurship Center), Incubator and Technology Transfer Organization (TTO) were established at GUASNR as a structural mechanism to facilitate the transition toward the third Generation University (entrepreneurial university). The mission of the centers is to motivate, connect, inspire, and support startups, student enterprises, and academic entrepreneurs.

The centers are the heart of the entrepreneurship and innovation ecosystem of Golestan Province and is interconnected with the main institutions of this ecosystem, including the Golestan Science and Technology Park.



Campus Life

We are delighted that you are considering living on campus at GUASNR. Our goal is to make your living experience on campus a milestone and a positive part of your college life and beyond. GUASNR strives to provide a convenient and cozy environment to study and experience a new lifestyle, develop your life skills, and learn about the world around you by providing accommodations, athletics and recreation facilities, computer and internet laboratories, libraries, and restaurants.



Admission

Applicants are recommended to visit our website <https://www.gau.ac.ir/En/> to get more information about the university, majors and programs offered for undergraduate and postgraduate studies, and admission requirements. Applicants should first complete the application form available on the above page and send it to the e-mail address of the supervision of international student's office, iso@gau.ac.ir

Tables 1 and 2 present information on the tuition fees.

Table 1-Educational and welfare tuition for an **academic semester** of non-Iranian-non-scholarship students in the academic year 2022-2023.

Degree	Tuition fees (\$)	Tuition for welfare services including accommodation and food (\$)	
1	Bachelor	250	120
2	Master	400	120
3	PhD	600	120

*Based on the approval of the Board of Trustees, Gorgan University of Agricultural Sciences and Natural Resources can charge the tuition fees of foreign students in the form of Rial equivalent based on the highest exchange rate (ETS) approved by the central bank in the last week leading to the time of registration.

Table 2- Tuition fee reduction requirements for non-Iranian students at Gorgan University of Agricultural Sciences and Natural resources (GUASNR)

Financial Aids			
No	Eligibility Criteria	Tuition Discount Rate	
1	Obtaining the first rank of the academic semester (Non-Iranian students of all academic levels)	20% for the next semester	
2	if a member of the student's family (brother, sister, spouse, parents, children) studies at the university at the same time	10% for the entire study period	
3	in the case of graduating with a master's degree at GUASNR with an average of 18 and more	30% for the entire PhD study period	
4	in the case of graduating with a master's degree at GUASNR with an average of 17-17.99	20% for the entire PhD study period	
5	in the case of graduating with a bachelor's degree at GUASNR with an average of 17 and more	20% for the entire master's period	
6	in the case of graduating with a bachelor's degree at GUASNR with an average of 16-16.99	10% for the entire master's period	
7	Introducing non-Iranian students to study at GUASNR	one student	10%
		two students	20%
		three students	30%
		four students	40%
		five students	50%
8	Meaningful progress in learning the Persian language (for non-Persian students) upon confirmation by the admission committee	10-20% for the remaining semesters upon confirmation by the admission committee	

* The overall discount for the various items in Table 2 is 50%.

** Every year, the university can grant a maximum of 50% to 5 people after reviewing the conditions of the applicants in the admissions council and approval by the board of directors.

*** For applicants of all grades who are from Afghanistan and Yemen up to 30% of the tuition discount for the entire course based on the opinion of the university board, will be considered.





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