

DESCRIPTION OF PROGRAMME AND APPLICATION PROCEDURES

Courses in English language are offered in the following MSc disciplines:

1. Animal nutrition and feed safety
2. Agricultural biotechnology
3. Agriculture
4. Plant protection
5. Animal science
6. Food safety and quality
7. Rural Development and Agribusiness
8. Horticulture

Universities

The following universities participate in the Scholarship Programme in 2009/2010:

- Szent István University, Budapest, Gödöllő
- University of Pannonia, Keszthely
- Debrecen University, Debrecen
- Kaposvár University, Kaposvár
- Corvinus University, Faculty of Horticultural Science, Budapest

Conditions

A total of 100 students will benefit from a scholarship over a five-and-a-half-year period. Altogether 38 scholars have already been admitted to this scholarship programme. For the academic year of 2010/2011 approx. 30 students may benefit a scholarship for agricultural MSc disciplines. The courses may be launched with a minimum number of 10 students /course (together with regular applicants). The main objective is the development of the agricultural production, thus, the offer covers the main agricultural specialities.

The scholarship will cover the followings: application and tuition fees throughout the study period; basic books and notes; accommodation in dormitory and scholarship allowance to cover subsistence costs. Students will get the same health service as Hungarian students during their scholarship. The scholarship has to cover the costs of the student only; relatives of the candidate cannot be supported in the frame of the programme.

List of Beneficiary countries

Nationals of the following countries may benefit from the Scholarship Programme:

Algeria, Afghanistan, Albania, Azerbaijan, Armenia, Belarus, Bosnia and Herzegovina, Croatia, Ethiopia, Kazakhstan, Kenya, Kosovo, Kyrgyzstan, Laos, Macedonia, Moldova, Mongolia, Montenegro, Namibia, Serbia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan, Vietnam.

Application and selection process

The selection process as described below applies to scholarships beginning in September 2010. Applicants wishing to apply to a scholarship for subsequent years should wait until the next round of selections is officially announced.

Student selection will take place in two steps:

Step 1: FAO will pre-screen candidates and submit recommendations to the Ministry of Agriculture and Rural Development in Hungary. FAO will inform all candidates of the outcome of the initial screening and will provide further instructions to candidates that have been favourably pre-screened to guide them through the second step of the selection. It is important to note that a favourable pre-screening in the first step does not guarantee selection.

Step 2: The participating Universities will run a further selection process and inform each of the successful candidates. The final selection will be made by the Universities, with no involvement on the part of FAO. A language test or oral examination may be arranged as part of the admission to English language courses.

Candidates will be selected on the basis of the following criteria:

- Citizenship from one of the beneficiary countries
- Excellent school achievements
- Good health
- Motivation
- Mastering of English language (for courses taught in English)
- Age (candidates under 30 will be preferred)

Application procedures

Interested applicants should prepare a dossier consisting of:

- Attached application form duly completed
- A recent curriculum vitae
- a copy of high school/college diploma and transcript/report of study
- copies of relevant pages of passport
- A letter of recommendation
- A certificate of good health
- A statement of criminal records

All documents should be submitted in ENGLISH language. Documents submitted in any other language will not be accepted. It will be the responsibility of applicants to ensure that documents are duly translated and certified by a competent office.

Only COMPLETE DOSSIERS will be accepted for consideration

The complete dossier should be sent by post or electronic mail to:

Knowledge Exchange and Capacity Building Division
Attention: Mr. Anton Mangstl, Director
Food and Agriculture Organization (FAO)
Viale delle Terme di Caracalla
00153 Rome
email: CapacityBuilding@fao.org

Deadlines

Applications by interested candidates should reach FAO no later than
28 February 2010.

Notes:

As scholarship places are limited, interested applicants are strongly encouraged to send their applications for 2010 selection as soon as possible.

Applicants for courses in agricultural disciplines who were not selected in the current year may re-apply for the following year if they wish so.

Applicants who were selected but the course does not start in 2010 due to insufficient applications, may select another course in 2010 if they wish so.

Scholarship cannot be prolonged.

Applicants wishing to explore external funding opportunities to cover the travel costs may do so at their own initiative. However, in view of the length of the process, applicants wishing to apply for 2010 scholarships are strongly encouraged to send in their application while they endeavour to identify funds or pending confirmation that such funds will be granted.

All queries concerning the programme or the application process should be sent to FAO as indicated in the address above.

DESCRIPTION OF COURSES

Summary of conditions:

Nature and level of courses:	MSc in various agriculture subjects
University:	Various universities– see detailed description
Who can participate:	Students holding a BSc/MSc or equivalent. Specific requirements may be applied by single Universities, see detailed description
Form of support:	Scholarship
Duration of scholarship:	22 month
Languages:	English
Age limit:	No formal age limits, but candidates under 30 are preferred
Other conditions:	Students applying to English courses should have an appropriate level of knowledge in oral and written English (certificate)
Available places:	Max. 35 persons for 2010/2011
Deadline for applying:	28 February 2010 to FAO

MSc course on Master in ANIMAL NUTRITION AND FEED SAFETY in
English language
at the Szent István University, Faculty of Agricultural and Environmental Sciences,
Gödöllő, Hungary
(Application code: "E1")

Name of the course: MSc course on Master in Animal Nutrition and Feed Safety

Name of the degree: Master in Animal Nutrition and Feed Safety

Goals of the education

Animal nutrition incorporates fodder and crop production, fodder conservation, also feed manufacture, and the quality control of feeds. Quality of the animal-origin foods is affected mainly by quality of the animal feeds, and therefore this latter one has crucial importance in human nutrition. Feed safety refers to the requirements of consumers, also to maintaining welfare conditions for food-producing animals, as well as to sustainability of the environment and its conservation. These criteria has necessitated specialist in all area of feed and food industries, such as production, quality control, research and development and also professional organizations and authorities. Courses cover all of the above mentioned topics both in animal nutrition and feed safety. Graduated students will have the opportunity to make successful carrier in any area of feed industry, feed and food processing industry, quality control laboratories, and even in the professional organizations and authorities. Graduates will have the knowledge to continue their studies and research on PhD level.

Length of the study programme: 4 semesters

Total credit: 120

Admission criteria, application requirements:

Good command of English.

Applicants intending to join a master programme should hold undergraduate degree (B.Sc. or equivalent) in relevant field of science or related area. Degree qualifications are assessed individually in accordance with the diploma and its attachments, or with the Report of Study (Index).

When the field of degree is not related to the chosen M.Sc. Programme, credits of the relevant courses in the Report of Study (Index) will be acknowledged by the admission office. Acceptable courses: animal physiology, biochemistry, biometry, chemistry, physics, machinery, agricultural chemistry, soil science, crop production, plant protection, animal husbandry, poultry breeding, sheep breeding, swine breeding, cattle breeding, feed management, animal nutrition, animal health, animal hygiene, marketing, legal affairs, finance and accounting, farm management. Minimum number of 60 credits should be achieved for admission.

MSc course on Master in AGRICULTURAL BIOTECHNOLOGY in English
language
at the Szent István University, Faculty of Agricultural and Environmental
Sciences, Gödöllő, Hungary
(Application code: "E2")

Name of the course: MSc course on Master in Agricultural Biotechnology

Name of the degree: Master in Agricultural Biotechnology

Goals of the education

The aim of the programme 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 programme 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.

Length of the study programme: 4 semesters

Total credit: 120

Admission criteria, application requirements:

Good command of English.

Applicants intending to join a master programme should hold undergraduate degree (B.Sc. or equivalent) in relevant field of science or related area. Degree qualifications are assessed individually in accordance with the diploma and its attachments, or with the Report of Study (Index).

When the field of degree is not related to the chosen M.Sc. Programme, credits of the relevant courses in the Report of Study (Index) will be acknowledged by the admission office. List of acceptable courses for the M.Sc. programmes are specified below. Minimum number of 60 credits should be achieved for admission.

Acceptable courses: natural sciences, principles of agriculture, principles of economy and social sciences.

MSc course on Master in AGRICULTURE in English language
at the Szent István University, Faculty of Agricultural and Environmental
Sciences, Gödöllő, Hungary
(Application code: "E3")

Name of the course: MSc course on Master in Agricultural Sciences

Name of the degree: Master in Agricultural Sciences

Goals of the education

The objective of the M.Sc. program is to educate future agricultural engineers, who are able to apply the knowledge of agricultural and natural sciences, technical science, social and economical 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, economical 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.

Length of the study programme: 4 semesters

Total credit: 120

Admission criteria, application requirements:

Good command of English.

Applicants intending to join a master programme should hold undergraduate degree (B.Sc. or equivalent) in relevant field of science or related area. Degree qualifications are assessed individually in accordance with the diploma and its attachments, or with the Report of Study (Index).

When the field of degree is not related to the chosen M.Sc. Programme, credits of the relevant courses in the Report of Study (Index) will be acknowledged by the admission office. List of acceptable courses for the M.Sc. programmes are specified below. Minimum number of 60 credits should be achieved for admission.

Acceptable courses: natural, technical and social sciences, crop production, plant protection, animal nutrition and husbandry, economy

MSc course on Master in AGRICULTURE in English language
at the University of Pannonia, Georgikon Faculty, Keszthely, Hungary
(Application code: "E4")

Name of the course: Master course on Agriculture

Name of the degree: Master in Agriculture

Goals of the education:

Our agricultural MSc degree program provides professional preparation for the students to enable them the synthesized use of natural, agricultural, technical and economic knowledge, directing the technology, business and labour organization of agricultural production, as well as the management of applications. Agricultural engineers at the MSc level have all the skills and expertises for a creative work, mastering tasks in innovation, planning and development, joining the scientific work, research and for the admission of PhD training programs. The Master's degree program at the Georgikon Faculty offers an advanced level and up-to-date education at each areas of agricultural production. This provides a stable background for the further improvement of their knowledge to meet the requirements of any professional field within the European Union or in international relations.

Main courses of the MSc degree program:

- Crop sciences: integrated production of field crops and horticultural plants, biotechnology, nutrient management, irrigated farming.
- Animal sciences: population genetics, animal reproductive physiology, feeding technology and management, qualification of animal products.
- Economic and social sciences, environmental and quality assurance, farm management,
- Courses on agricultural production and technology, food production, ethics,
- Principles of sustainable farming, quality assurance and rural development.

Length of the study programme: 4 semesters, including a 4 week practical training at training farms.

Total credit: 120.

Admission criteria, application requirements:

Excellent command of English.

Applicants intending to join a master programme should hold undergraduate degree (B.Sc. or equivalent) in relevant field of science or related area. Degree qualifications are assessed individually in accordance with the diploma and its attachments, or with the Report of Study (Index).

When the field of degree is not related to the chosen M.Sc. Programme, credits of the relevant courses in the Report of Study (Index) will be acknowledged by the admission office. List of acceptable courses for the M.Sc. programmes are specified below.

Students must have a minimum of 60 credits of basic courses in natural, technical and social sciences as well as specialized courses including crop, animal and economic sciences.

Acceptable courses: natural sciences, technical and social sciences, horticultural production, plant protection, crop production, animal husbandry and economics, according to the comparison determined in the law of higher education and the related ministerial decrees.

MSc course on PLANT PROTECTION in English language
at the University of Pannonia, Georgikon Faculty, Keszthely, Hungary
(Application code: "E5")

Name of the course: Master course on Plant protection

Name of the degree: Master in Plant Protection

Goals of the education:

The aim of the programme is to train specialists with the degree of doctor of plant sanitary, who are able to fulfil the directional, managing, organizing, consulting, regulating and marketing tasks related to plant protection, based on their wide theoretical knowledge.

Such experts are able to detect the organisms, which are threatening plants (pathogens, pests, weeds) and they are acquainted with their biology and reproduction, and also with the effects and mechanism of chemicals used in plant protection concerning even the environment and humane hygiene. They can prevent the harms and damages caused by the above-mentioned organisms and they are applying the procedures of ecological and integrated plant protection in order to reduce the pesticide-load of the environment. In their work they are always attentive to the safety of food, processors, consumers and the environment. Having a degree in higher education they are permitted to use restricted chemicals.

The further aim is to prepare the interested and inspired students for research work and PhD training in the field of plant protection.

Knowledge to be acquired at the MSC specialization:

- botanical, chemical, ecological, molecular biological, agrozoological, phytopathological, herbological and plant cultivation knowledge;

- natural, economical, commercial, environmental protectional, rural developmental, business and management knowledge necessary for the practice of our specialization;
- economical and mechanical knowledge in the field of plant protection;
- technical, technological knowledge;
- plant biotechnological, resistance biological, diagnostic knowledge;
- knowledge of professional consultation and operating the system of supporting decision.

Length of the study programme: 4 semesters

Total credit: 120 credits

Admission criteria, application requirements:

Excellent command of English.

Applicants intending to join a master programme should hold undergraduate degree (B.Sc. or equivalent) in relevant field of science or related area. Degree qualifications are assessed individually in accordance with the diploma (Degree Certificate) and its attachments, or with the Report of Study (Index).

When the field of degree is not related to the chosen M.Sc. programme, credits of relevant courses in the Report of Study (Index) will be acknowledged by the admission office. List of acceptable courses for the M.Sc. programmes are specified below. Minimum number of 60 credits should be achieved for admission. The condition of the admission to the master course is to have 60 credits in the subjects listed below. If the 60 credits of the below listed subjects is acknowledged further 24 credits can be required parallel to the education in the master course according to the Regulation of Education and Examinations.

Acceptable courses: natural sciences, technical and social sciences, horticultural production, plant protection, crop production, animal husbandry and economics, according to the comparison determined in the law of higher education and the related ministerial decrees.

MSc course on ANIMAL SCIENCE in English language
at the Debrecen University, Debrecen Hungary
 (Application code: “E6”)

Name of the course: MSc course on Master in Animal Science

Name of the degree: Master in Animal Science

Goals of the education:

The MSc in Animal Science 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 are the key research areas of the Institute.

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 study programme: 4 semesters

Total credit: 120

Entry qualifications:

BSc degree or higher in Biological or Animal Science.

BSc degree or higher in a biologically-related degree.

Other approved accreditation or professional qualification.

A TOEFL language test score above 550.

Please note that applicants are required to fill in an application form and attend an interview.

MSc course on FOOD SAFETY AND QUALITY in English language
at the Debrecen University, Debrecen Hungary
(Application code: "E7")

Name of the course: MSc course in Master in Food Safety and Quality

Name of the degree: Master in Food Safety and Quality

Goals of education:

The MSc in Food safety and quality is designed to develop your undergraduate knowledge and improve it through application and research. The field of Food Science is broad and the programme reflects this diversity, with emphasis on raw material qualifying, processing technology, quality analysis and quality assurance.

Areas of Study: Organic and Biochemistry, Food Safety and Quality, Food Processing Technology, Economics, Physical, Chemical and Microbiological Analysis, Laboratory Practices

Length of the study programme: 4 semesters

Total credit: 120

Entry qualifications:

BSc degree or higher in Food Engineering, Chemical Engineering, Biological Science, Agronomy.

BSc degree or higher in a chemically and biologically-related degree.

Other approved accreditation or professional qualification.

A TOEFL language test score above 550.

Please note that applicants are required to fill in an application form and attend an interview.

MSc course on AGRICULTURE in English language
at the Debrecen University, Debrecen Hungary
(Application code: "E8")

Name of the course: MSc course on Agriculture

Name of the degree: Master in Agriculture

Goals of the education:

The MSc in Agricultural Engineering is designed to develop your undergraduate knowledge and improve it through application and research. The field of Agricultural Engineering is broad and the programme reflects this diversity, with emphasis on Applied biochemistry, Applied plant physiology, Applied genetics and biotechnology,

Applied soil science, Production physiology, Nutrient management are the key research areas of the Institute.

We offer you a 6 week field practice in summer.

Areas of Study: Animal nutrition, Integrated crop production, Animal husbandry, Soil cultivation and land development, Horticulture, Environment and land use, Marketing, Product quality, Sectoral economy, Research methodology, Communication, Quality assurance, Management, Goat breeding, Medical and spice crops production, Biometrics, Integrated plant protection, Organic farming, Ethology, Project management, EU knowledge, Animal breeding, Milk and meat processing, Extension in crop production

Length of study programme: 4 semesters

Total credit: 120

Entry qualifications

BSc degree or higher in Agricultural Science.

BSc degree or higher in a biologically-related degree.

Other approved accreditation or professional qualification.

A TOEFL language test score above 550.

Please note that applicants are required to fill in an application form and attend an interview.

MSc course on ANIMAL NUTRITION AND FEED SAFETY
at the Kaposvár University, Faculty of Animal Science, Kaposvár, Hungary
(Application code: "E9")

Name of the course: MSc course on Master in Animal Nutrition and Feed Safety

Name of the degree: Master in animal nutrition and feed safety.

Goals of education:

This program runs under the patronage of the Department of Animal Nutrition at the largest Animal Science faculty of Europe. The department has the most modern experimental animal house in Europe inaugurated in the year of 2000: rooms for metabolic studies (cattle, sheep, swine, poultry, rat) laboratories, experimental feed mill, surgery room, offices and seminar room – all in one building. Thanks to the construction works of the past years students can study in a modern and state of the art environment: new educational buildings, laboratories, library, student hostel (with internet access, sauna and fitness center), experimental and training farm, sport facilities, horse riding school, etc. The aim of this study programme 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. Graduated students will be able to fulfill the requirements of PhD admission.

Areas of the Study Program: precision nutrition, molecular nutrition, nutritional immunology, biochemistry, microbiology, research methodology, nutritional and production physiology, cropping systems, grassland management, compound feed technology, grain and feed preservation and evaluation, agricultural machinery, advanced animal nutrition (ruminants and monogastric animals, companion animal

nutrition, fish nutrition), feed analyses, feed toxicology, nutritional and metabolic diseases, feed quality control, feed safety, quality management, farm management, farm economics, business management, natural resource management, biometry, communication.

Farm practice duration: minimum of 4 weeks scheduled by the institution.

Length of the study programme: 4 semesters

Total credit: 120

Admission criteria, application requirements:

- at least BSc degree (or equivalent) in a field of Animal Science, Agriculture, Game Biology and Game Production or Life Sciences.
- In case of not fully acceptable BSc degree, the university may request to follow extra courses.
- a Grade Point Average (GPA) for the BSc study which is at least 65% of the maximum scale
- fluency in English, both written and spoken. Applicants from non-Anglophone countries must have a certificate of proficiency in English issued by a recognized language institute (for instance TOEFL, IELTS). Applicants who have completed their BSc (or equivalent) degree studies in programme where the language of instruction is English are not required to submit such certificate. The minimum pass scores are 6.0 for the IELTS, 550 for the paper-based Institutional TOEFL and 75 points for the Internet-based TOEFL. Other (national) certificates can be also accepted, if the result is satisfactory.

**MSc course on Master in Rural Development and Agribusiness in English
language**

**At the Szent István University, Faculty of Economics and Social Sciences,
Gödöllő, Hungary
(Application code: "E10")**

Name of the course: MSc course on Master in Rural Development and Agribusiness

Name of the degree: Master in Rural Development and Agribusiness

Goals of education

The Szent István University, Faculty of Economics and Social Sciences introduced the master-level training in Rural Development and Agribusiness in 2008. The training is offered to those prospective students who are interested in economic sciences and sciences connected with the problems of rural areas and want to obtain a degree which covers high-level theoretical and practical knowledge and ensures the possibility of PhD education and qualification either at Szent István University or other universities. The rural development and agribusiness training – based on agricultural, economic, management and rural sociology studies - focuses primarily on the understanding of the current problems of sustainable development and rural regions, the cooperation in the possible directions of development, the preparation of actual development projects, the management and monitoring of project implementation.

The wide range of management and rural development topics is an excellent basis for knowledge adaptation under different conditions and for intensive research in some areas through the specialisations.

Length of the study programme: 4 semesters

Total credit: 120

Admission criteria, application requirements:

Excellent command of English. Those can apply for the MSc course in Rural Development and Agribusiness who have bachelor degree or equivalent college degree, or university degree and certificate. The BSc/BA majors that are fully approved for the MSc admission are: agrobusiness and rural development, agricultural computing and public administration. The following bachelor level majors can be partly approved for admission: other training fields of agricultural sciences, economic and business fields of economic sciences. The prospective students have passed examinations in bachelor courses on science subjects, agricultural subjects, economic, rural development and public administration subjects.

MSc course on Master in HORTICULTURE in English language

At the Corvinus University Faculty of Horticultural Science Budapest, Hungary

(Application code: "E11")

Name of the course: MSc course on Horticulture

Name of the degree: Master in Horticulture

Goals of education

Horticulture is the most dynamic and colourful sector of agriculture. The task of horticultural engineers has been broadening and consists of not only cultivation and primarily processing of plants but includes 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 (ornamentals, fruits, medicinal plants, vegetables, grape and wine) the study program includes 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 week's farm practice period.

Length of the study programme: 4 semesters

Total credit: 120

Admission criteria, application requirements:

Entering of the program: BSc or equivalent degree in agricultural/life or related sciences, English language knowledge (reading, writing, speaking, understanding).

Based on the credits of the applicants obtained in former graduation, additional maximum 24 credits from missing disciplines may be required during the study.

Eligible are also applicants who will have completed a suitable degree by 31 July 2010, so that by the time of their enrolment they can present their diploma.

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.

The Credit Transfer Committee may stipulate a maximum 24 credits for basic training

University main home pages:

Szent Istvan University (Budapest, Gödöllő): www.mkk.szie.hu

University of Pannonia (Keszthely): www.georgikon.hu

Debrecen University (Debrecen): www.agr.unideb.hu

Kaposvár University: www.ke.hu

Corvinus University (Budapest): <http://hort.uni-corvinus.hu>