



HUNGARIAN UNIVERSITY OF
AGRICULTURE AND LIFE SCIENCES

Szent István Campus

2100 Gödöllő, Páter Károly u. 1.

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**2025 SPRING SUBJECTS IN GÖDÖLLŐ from study fields of:
Agriculture, Environment, Economics, Management, Mechanical Engineering**

STUDY LEVEL	SUBJECT CODE	SUBJECT NAME	ECTS CREDITS	relevant semester of the study program at MATE
Bachelor (BA/BSc) subjects				
Bachelor (BA/BSc)	USINM192N	Accountancy and Finance	3	4
Bachelor (BA/BSc)	USINM193N	Accounting and Financial Knowledge and Corporate Governance	3	6
Bachelor (BA/BSc)	MUSZK286N	Agricultural and Horticultural Machinery	3	4
Bachelor (BA/BSc)	ELTAK152N	Animal Nutrition in Practice	3	4
Bachelor (BA/BSc)	ELTAK011N	Animal Physiology and Hygiene	4	2
Bachelor (BA/BSc)	MATER092N	Applied Statistics	3	2
Bachelor (BA/BSc)	KORTU091N	Atmospheric Science	3	4
Bachelor (BA/BSc)	ELTAK073N	Basics of Animal Nutrition and Feeding	4	4
Bachelor (BA/BSc)	USINM234N	Basics of Corporate Financial Decisions	4	6
Bachelor (BA/BSc)	MUSZK509N	Basics of digital competencies	0	2
Bachelor (BA/BSc)	MUSZK241N	Basics of Engineering Informatics	5	6
Bachelor (BA/BSc)	VDTER039N	Basics of Forestry	3	4
Bachelor (BA/BSc)	VFFT033N	Basics of Knowledge of Taxation	4	6
Bachelor (BA/BSc)	MUSZK514N	Basics of Technology for Non-Mechanical Engineers	3	2
Bachelor (BA/BSc)	NOVTR018N	Biological Basis and Quality	4	4
Bachelor (BA/BSc)	MUSZK105N	Building Service and Environmental Systems	6	4
Bachelor (BA/BSc)	FFGAZ072N	Business and Organizational Sociology	3	2
Bachelor (BA/BSc)	AGELG047N	Business Communication	4	4
Bachelor (BA/BSc)	GAZDT422N	Business Economics and Management	5	2
Bachelor (BA/BSc)	GAZDT418N	Business Planning	4	6
Bachelor (BA/BSc)	AGELG048N	Business Statistics	4	2
Bachelor (BA/BSc)	MUSZK039N	CAE Practice 2	6	6
Bachelor (BA/BSc)	MUSZK041N	CAM Practice	6	6
Bachelor (BA/BSc)	ALLTE202N	Cattle and Sheep Breeding	4	4
Bachelor (BA/BSc)	GAZDT437N	Change and Crisis Management	4	6
Bachelor (BA/BSc)	KORTU062N	Chemical Analysis	4	2
Bachelor (BA/BSc)	KORTU075N	Chemical Processes in the Environment	3	4
Bachelor (BA/BSc)	KORTU085N	Communication in Environmental Science	3	4
Bachelor (BA/BSc)	MUSZK353N	Computer Aided Engineering	4	6
Bachelor (BA/BSc)	USINM032N	Controlling	4	6
Bachelor (BA/BSc)	NOVTR093N	Crop Production 1	4	4
Bachelor (BA/BSc)	FFGAZ133N	Crop Production and Environment	3	2
Bachelor (BA/BSc)	MUSZK008N	Data Engineering Skills	4	2
Bachelor (BA/BSc)	VDTER140N	Dominant Species of Natural and Semi-Natural Habitats	3	2
Bachelor (BA/BSc)	VDTER278N	Ecology Lecture	3	2
Bachelor (BA/BSc)	VDTER279N	Ecology Practice	2	2
Bachelor (BA/BSc)	MATER093N	Economic Mathematics	4	2
Bachelor (BA/BSc)	GAZDT125N	Economic Policy	3	2
Bachelor (BA/BSc)	MUSZK062N	Electrotechnics	4	4
Bachelor (BA/BSc)	MUSZK513N	Engineering and Society	4	2
Bachelor (BA/BSc)	MUSZK277N	Engineering Management	5	6
Bachelor (BA/BSc)	MATER039N	Engineering Mathematics 2	6	2
Bachelor (BA/BSc)	MUSZK264N	Engines and Vehicles	4	4
Bachelor (BA/BSc)	USINM230N	Enterprise Resource Planning Methods	4	4
Bachelor (BA/BSc)	KORTU073N	Environmental Engineering Technology	6	4
Bachelor (BA/BSc)	KORTU074N	Environmental Impact Assessment	3	6
Bachelor (BA/BSc)	KORTU076N	Environmental Organic Chemistry	4	2
Bachelor (BA/BSc)	MATER028N	Environmental Physics 2	3	2
Bachelor (BA/BSc)	AKVKB045N	Environmental Risk Assessment and Remediation	6	6
Bachelor (BA/BSc)	GAZDT406N	Farm Management and Economics	3	6
Bachelor (BA/BSc)	ALLTE076N	Farm Planning	4	6
Bachelor (BA/BSc)	MUSZK389N	FEM - Finite Element Method Technologies	6	6
Bachelor (BA/BSc)	USINM164N	Finance	5	2
Bachelor (BA/BSc)	KORTU044N	Fundamentals of Earth Science and Hydrology	3	2
Bachelor (BA/BSc)	KORTU027N	Fundamentals of Ecotoxicology	4	6
Bachelor (BA/BSc)	VDTER192N	Game Damage Control and Assessment	3	6
Bachelor (BA/BSc)	VDTER190N	Game Meat and Other Products Sale	3	6
Bachelor (BA/BSc)	AGELG053N	General and Sector-Specific Legal Knowledge	3	4
Bachelor (BA/BSc)	GENBT019N	Genetics	3	2
Bachelor (BA/BSc)	KERTU066N	Greenhouse Production	3	6
Bachelor (BA/BSc)	KORTU031N	Health and Safety	6	6
Bachelor (BA/BSc)	GAZDT093N	Human Resource Management	3	4
Bachelor (BA/BSc)	VDTER159N	Hunting Administration and Wildlife Harvest Planning	4	6
Bachelor (BA/BSc)	VDTER160N	Hunting Cynology	3	6
Bachelor (BA/BSc)	AKVKB074N	Industrial Fish Farming Systems	3	6
Bachelor (BA/BSc)	KORTU060N	Industrial Technologies and Transportation	3	6
Bachelor (BA/BSc)	GAZDT147N	Innovation Management	4	6
Bachelor (BA/BSc)	GAZDT039N	Insurance Management	4	6
Bachelor (BA/BSc)	NVVED019N	Integrated Plant Protection and Weed Control	3	6
Bachelor (BA/BSc)	VDTER277N	International Wildlife	3	4
Bachelor (BA/BSc)	NOVTR228N	Introduction to Agriculture 2	0	2

Bachelor (BA/BSc)	USINM086N	Introduction to Law and Public Administration	3	6
Bachelor (BA/BSc)	VDTER018N	Introduction to Professional Studies	3	2
Bachelor (BA/BSc)	MUSZK135N	Machine Elements 1	6	4
Bachelor (BA/BSc)	MUSZK381N	Machinery Management and Logistics	5	6
Bachelor (BA/BSc)	GAZDT202N	Macroeconomics	5	2
Bachelor (BA/BSc)	GAZDT169N	Management of Small and Medium Enterprises	5	4
Bachelor (BA/BSc)	GAZDT204N	Marketing	6	2
Bachelor (BA/BSc)	MUSZK140N	Measurements and Quality Assurance in Machine Industry	5	6
Bachelor (BA/BSc)	MUSZK216N	Mechanics 1	5	2
Bachelor (BA/BSc)	MUSZK022N	Mechanization of Animal Farms	3	4
Bachelor (BA/BSc)	VDTER105N	Monitoring and Data Collection	4	6
Bachelor (BA/BSc)	VDTER137N	Nature and Landscape Conservation	3	6
Bachelor (BA/BSc)	USINM212N	Operation and Service Management	4	4
Bachelor (BA/BSc)	FFGAZ137N	Organic Farming	3	6
Bachelor (BA/BSc)	SPORT005N	Physical Education 2	0	2
Bachelor (BA/BSc)	SPORT012N	Physical Education 4	0	4
Bachelor (BA/BSc)	MATER096N	Physics 2	6	2
Bachelor (BA/BSc)	ALLTE052N	Poultry and Rabbit Breeding	3	6
Bachelor (BA/BSc)	GENBT034N	Principles of Microbiology	3	2
Bachelor (BA/BSc)	MUSZK147N	Production Technologies	5	4
Bachelor (BA/BSc)	ALLTE146N	Quality Assurance in Agriculture	4	6
Bachelor (BA/BSc)	VDTER017N	Small Game Management	4	4
Bachelor (BA/BSc)	KORTU167N	Soil Conservation	5	4
Bachelor (BA/BSc)	KORTU162N	Soil Science	3	2
Bachelor (BA/BSc)	NOVTR043N	Sward Management	3	4
Bachelor (BA/BSc)	VDTER196N	Urban Wildlife Management	3	2
Bachelor (BA/BSc)	KERTU088N	Vegetable Production	3	4
Bachelor (BA/BSc)	KORTU147N	Water and Wastewater Treatment	6	4
Bachelor (BA/BSc)	KORTU279N	Water Management	3	2
Bachelor (BA/BSc)	VDTER179N	Wildlife Habitat Management Practice	5	4
Bachelor (BA/BSc)	VDTER287N	Wildlife Habitat Management Worldwide	5	4
Bachelor (BA/BSc)	VDTER290N	Wildlife Research Methodology	4	4
Bachelor (BA/BSc)	VDTER163N	Wildlife tourism	4	4
Bachelor (BA/BSc)	VDTER157N	Wildlife Zoology	6	2

Master(MA/MSc) subjects				
Master(MA/MSc)	MUSZK010N	Additive Technologies	4	4
Master(MA/MSc)	MUSZK510N	Advanced Data Engineering Skills	4	2
Master(MA/MSc)	MUSZK152N	Advanced Engineering Project Management	4	4
Master(MA/MSc)	KORTU106N	Agricultural Ecotoxicology	5	2
Master(MA/MSc)	GENBT016N	Aims and Results in Plant Breeding	3	4
Master(MA/MSc)	ELTUD057N	Analytical Classification of Foodstuffs 1	6	2
Master(MA/MSc)	GENBT021N	Animal Gene Mapping	3	2
Master(MA/MSc)	MUSZK294N	Application Writing	3	4
Master(MA/MSc)	USINM009N	Applied Analysis Methods	4	2
Master(MA/MSc)	ALLTE051N	Assisted Reproductive Techniques in Farm Animals	4	2
Master(MA/MSc)	USINM088N	Basics of Law, Environmental Law	4	2
Master(MA/MSc)	GENBT073N	Basics of Plant Breeding	3	4
Master(MA/MSc)	KORTU002N	Basics of Waste Management	3	2
Master(MA/MSc)	KORTU274N	Biochemistry	4	2
Master(MA/MSc)	KORTU115N	Biochemistry of Pesticides	3	2
Master(MA/MSc)	KORTU084N	Biological and Chemical Methods of Environmental Technology	3	2
Master(MA/MSc)	GAZDT415N	Business Models	4	4
Master(MA/MSc)	GAZDT419N	Business Planning (Advanced)	5	4
Master(MA/MSc)	GENBT058N	Cell and Tissue Culture Methodology	5	2
Master(MA/MSc)	GENBT018N	Cereal Biotechnology	3	3
Master(MA/MSc)	GAZDT438N	Change Management (Advanced)	5	4
Master(MA/MSc)	GAZDT389N	Consulting Methods and Techniques	6	4
Master(MA/MSc)	NVVED064N	Crop Pathology	4	2
Master(MA/MSc)	VDTER125N	Crop Pests	4	2
Master(MA/MSc)	NOVTR089N	Crop Production Extension Services	3	4
Master(MA/MSc)	NVVED060N	Crop Weed Control	3	2
Master(MA/MSc)	NOVTR011N	Cultivation and Use of Alternative Plants	3	4
Master(MA/MSc)	GAZDT069N	Decision Theory and Methodology	4	4
Master(MA/MSc)	MUSZK287N	Designing and Operating Crop Production Machinery	3	2
Master(MA/MSc)	GENBT054N	Detailed Plant Breeding	3	2
Master(MA/MSc)	FFGAZ002N	Development of Local Society	3	2
Master(MA/MSc)	USINM139N	Econometrics in Finance	5	2
Master(MA/MSc)	GAZDT225N	Economics of Agricultural Markets	5	2
Master(MA/MSc)	GAZDT267N	Economy of Crop Production	3	4
Master(MA/MSc)	NOVTR024N	Energy Crop Production and Irrigated Cropping	3	4
Master(MA/MSc)	MUSZK238N	Engineering Ethics	3	4
Master(MA/MSc)	MUSZK237N	Engineering Materials	3	2
Master(MA/MSc)	MUSZK280N	Engineering Production Management	6	2
Master(MA/MSc)	GENBT119N	Environmental Microbiology and Biotechnology	5	2
Master(MA/MSc)	MATER025N	Experimental design and evaluation	4	3
Master(MA/MSc)	GENBT023N	Experimental Embryology	4	2
Master(MA/MSc)	MATER051N	Explorative Analysis and Data Visualisation in R	3	2
Master(MA/MSc)	GAZDT297N	Financial and Risk Management	5	4
Master(MA/MSc)	VFFTG394N	Financial Controlling and Financial Audit	5	4
Master(MA/MSc)	USINM154N	Financial Institutions and International Finance	4	4
Master(MA/MSc)	USINM156N	Financial Law and Business Compliance	4	2
Master(MA/MSc)	VFFTG390N	Financial Policy	5	4
Master(MA/MSc)	VFFTG418N	Financial reporting standards	4	4
Master(MA/MSc)	USINM158N	Financial Research and Innovation	4	2
Master(MA/MSc)	NOVTR045N	Floodplain Classification and Utilization	3	2
Master(MA/MSc)	ELTUD053N	Food Safety and Risk Analysis	4	2
Master(MA/MSc)	GENBT017N	Functional and Structural Plant Genomics	4	3
Master(MA/MSc)	VDTER186N	Game Damages and Damage Estimation	3	4
Master(MA/MSc)	VDTER189N	Game hygiene and meat handling	6	2
Master(MA/MSc)	VFFTG391N	Geoinformatics	4	2
Master(MA/MSc)	VDTER126N	History of hunting	3	4
Master(MA/MSc)	KORTU050N	Hydroeconomy and Management Information	4	4
Master(MA/MSc)	KORTU048N	Hydroinformatics	3	2
Master(MA/MSc)	GENBT120N	Industrial Microbiology and Biotechnology	3	4
Master(MA/MSc)	USINM082N	Information Management	5	4
Master(MA/MSc)	MUSZK169N	Innovation and Strategy Management	6	2
Master(MA/MSc)	NOVTR046N	Integrated Crop Production 1	4	2
Master(MA/MSc)	VDTER056N	Integrated small game management	5	2
Master(MA/MSc)	KORTU059N	Integrated Water Management	6	4
Master(MA/MSc)	GENBT103N	Intellectual Property and Plant Breeders' Rights	2	2
Master(MA/MSc)	VDTER097N	International Wildlife Issues	3	2
Master(MA/MSc)	VDTER214N	Introduction to Exotoxicology	3	2
Master(MA/MSc)	GENBT009N	Introduction to Plant and Animal Biotechnology	5	2
Master(MA/MSc)	USINM022N	Investment Analysis an Risk Management	5	2
Master(MA/MSc)	KERTU054N	Irrigation in Horticultural and Field Production	5	2
Master(MA/MSc)	GAZDT402N	Knowledge Management	5	4
Master(MA/MSc)	KORTU099N	Land Improvement Engineering	4	2
Master(MA/MSc)	VDTER127N	Landscape Management and Nature Conservation	3	2
Master(MA/MSc)	GAZDT450N	Leadership Skills Development	4	2
Master(MA/MSc)	USINM185N	Logistics and Foreign Trade Techniques	4	2
Master(MA/MSc)	USINM118N	Logistics Systems	5	2
Master(MA/MSc)	USINM023N	Management of Purchasing and Distribution	5	4
Master(MA/MSc)	KORTU184N	Management of Wetlands and Areas with Excess Water	4	2
Master(MA/MSc)	AGELG063N	Management Skills	3	4
Master(MA/MSc)	MUSZK148N	Manufacturing Systems	3	2
Master(MA/MSc)	AGELG052N	Marketing of agricultural products	3	4
Master(MA/MSc)	GAZDT218N	Marketing Strategies	3	4
Master(MA/MSc)	KORTU102N	Measurement and Instrumentation	3	2
Master(MA/MSc)	MUSZK204N	Mechanical Vibrations	4	2
Master(MA/MSc)	MUSZK259N	Methods and Techniques of Quality Management	5	4
Master(MA/MSc)	ELTAK044N	Micromanipulation and Genetic Reprogramming Methods	3	2
Master(MA/MSc)	GENBT001N	Molecular Biology and Gene Technology Methodology	4	2
Master(MA/MSc)	GENBT037N	Molecular Markers in Plant Breeding	3	2

Master(MA/MSc)	GENBT035N	Molecular Animal Breeding	3	4
Master(MA/MSc)	GENBT001N	Molecular Biology and Gene Technology Methodology	4	1
Master(MA/MSc)	GENBT036N	Molecular Genetics	4	1
Master(MA/MSc)	GENBT037N	Molecular Markers in Plant Breeding	3	2
Master(MA/MSc)	GENBT040N	Molecular Plant Breeding	3	3
Master(MA/MSc)	USINM216N	Multivariate Finacial Statistical Modeling	5	2
Master(MA/MSc)	MATER043N	Operations Research and Applications	5	2
Master(MA/MSc)	NVVED048N	Plant Protection Strategies and Systems	3	4
Master(MA/MSc)	GENBT048N	Plant Reproduction and Reproduction Biotechnology	3	2
Master(MA/MSc)	NOVTR026N	Plant Variety, Seed Testing and Certification	3	2
Master(MA/MSc)	NOVTR132N	Primary Processing and Quality of Crops	3	4
Master(MA/MSc)	MUSZK516N	Project management	4	4
Master(MA/MSc)	AKVKB010N	Protection of Surface and Subsurface Waters	3	4
Master(MA/MSc)	GAZDT196N	Quantitative Methods	5	2
Master(MA/MSc)	VDTER174N	Research Methods of Wildlife Biology	4	2
Master(MA/MSc)	FFGAZ293N	Rural and agricultural policy	5	4
Master(MA/MSc)	ELTUD123N	Safety and Regulation of Agricultural Product Processing and Biotechnology	4	3
Master(MA/MSc)	FFGAZ292N	Scientific writing and presentation	5	4
Master(MA/MSc)	KORTU032N	Security Systems and Radioprotection	3	2
Master(MA/MSc)	FFGAZ214N	Settlement Development and Management	5	2
Master(MA/MSc)	USINM115N	Simulation of Logistical Processes	5	4
Master(MA/MSc)	KORTU155N	Soil Amelioration and Soil Conservation	3	4
Master(MA/MSc)	KORTU152N	Soil Nutrient Management	3	2
Master(MA/MSc)	VFFTG043N	Strategic and accounting management control	5	2
Master(MA/MSc)	AGELG011N	Strategic Human Resource Management	3	2
Master(MA/MSc)	VDTER048N	Sustainable Forestry	3	4
Master(MA/MSc)	MUSZK321N	Systems Engineering	4	4
Master(MA/MSc)	AKVKB049N	Systems for Environmental Quality Assurance and Condition Assessment	3	4
Master(MA/MSc)	FFGAZ294N	Theory and Practice of Local Development	5	4
Master(MA/MSc)	MUSZK272N	Thermodynamics and Fluid Mechanics	6	2
Master(MA/MSc)	MUSZK180N	Vehicle Technology	4	4
Master(MA/MSc)	USINM252N	Water Policy	3	4
Master(MA/MSc)	AKVKB051N	Wildlife molecular ecology	3	4
Master(MA/MSc)	VDTER161N	Wildlife tourism	3	2