

## COURSE DESCRIPTIONS AND SUMMARY OF CONDITIONS

Nature and level of courses:	MSc courses in the following subjects: <ul style="list-style-type: none"> <li>• Animal Husbandry Engineering</li> <li>• Agricultural Water Management Engineering</li> <li>• Environmental Engineering</li> </ul>
Universities:	<ul style="list-style-type: none"> <li>• University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management</li> <li>• Szent István University, Faculty of Agricultural and Environmental Sciences</li> </ul>
Who can participate:	Students holding a BSc/MSc or equivalent. Specific requirements may be applied by single Universities, see detailed description Nationals from eligible countries (see page 1)
Form of support:	Scholarship
Duration of scholarship:	22 months
Language:	English
Age limit:	Candidates under age 30 preferred
Other conditions:	Students from non-English speaking countries applying to English courses should have an appropriate level of knowledge in oral and written English
Deadline for applying to FAO by <b>E-MAIL:</b> <a href="mailto:REU-Scholarship@fao.org">REU-Scholarship@fao.org</a>	28 February 2018

## **Animal Husbandry Engineering, MSc**

ENGLISH LANGUAGE

**At the University of Debrecen, Faculty of Agricultural and Food Sciences and  
Environmental Management**

**Debrecen, Hungary**

**<https://edu.unideb.hu/page.php?id=34>**

**(Application code: “ M1 ”)**

***Course name:*** Master in Animal Husbandry Engineering.

***Degree:*** Master in Animal Husbandry Engineering

### ***Education goals***

The MSc in Animal Husbandry Engineering is designed to develop your undergraduate knowledge and improve it through application and research. The field of Animal Science is broad and the programme reflects this diversity, with emphasis on Physiology, Nutrition and Genetics, Gene Conservation, Functional Food and Molecular Biology, which are the key research areas of the Institute. Throughout your stay at Debrecen University, as a postgraduate student of Animal Science, you will have a personal academic tutor to guide you through your studies and to meet your individual goals and interests. We offer you a 4 week field practice in summer. Areas of study: Biochemistry, Quantitative and Molecular Genetics, Physiology, Reproductive Biology, Microbiology, Research Methods, Animal Production, Animal Nutrition, Natural Resource Management, Wild Animal Health, Aquaculture, Fisheries and Management, Food Safety and Quality, Economics and Planning.

***Length of the study programme:*** 4 semesters (22 months)

***Total credit:*** 120

### ***Admission criteria***

BSc degree or higher in Biological or Animal Science. BSc degree or higher in a biologically-related degree. Other approved accreditation or professional qualification.

### ***Language requirements:***

Upper-intermediate English language certificate or completed studies in programmes where the language of instruction is English. Pre-selected applicants may be requested to participate in Skype-interview.

### ***Procedure for transfer of credits***

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## **MSc in Agricultural Water Management Engineering**

ENGLISH LANGUAGE

At the Szent István University, Faculty of Agricultural and Environmental Sciences  
Gödöllő, Hungary

<http://www.mkk.szie.hu/en>

(Application code: "M2")

**Course name:** Master in Agricultural Water Management Engineering

**Degree:** Master in Agricultural Water Management Engineering

**Education goals:**

The program aims to train professionals in agricultural water management, with a special focus on sustainable integrated water resources management. The program curricula focuses mostly on water management and engineering related subjects, with additional courses in agricultural and natural sciences, economics and legal studies. Besides providing a strong theoretical base, we aim to equip our students with a strong practical background as well. Building on the international experience of our staff, this course aims to provide students with the knowledge they need to succeed in today's world.

The program mostly takes place in the main campus of the University located in Gödöllő, with the exception of semester 3 which takes place at the Szarvas Campus of the University.

**Length of the study programme:** 4 semesters (22 months)

**Total credit:** 120

**Admission criteria**

<http://www.mkk.szie.hu/en/application/admissions-page>

**Language requirements:**

B2 level English language examination (TOEFL/IELTS/ Other)

**Procedure for transfer of credits**

By submitting a credit transfer application form to the Vice Dean of Educational and Student Affairs

Requirements: 1) credit accomplished not later than 5 years ago 2) the content of the completed subject is at least 75% equivalent to the subject to accept 3) credit values are the same 4) subject to accept was completed in English

## **MSc in Environmental Engineering**

ENGLISH LANGUAGE

At the Szent István University, Faculty of Agricultural and Environmental Sciences  
Gödöllő, Hungary

<http://www.mkk.szie.hu/en>

(Application code: "M3")

**Course name:** MSc in Environmental Engineering

**Degree:** Master of Science in Environmental Engineering

**Education goals:**

The aim of this program is to provide students with specialized knowledge of natural science, ecology, engineering, economics and management to be able to detect, assess, prevent and mitigate existing or potential environmental risks, as well as for managing restoration and reclamation projects. Graduated students are able to develop appropriate technological solutions to prevent environmental pollutions. Their studies can be continued at PhD level. As part of the program students can further specialize in the fields of soil and water conservation, waste management or ecotoxicology.

**Length of the study programme:** 4 semesters

**Total credit:** 120

**Admission criteria**

<http://www.mkk.szie.hu/en/application/admissions-page>

**Language requirements:**

B2 level English language examination (TOEFL/IELTS/ Other)

**Procedure for transfer of credits**

By submitting a credit transfer application form to the Vice Dean of Educational and Student Affairs

Requirements: 1) credit accomplished not later than 5 years ago 2) the content of the completed subject is at least 75% equivalent to the subject to accept 3) credit values are the same 4) subject to accept was completed in English