COURSE DESCRIPTIONS AND SUMMARY OF CONDITIONS

Nature and level of courses:	MSc courses in the following subjects: • Agricultural sciences • Agricultural biotechnology • Horticulture • Animal nutrition and feed safety
Universities:	• Szent István University, Faculty of Agricultural and Environmental Sciences • Corvinus University of Budapest (from 1st January 2016: Szent István University), Faculty of Horticultural Science • Kaposvár University, Faculty of Agricultural and Environmental Sciences
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 **E-MAIL**: REU-Scholarship@fao.org	28 February 2016

MSc in Agricultural Sciences

ENGLISH LANGUAGE

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

Gödöllő, Hungary

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

(Application code: "E1")

Course name: Master in Agricultural Sciences
***Degree*:** Master in Agricultural Sciences
Education goals:
The objective of the program is to educate future agricultural engineers, who are able to apply the knowledge of agricultural and natural sciences, technical science, social and economic sciences in diverse areas of modern agriculture. The study plan considers the increasing demand for agricultural engineers with skills to plan and control the agricultural production processes in a changing political, economic and natural (including climate change) environment in Europe, Africa and elsewhere. Competitive training in precision techniques, new breeding systems, and biotechnology, as well in economics and social sciences and languages are part of the education.
Students are able to choose their *practical training* in the following areas, in laboratories or agricultural operations: crop /energy crop production, animal husbandry, agroforestry, soil and water management, biotechnology, fish breeding and production, wild life management, bioprospecting and biodiversity, agricultural engineering, economic farm management.
*Each semester includes 5 months course work (*lectures, small group seminars, laboratory sessions, field visits, group projects and exams) followed by practical *training.*
***Length of the study program*:** 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 Agricultural Biotechnology

ENGLISH LANGUAGE

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

Gödöllő, Hungary

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

(Application code: "E2")

Course name: Master in Agricultural Biotechnology
***Degree*:** Master in Agricultural Biotechnology
Education goals:
The aim of the program is to train agricultural biotechnology engineers, who are competent in the field of biochemistry, microbiology, physiology, traditional and molecular genetics, transgenic breeding, reproduction biology and dissemination biology and familiar with the practical laboratory skills. The MSc program will equip them with theoretical knowledge, communication and management skills which, in turn, allow them to become efficient researchers, design engineers and leaders as well as to start their PhD course. The MSc course will allow them to gain theoretical and practical knowledge in the different areas of biotechnology, genomics and gene technology, to be familiar with genomics, molecular biology, biotechnology, reproduction biology, gene technology and molecular breeding related to crop production and animal husbandry.
*Each semester includes 5 months course work (*lectures, small group seminars, laboratory sessions, field visits, group projects and exams) followed by practical *training.*
***Length of the study program*:** 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 Horticulture

ENGLISH LANGUAGE

At the Szent István University (previously: Corvinus University of Budapest),
Faculty of Horticultural Science
Budapest, Hungary

http://horticulturalscience.uni-corvinus.hu (till 31st December, 2015)
http://kertk.szie.hu (from 1st January, 2016)

(Application code: " E3 ")

Course name: **Master in Horticulture**

Degree**: Horticultural Engineer**

Education goals:

Horticulture is the most dynamic and colourful sector of agriculture. The tasks of horticultural engineers have been broadening and consist of not only cultivation and primarily processing of plants but include also management, consulting, organising activity, quality assurance, marketing and services. After graduation, the students will be able organising and leading the production and marketing of horticultural enterprises of different size and character, carry out the tasks of managers, counsellors, engineers, take part in research and education.

To fulfil these requirements, the master program offers knowledge in horticultural and natural sciences, interdisciplinary aspects, an up-to-date basic knowledge and practical skills. Beside the special horticultural modules the study program includes (ornamentals, fruits, medicinal plants, vegetables, grape and wine) genetic, physiological, ecological, biometrical and related subjects.During the study, the students have theoretical lectures, laboratory and farm practices, field visits. There is a quite large freedom of the students in choosing courses according the personal interest. During preparation of the thesis, they learn research practice, solving problems, synthesis results, thus, a possible PhD study is grounded. The study courses are completed by a 4 weeks farm practice period.

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

Total credit: 120

Admission criteria

- academic BSc/MSc or equivalent degree in agricultural/life or related sciences;
- English language (reading, writing, speaking, listening) knowledge.

Candidates are expected to have basic science knowledge (demonstrated in the transcript) in life sciences, natural resources, agriculture, and economics. Based on the credits of the applicants obtained in former graduation, additional maximum 24 credits from missing disciplines may be required during the study.

Language requirements:

Candidates from countries where English is not the language of instruction need to have an internationally accepted English exam: TOEFL iBT min. 65, PBT 500, CBT 200 or IELTS at least a score of 5,5 or Cambridge CAE Certificate). These can be replaced by documentation of at least 2 years closed higher education study in an English program.

Procedure for transfer of credits

Citizens of foreign countries are required as part of the application process to follow the procedure for transfer of credits. The Credit Transfer Committee will administer the process.
Documents forming the basis for transfer of credits

- A certified, official copy of registration course book (or printout from the electronic record list), complete with the seal and official signature of the institution. Copy to show course names, codes, and the student's marks and number of credits received;
- For students currently in a training program, the curriculum of the training program
- An official form requesting transfer of credits
- Self-addressed return envelope

The transfer of credits process is free of charge.

MSc in Animal Nutrition and Feed Safety

ENGLISH LANGUAGE

at the Kaposvár University, Faculty of Agricultural and Environmental Sciences

Kaposvár, Hungary

http://nutr.ke.hu/index.html

http://english.ke.hu/

(Application code: " E4")

Course name: **Master in Animal Nutrition and Feed Safety**

Degree**:** Master in Animal Nutrition and Feed Safety

Education goals

The aim of this study program is to train skilled professionals well equipped to tackle the problems of animal nutrition, feed production, feed and food safety and are able to perform planning research and innovation duties. Graduates are eligible to apply for PhD admission.

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

Total credits: 120

Admission criteria

- at least BSc (or equivalent) in the field of Animal Science, Agriculture, Game Biology and Game Production of Life Sciences
- if the applicant has a BSc in an unrelated field, the University may request that additional courses be taken
- a BSc Grade Point Average (GPA) of at least 65% of the maximum scale
- language requirements:
- proven fluency in English (both written and oral)
- applicants from non-Anglophone countries must have a certificate of proficiency in English issued by a recognized language testing institute (for instance TOEFL, IELTS).
- applicants who have completed their BSc (or equivalent) in English are not required to submit such certificate
- the minimum pass scores are 5.5 for the IELTS, 500 for the paper-based Institutional TOEFL and 65 points for the Internet-based TOEFL. Other (national) certificates may also be accepted provided that results are satisfactory.