



STATE OF ISRAEL



Israel's Agency for International  
Development Cooperation  
Ministry of Foreign Affairs



THE HEBREW  
UNIVERSITY  
OF JERUSALEM

The Robert H. Smith Faculty of  
Agriculture, Food & Environment

The International School of  
Agricultural Sciences

**MASHAV - Israel's Agency for International Development  
Cooperation**

**with**

**The Hebrew University of Jerusalem**

**The Robert H. Smith Faculty of Agriculture, Food & Environment**

**The International School of Agricultural Sciences**

invite professionals

to participate in the International Course:

**FEEDING THE FUTURE: FOOD SAFETY AND  
TECHNOLOGY IN TIMES OF GLOBAL CHANGE**

**October 30, 2017- November 23, 2017**



## About the course

### Background

In cooperation with the Hebrew University of Jerusalem's Faculty of Agriculture – MASHAV's only academic affiliate – we are pleased to announce the opening of a training and capacity building program on Feeding The Future: Food Safety And Technology In Times Of Global Change.

The course will be held in Israel at the Robert H. Smith Faculty of Agriculture, Food and Environment, The International School of Agricultural Sciences, in Rehovot from, October 30 – November 23, 2017

### AIMS:

In numerous countries around the world, a significant portion of the population suffers from malnourishment. Raising more indigenous crops with higher levels of nutritious protein is one strategy to address food security. However, even a sufficient supply of a nutritious crop may not sustain the population if the safety of the food is compromised.

Improperly treated crops and unsanitary handling, as well as intentional and accidental poisoning, can threaten the food supply. There is a need for appropriate measures to ensure safe and sanitary conditions in all steps of the chain of supply and trade; from cultivating and harvesting the crop to processing, packaging, shipping, and storing food.

### OBJECTIVES:

The program's objectives are:

- To provide participants with management skills for confronting hazards and threats in the food industry.
- To critically evaluate the nutritional quality of food, and gain awareness of potential health hazards during the cultivation, processing, packaging, handling, transportation, and storage of food.
- To discuss emerging trends for improving the safety and sanitation of food sources from the participants' countries.
- To adopt protective actions to minimize contamination of food in the participants' region.

### MAIN SUBJECTS:

This program's topics of study will include:

- Risk Management in Food Cultivation and Production.
- Water Handling in the Food Industry.
- Beneficial Aspects of Functional Foods.
- Food Management: Quality Assurance and Quality Control.
- Hazard Analysis of Critical Control Points: Implementation in the Food Industry
- Environmental Management in the Food Industry.
- Food Evaluation.

### STUDY CONDITIONS:

Classes will be held at the Faculty's Rehovot campus, around-the-clock computer access will be provided.

We recommend that participants who own a personal computer bring it with them for their own convenience.

Scientific material will be assigned.

Professional field trips will be held.

Full attendance is required.

\*We reserve the right to make changes in the academic program

## **APPLICATION:**

### **Application Requirements**

#### **COURSE COMPLETION**

Each participant will prepare a seminar presentation, which will be reviewed and graded. It should apply knowledge acquired during the course to a topic in food safety. Participants are advised to bring with them digitalized data relevant to their countries, especially on food legislation. On completion of the course and fulfillment of its requirements, participants will receive certificates.

#### **Requirements**

Candidates interested in attending this program require:

- M.Sc. degree or higher in biology, biotechnology, environmental sciences, food technology, or agriculture from a recognized university. A detailed record of studies and copies of degrees must be included with application forms.
- Documentation of academic studies conducted in English OR a TOEFL score of at least 89 on the internet-based scale OR an internationally recognized equivalent. The language of instruction is English, therefore, participants whose native tongue is not English, must furnish proof of proficiency in this language.
- Professional experience in the field is recommended (at least 3 years).
- Basic knowledge in microbiology and human physiology and/or nutrition.
- An official certificate of good health signed and stamped by a doctor.
- Two letters of recommendation are required from the candidate's place of work or university.

#### **Application forms:**

Application forms may be obtained from the nearest Israeli diplomatic or consular representative or can be downloaded from the website of the Israel Foreign Ministry, MASHAV Study Programs at:

<http://www.mashav.mfa.gov.il/MFA/mashav/Courses/Pages/default.aspx>

**Completed applications MUST be sent directly to the Israeli representative in your country by August 17, 2017.** In addition, please send a copy of the forms in PDF format (and not JPEG) to the Faculty by email to: [international.school@mail.huji.ac.il](mailto:international.school@mail.huji.ac.il)

## **General Information**

### **Arrival and Departure**

Arrival date: 30/10/2017

Opening date: 31/10/2017

Closing date: 23/11/2017

Departure date: 23/11/2017 late afternoon or 24/11/2017 during the day

Participants must arrive at the training center on the arrival date, and leave on the departure date. Early arrivals/late departures if required, must be arranged by the participants themselves, directly with the hotel/center, and must be paid for by the participant him/herself.

### **Weather**

The weather in Israel during the months of November is cool/cold, approximately 12-25°C. Participants are requested to bring warm clothes suitable for cold weather, including long-sleeved clothes and a jacket, a hat and comfortable walking shoes (shoes are required for professional tour).

### **Location and Accommodation**

**MASHAV** awards a limited number of scholarships. The scholarship covers the cost of the training program including lectures and field visits, full board accommodation, health insurance (see below) and transfers to and from the airport. **Airfares and daily allowance** are not included in the scholarship.

### **Health Services**

Medical insurance covers medical services and hospitalization in case of emergency. It does not cover the treatment of chronic or serious diseases, specific medications taken by the participant on a regular basis, dental care and eyeglasses. Health authorities recommend that visitors to Israel make sure they have been inoculated against tetanus in the last ten years. Subject to the full binding policy conditions. Participants are responsible for all other expenses.

**Accommodations:** The course will be held at The Hebrew University's Robert H. Smith Faculty of Agriculture, Food & Environment, situated in Rehovot. Participants will be accommodated in single bedroom accommodation in a shared apartment will be provided in our fully equipped guest house on campus.

## **About MASHAV**

MASHAV – Israel's Agency for International Development Cooperation is dedicated to providing developing countries with the best of Israel's experience in development and planning. As a member of the family of nations, The State of Israel is committed to fulfilling its responsibility to contribute to the fight against poverty and to the global efforts to achieve sustainable development. MASHAV, representing Israel and its people, focuses its efforts on capacity building, sharing relevant expertise accumulated during Israel's own development experience to empower governments, communities and individuals to improve their own lives.

MASHAV's approach is to ensure social, economic and environmental sustainable development, and is taking active part in the international community's process of shaping the Post-2015 Agenda, to define the new set of the global Sustainable Development Goals (SDGs).

MASHAV's activities focus primarily on areas in which Israel has a competitive advantage, including agriculture and rural development; water resources management; entrepreneurship and innovation; community development; medicine and public health, empowerment of women and education. Professional programs are based on a "train the trainers" approach to institutional and human capacity building, and are conducted both in Israel and abroad. Project development is supported by the seconding of short and long-term experts, as well as on-site interventions. Since its establishment, MASHAV has promoted the centrality of human resource enrichment and institutional capacity building in the development process – an approach which has attained global consensus.

<http://mashav.mfa.gov.il>

<https://www.facebook.com/MASHAVisrael>

## **About The Hebrew University of Jerusalem**

The Hebrew University of Jerusalem was opened in 1925, preceding the establishment of the State of Israel by more than two decades. The University was designed to be a world class institution of higher learning and research. Today, the Hebrew University comprises seven faculties, 15 schools, some 60 research centers, a student body of about 23,000 and a tenured-track faculty of some 1,500. One third of its enrollment is at the M.Sc. and Ph.D. level.

## **The Robert H. Smith Faculty of Agriculture, Food & Environment**

The Hebrew University's Robert H. Smith Faculty of Agriculture, Food & Environment was established in 1942 in Rehovot, a city at a distance of some 55 km from the main campus of the University in Jerusalem. The site was chosen with considerations of its climate and soil conditions. It is the only agricultural institution of higher education in Israel offering university degrees. The International School of Agricultural Sciences is aim to expose academic graduates from abroad to post-graduate programs, giving them insight into the achievements and research of Israel in general and of the Faculty in particular, expanding their knowledge in specific fields and creating opportunities for international cooperation.

### **For further information, please contact:**

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