



T.C.

VAN YÜZÜNCÜ YIL UNIVERSITY

THE INSTITUTE OF NATURAL AND APPLIED SCIENCES

2023-2024 ACADEMIC YEAR- FALL TERM

STUDENT QUOTAS & APPLICATION REQUIREMENTS FOR GRADUATE PROGRAMS

DEPARTMENT	UNIT	Quota for MSc		Quota for PhD		Prerequisite(s) for Application to Program
		Turkish	English	Turkish	English	
Mechanical Engineering	Energy	2	2	-	-	Master To graduate from any of the departments of Mechanical Engineering, Metallurgical and Materials Engineering, Mechanical Technical Education Faculty, Energy Systems Engineering, Automotive Engineering and Manufacturing Engineering.
	Construction and Manufacturing	1	2	-	-	
	Mechanic	1	1	-	-	
	Thermodynamics	2	2	1	1	Doctorate Having a bachelor's degree from any of the departments of Mechanical Engineering, Metallurgical and Materials Engineering, Faculty of Mechanical Engineering, Energy Systems Engineering, Automotive Engineering and Manufacturing Engineering and having a master's degree in the relevant departments.
	Machine Theory and Dynamics	2	2	1	2	

Geological Engineering	General Geology	1	3	-	-	The candidate must have a bachelor's degree in geological engineering.
Geological Engineering	Mineralogy-petrography	1	-	-	-	The candidate must have a bachelor's degree in geological engineering.
Soil Science and Plant Nutrition		3	2	3	2	Graduate of Agriculture Faculty
Earth and Environmental Sciences	-	-	1	-	-	In accordance with the Graduate Education and Training Regulations of our university, foreign language proficiency requirement will not be sought for candidates who have graduated from undergraduate programs in Turkey or abroad whose language of instruction is English. Other candidates who will apply to the program must have obtained at least 50 points from the central foreign language exams accepted by The Council of Higher Education (YÖK) and the equivalent of international foreign language exams, or 50 points from the international foreign language exams whose equivalent is accepted by <u>Center for Assessment, Selection and Placement (ÖSYM)</u>
Chemistry	Organic Chemistry	-	1	-	1	English education will be provided
Chemistry	Inorganic Chemistry	1	-	1	-	Turkish education will be provided
Horticulture		4	2	-	2	To graduate from faculty of agriculture for MSc applications. To have a master's degree in horticulture for PhD applications.

Agricultural Biotechnology	Enzyme and Microbial Biotechnology	2	-	1	-	Students who successfully complete their thesis will be able to write their thesis in English. According to the qualifications of the students, some of the courses can be given in English if the faculty members of the department approve.
Agricultural Biotechnology	Animal Biotechnology	1	-	-	-	
Field Crops	Field Crops	2	2	4	4	No prerequisites.
Animal Science	Feeds and Animal Nutrition	1	3	-	2	Master's Degree: To have a Bachelor's degree from the Faculty of Agriculture, Department of Animal Science and the Faculty of Veterinary. Doctorate Degree: To have a Master's degree in Animal Science from the Faculty of Agriculture, Department of Animal Science and the Faculty of Veterinary.
Animal Science	Biometrics and Genetic	1	1	1	1	Master's Degree: To have a Bachelor's degree from the Faculty of Agriculture, Department of Animal Science and the Faculty of Veterinary. Doctorate Degree: To have a Master's degree in Animal Science from the Faculty of Agriculture, Department of Animal Science and the Faculty of Veterinary.
Animal Science	Animal Breeding	-	1	-	1	Master's Degree: To have a Bachelor's degree from the Faculty of Agriculture, Department of Animal Science and the Faculty of Veterinary. Doctorate Degree: To have a Master's degree in Animal Science from the Faculty of Agriculture, Department of Animal Science and the Faculty of Veterinary.

Artificial Intelligence and Robotics	-	6	0	0	0	BSc degree in any of the following programs: Computer Engineering, Software Engineering, Electrical-Electronics Engineering, Electrical Engineering, Electronics-Communications Engineering, Mechanical Engineering, Mechatronics Engineering, Industrial Engineering, Medical Engineering, Biomedical Engineering, Systems Engineering, Meteorological Engineering, Mathematics or Physics.
Electrical and Electronics Engineering		5	5	-	-	
Geophysics Engineering	Applied Geophysics	1	-	-	-	Be graduate of Geophysics, Geology or Mining Engineering
Geophysics Engineering	Seismology	2	-	-	-	Be graduate of Geophysics, Geology or Mining Engineering
Geophysics Engineering	Earth Physics	1	-	-	-	Be graduate of Geophysics, Geology or Mining Engineering
Physics	Atomic and Molecular Physics	1	-	-	-	
Physics	Condensed Matter Physics	1	-	-	-	
Statistic		-	-	-	1	English education will be provided
Chemical Engineering		4	-	4	-	For Master's degree application: Graduation from any of the following departments: Chemical Engineering, Chemistry, Textile Engineering, Food Engineering, Environmental Engineering, Metallurgical and Materials Engineering, Petroleum and Natural Gas Engineering, Polymer Materials Engineering, Materials Science and Nanotechnology

						Engineering, Pharmacy and Bioengineering.
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For PhD Application: To have a master's degree from any of the above-mentioned departments.