

## Szent István Campus

## 2100 Gödöllő, Páter Károly u. 1.

Erasmus Coordinator:

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| BACHELOR<br>PROGRAMMES in<br>GÖDÖLLŐ | SUBJECT CODE | SUBJECT NAME                                     | ECTS Credits | relevant<br>semester of<br>the study<br>program at<br>MATE |
|--------------------------------------|--------------|--------------------------------------------------|--------------|------------------------------------------------------------|
|                                      | AGELG056N    | Basics of E-business                             | 5            | 5                                                          |
|                                      | USINM190N    | Basics of Accounting                             | 5            | 3                                                          |
|                                      | GAZDT070N    | Basics of Decision Theory and Methodology        | 3            | 3                                                          |
|                                      | GAZDT442N    | Basics of Leadership and Management              | 4            | 3                                                          |
|                                      | AGELG067N    | Basics of project management                     | 3            | 5                                                          |
|                                      | GAZDT238N    | Basics of Quality Management                     | 3            | 5                                                          |
|                                      | GAZDT101N    | Ethics                                           | 4            | 3                                                          |
| Business Administration              | AGELG092N    | Green economy and environmental economy          | 4            | 3                                                          |
| and Management                       | GAZDT254N    | International Economics                          | 3            | 3                                                          |
|                                      | MATER035N    | Mathematical Statistics                          | 4            | 3                                                          |
|                                      | SPORT011N    | Physical Education 3                             | 0            | 3                                                          |
|                                      | FFGAZ169N    | Regional Economics                               | 3            | 3                                                          |
|                                      | GAZDT161N    | Sales and Commercial Studies                     | 6            | 5                                                          |
|                                      | AGELG080N    | Seminar (Business Administration and Management) | 0            | 3                                                          |
|                                      | USINM093N    | Special Financing of Small Enterprises           | 3            | 5                                                          |
|                                      | GAZDT327N    | Strategic Planning and Management                | 4            | 5                                                          |
|                                      | MUSZK024N    | Engineering Materials                            | 6            | 3                                                          |
|                                      | MUSZK040N    | CAE Practice 3                                   | 6            | 7                                                          |
|                                      | MUSZK353N    | Computer Aided Engineering                       | 4            | 3                                                          |
|                                      | MUSZK061N    | Electronics                                      | 4            | 5                                                          |
|                                      | MUSZK082N    | Energetics                                       | 4            | 5                                                          |
|                                      | MUSZK269N    | Engineering Economics                            | 4            | 3                                                          |
|                                      | MUSZK153N    | Hydraulics and Pneumatics                        | 4            | 5                                                          |
|                                      | MUSZK145N    | Introduction to Machine Design                   | 4            | 3                                                          |
| Mechanical Engineering               | MUSZK185N    | Jig Design and Assembly                          | 5            | 7                                                          |
|                                      | MUSZK136N    | Machine Elements 2                               | 5            | 5                                                          |
|                                      | MUSZK139N    | Machine Industrial Processes                     | 5            | 5                                                          |
|                                      | MUSZK217N    | Mechanics 2                                      | 6            | 3                                                          |
|                                      | MUSZK218N    | Mechanics Comprehensive Exam                     | 0            | 3                                                          |
|                                      | SPORT011N    | Physical Education 3                             | 0            | 3                                                          |
|                                      | MUSZK300N    | Polymer Technologies                             | 6            | 5                                                          |
|                                      | MUSZK403N    | Thermodynamics and Fluid Mechanics               | 6            | 3                                                          |
|                                      | MUSZK380N    | Tribology and Technology                         | 6            | 7                                                          |
|                                      | AGELG064N    | Labour Safety and Ergonomics                     | 3            | 3                                                          |
|                                      | KORTU093N    | Air Quality Protection                           | 3            | 5                                                          |
|                                      | GAZDT108N    | Basics of the European Union                     | 3            | 3                                                          |
|                                      | KORTU103N    | Engineering Communications and Conduct           | 3            | 7                                                          |
|                                      | KORTU104N    | Engineering Planning                             | 5            | 5                                                          |
|                                      | KORTU104N    | Engineering Planning                             | 5            | 7                                                          |
|                                      | KORTU086N    | Environmental Analytics, Monitoring Fundamentals | 4            | 3                                                          |
|                                      | KORTU080N    | Environmental Engineering Summer Placement       | 0            | 5                                                          |
|                                      | AKVKB042N    | Environmental Hygiene                            | 3            | 7                                                          |
| Environmental                        | KORTU082N    | Environmental Politics and Social Issues         | 4            | 7                                                          |
| Engineering                          | VDTER050N    | Geodesy                                          | 3            | 3                                                          |
|                                      | KORTU277N    | Geographical Information System                  | 3            | 3                                                          |
|                                      | AGELG092N    | Green economy and environmental economy          | 4            | 3                                                          |
|                                      | MATER035N    | Mathematical Statistics                          | 4            | 3                                                          |
|                                      | SPORT011N    | Physical Education 3                             | 0            | 3                                                          |
|                                      | KORTU130N    | Radiation Science and Protection                 | 3            | 5                                                          |
|                                      | KORTU162N    | Soil Science                                     | 3            | 3                                                          |
|                                      | KORTU053N    | Waste Management                                 | 5            | 5                                                          |
|                                      | KORTU278N    | Water analytics                                  | 3            | 5                                                          |

|                                    | AKVKB063N | Freshwater Fisheries                               | 3 | 5 |
|------------------------------------|-----------|----------------------------------------------------|---|---|
|                                    | KORTU015N | Agrichemistry                                      | 3 | 3 |
|                                    | MUSZK286N | Agricultural and Horticultural Machinery           | 3 | 3 |
|                                    | NOVTR094N | Crop Production 2                                  | 4 | 5 |
|                                    | NOVTR033N | Cultivation                                        | 3 | 3 |
|                                    | NOVTR025N | Energy Saving and Climate Saving Tillage           | 4 | 5 |
|                                    | KERTU039N | Fruit Production and Viticulture                   | 3 | 5 |
|                                    | ALLTE049N | General Animal Husbandry                           | 3 | 3 |
|                                    | ELTAK015N | General Animal Nutrition                           | 3 | 3 |
| Agricultural Engineering           | KORTU277N | Geographical Information System                    | 3 | 3 |
|                                    | GAZDT142N | Human Resource and Leadership Management           | 3 | 3 |
|                                    | FFGAZ137N | Organic Farming                                    | 3 | 5 |
|                                    | SPORT011N | Physical Education 3                               | 0 | 3 |
|                                    | GENBT041N | Plant Breeding and Biotechnology                   | 3 | 3 |
|                                    | NOVTR229N | Plant Physiology                                   | 3 | 3 |
|                                    | NVVED045N | Plant Protection - Pathology and Zoology           | 3 | 5 |
|                                    | ALLTE230N | Small Ruminant Husbandry in the Tropics            | 4 | 5 |
|                                    | ALLTE179N | Swine and Horse Breeding                           | 3 | 5 |
|                                    | AGELG062N | Fundamentals of Economics                          | 3 | 3 |
|                                    | ALLTE028N | Animal Husbandry and Environment                   | 4 | 3 |
|                                    | VDTER094N | Big Game Management                                | 4 | 5 |
|                                    | VDTER054N | Carnivores Ecology                                 | 3 | 3 |
| Wildlife Management<br>Engineering | VDTER037N | Forest Habitat Management                          | 3 | 5 |
|                                    | VDTER201N | Game Management in Fenced Areas                    | 3 | 3 |
|                                    | VDTER136N | GIS and Geodesy                                    | 3 | 5 |
|                                    | AGELG064N | Labour Safety and Ergonomics                       | 3 | 5 |
|                                    | SPORT011N | Physical Education 3                               | 0 | 3 |
|                                    | VDTER153N | Trophy Evaluation Systems                          | 4 | 5 |
|                                    | VDTER169N | Wildlife Capture and Handling                      | 3 | 5 |
|                                    | VDTER194N | Wildlife Conservation and Animal Protection        | 5 | 3 |
|                                    | VDTER155N | Wildlife Ethology and Behavioural Ecology          | 3 | 3 |
|                                    | VDTER177N | Wildlife Habitat Management                        | 7 | 3 |
|                                    | ELTAK096N | Wildlife Health Management                         | 3 | 5 |
|                                    | VDTER288N | Wildlife Management Data Collection and Processing | 4 | 5 |
|                                    | VDTER289N | Wildlife Management Individual Case Study          | 3 | 3 |

| MASTER PROGRAMMES<br>in GÖDÖLLŐ    | SUBJECT CODE           | SUBJECT NAME                                                                                 | ECTS Credits | relevant<br>semester of<br>the study<br>program at<br>MATE |
|------------------------------------|------------------------|----------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------|
|                                    | GENBT021N              | Animal Gene Mapping                                                                          | 4            | 3                                                          |
|                                    | GENBT010N              | Bioinformatics                                                                               | 6            | 3                                                          |
|                                    | AKVKB014N              | Fish Biotechnology and Genome Manipulation                                                   | 3            | 3                                                          |
| Agricultural<br>Biotechnology      | GENBT017N              | Functional and Structural Plant Genomics                                                     | 4            | 3                                                          |
|                                    | GENBT040N<br>ELTUD123N | Molecular Plant Breeding<br>Safety and Regulation of Agricultural Product Processing and Bio | 3 4          | 3                                                          |
|                                    | GENBT061N              | Transgenesis and Genomic Editing in Plants                                                   | 4 4          | 3                                                          |
|                                    | GENBT062N              | Transgenic Animal Technologies in Animal Husbandry                                           | 4            | 3                                                          |
|                                    | GENBT016N              | Aims and Results in Plant Breeding                                                           | 3            | 4                                                          |
|                                    | NOVTR026N              | Plant Variety, Seed Testing and Certification                                                | 3            | 4                                                          |
|                                    | KORTU109N              | Agricultural Water Management Planning and Construction                                      | 3            | 3                                                          |
| Agricultural Water                 | KORTU026N              | Drought Management                                                                           | 3            | 3                                                          |
| Management                         | KORTU059N              | Integrated Water Management                                                                  | 6            | 3                                                          |
| Engineering                        | KORTU323N              | Management of Inland Excess Water, Water Retention                                           | 3            | 3                                                          |
|                                    | KORTU185N<br>ELTAK076N | Water Management for Sustainable Rice Production Animal Nutrition and Product Quality        | 3            | 3                                                          |
|                                    | ELTAK076N              | Feed Toxicology                                                                              | 3            | 3                                                          |
|                                    | ELTAK084N              | Game Nutrition                                                                               | 3            | 3                                                          |
| Animal Nutrition and               | ELTAK038N              | Horse Nutrition                                                                              | 3            | 3                                                          |
| Feed Safety Engineering            | ELTAK016N              | Nutritional Disorders                                                                        | 3            | 3                                                          |
|                                    | ELTAK048N              | Rabbit Nutrition                                                                             | 3            | 3                                                          |
|                                    | ELTAK022N              | Sustainable Animal Nutrition and Environmental Protection                                    | 3            | 3                                                          |
|                                    | NOVTR047N              | Integrated Crop Production 2                                                                 | 4            | 3                                                          |
| Crop Production                    | FFGAZ147N              | Organic Crop Production - Planning, Transition, Implementation                               | 4            | 3                                                          |
| Engineering                        | NOVTR026N              | Plant Variety, Seed Testing and Certification                                                | 3            | 3                                                          |
|                                    | NOVTR105N<br>NOVTR119N | Precision Farming in Crop Production Professional Communication                              | 3            | 3                                                          |
|                                    | MUSZK358N              | Computer Aided Project Management                                                            | 3            | 3                                                          |
| Engineering                        | MUSZK279N              | Engineering Project Planning                                                                 | 4            | 3                                                          |
| Management                         | MUSZK377N              | Enterprise Management Systems                                                                | 3            | 3                                                          |
| -                                  | MUSZK261N              | Module Project Task                                                                          | 7            | 3                                                          |
|                                    | AKVKB040N              | Environmental Impact Statement                                                               | 3            | 3                                                          |
| Environmental                      | KORTU113N              | Environmental Technology                                                                     | 3            | 3                                                          |
| Engineering                        | KORTU180N              | GIS and Remote Sensing                                                                       | 3            | 3                                                          |
|                                    | KORTU191N              | Water Resources Engineering                                                                  | 3            | 3                                                          |
|                                    | GAZDT024N<br>VFFTG412N | Applied Company Valuation Applied Finance                                                    | 5            | 3                                                          |
| Finance                            | USINM021N              | Bank's Operation and Analysis                                                                | 5            | 3                                                          |
|                                    | VFFTG420N              | Financial Statements Analysis                                                                | 5            | 3                                                          |
|                                    | GAZDT451N              | Business Economics (Advanced)                                                                | 4            | 3                                                          |
| Management and<br>Leadership       | GAZDT443N              | Management and Leadership Project                                                            | 4            | 3                                                          |
|                                    | GAZDT390N              | Management Consulting                                                                        | 6            | 3                                                          |
|                                    | IDNYV131N              | Negotiating Practices and Conflict Handling                                                  | 6            | 3                                                          |
|                                    | GAZDT237N              | Quality Management                                                                           | 5            | 3                                                          |
|                                    | MUSZK354N              | Computer Aided Modelling                                                                     | 4            | 3                                                          |
| Machanical Engineeri               | MUSZK356N              | Computer Simulation                                                                          | 4            | 3                                                          |
| Mechanical Engineering             | MUSZK137N<br>MUSZK385N | Engineering Automation<br>Enterprise Management                                              | 3            | 3                                                          |
|                                    | MUSZK316N              | Project Task 2 (Development)                                                                 | 4            | 3                                                          |
|                                    | NVVED127N              | Bee Pasturing, Pollination, Apiculture                                                       | 2            | 3                                                          |
|                                    | NVVED117N              | Digital Plant Protection                                                                     | 3            | 3                                                          |
| Plant Protection                   | NVVED122N              | Integrated Pest Management of Arable Crops                                                   | 4            | 3                                                          |
| Plant Protection                   | NVVED119N              | Pathogens of Horticultural Crops                                                             | 4            | 3                                                          |
|                                    | NVVED118N              | Pests of Horticultural Crops                                                                 | 4            | 3                                                          |
|                                    | NVVED120N              | Plant Protection Forecast                                                                    | 2            | 3                                                          |
| Rural Development                  | FFGAZ271N              | Creating Rural Development Projects                                                          | 3            | 3                                                          |
| Engineering                        | FFGAZ087N<br>FFGAZ166N | Integrated Rural Development Regional and Settlement Marketing                               | 5 4          | 3                                                          |
|                                    | USINM200N              | Regional and Settlement Marketing Contract Law                                               | 4 4          | 3                                                          |
|                                    | GAZDT423N              | Corporate and Institutional Strategies                                                       | 4 4          | 3                                                          |
| Supply Chain<br>Management         | USINM092N              | Inventory Theory                                                                             | 5            | 3                                                          |
|                                    | USINM116N              | Planning of Logistical Processes                                                             | 6            | 3                                                          |
|                                    | USINM269N              | Supply Chain Management (advanced)                                                           | 6            | 3                                                          |
| Wildlife Management<br>Engineering | VDTER054N              | Carnivores Ecology                                                                           | 3            | 3                                                          |
|                                    | VDTER098N              | Herbivores Feeding Biology                                                                   | 4            | 3                                                          |
|                                    | VDTER057N              | Integrated Big Game and Habitat Management                                                   | 5            | 3                                                          |
|                                    | VDTER198N              | Rural Developments Programs and Administration                                               | 3            | 3                                                          |