



STATE OF ISRAEL



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



THE HEBREW  
UNIVERSITY  
OF JERUSALEM

**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:

**NUTRITION IN A CHANGING GLOBAL  
ENVIRONMENT**

**November 09, 2025- November 27, 2025**



## 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 Nutrition in A Changing Global Environment.

The course will be held in Israel at the Robert H. Smith Faculty of Agriculture, Food and Environment, International School of Agricultural Sciences, in Rehovot from November 9, 2025 until November 27, 2025

### AIMS

Major changes have occurred in the global diet. In the past, malnutrition and infectious diseases were of primary concern. They remain a challenge, but today we also face an emerging trend towards overnutrition and chronic diseases (cardiovascular, diabetes, cancer). Nutrition transition has made ultra-processed foods, high in sodium, fats and simple sugars, the daily menu for millions of individuals around the world. This is particularly true for growing percentages of the population in developing countries. Inexpensive ultra-processed foods are readily available and natural, locally-grown products are disappearing. As we better understand how diet affects our health, it is clear that far-reaching dietary changes must be made.

It is critical that every country develop appropriate dietary recommendations that will optimize nutrition at every age. A lifecycle approach, starting in utero, allows for life-long good health. Nutrition professionals, doctors, nurses and health educators need tools to carry out critical evaluation of the most recent nutritional studies and implement appropriate changes in the community. "Informed" food choices based on sound scientific evidence can insure good nutrition for all.

### OBJECTIVES

**The program's objectives are:**

- To present the most current dietary strategies for promoting good health.
- To provide an overview of the nutritional needs of different populations.
- To critically examine how nutritional recommendations are made and to evaluate metabolic, epidemiological and clinical evidence.
- To explore new developments in food technology.
- To understand how technology and AI can be used for nutrition promotion.
- To develop new tools for implementing nutritional recommendations.

## **MAIN SUBJECTS**

This program's topics of study will include:

- Evidence-based nutrition.
- Intermittent fasting and the biological clock.
- Functional foods
- New innovations in food technology.
- Nutrition transition.
- Diets for optimal growth in children
- The Mediterranean Diet
- Nutrition in the elderly.
- Barriers and facilitators to making healthy food choices.
- The use of AI and electronic platforms for nutrition promotion.

## **STUDY CONDITIONS**

Classes will be held at the Faculty's Rehovot campus, where there are laboratories, advanced research equipment and the central library of Agricultural Science.

Around-the-clock computer access will be provided, and computers will be used extensively.

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

Scientific material and homework 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 course project, which will be reviewed and graded. The project will apply knowledge acquired during the course to a nutritional, public health challenge facing your country (for example: obesity, AIDS, iodine deficiency, etc.). Participants should have access to digitalized data relevant to their countries. On completion of the course and fulfillment of its requirements, participants will receive certificates, which are accredited by many universities.

### Requirements

Candidates interested in attending this program require:

- M.Sc. degree or above in nutrition, dietetics, medicine, bio-chemistry, health education, or a related field, 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).
- This course is designed for public health practitioners, nutritionists, doctors, dietitians, health educators, and academics in relevant fields.
- 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

The online application form may be obtained through the following link:

<https://mashav-mfa.formtitan.com/ftproject/mashavhome>

Please select the English language and enter the course code 7182.

Completed application forms, including a Health declaration, must be submitted no later than **September 19, 2025**.

## General Information

### Arrival and Departure

Arrival date: 09/11/2025

Opening date: 10/11/2025

Closing date: 27/11/2025

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.

### 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 bedrooms in a shared apartment provided by our fully equipped guest house on campus.

### About MASHAV

MASHAV – Israel's Agency for International Development Cooperation - mission is to lead the State of Israel's efforts in empowering individuals and communities by sharing tools and expertise to achieve transformation within their own societies.

By placing people at the heart of development and in alignment with the United Nations 2030 Agenda for Sustainable Development, we focus our development activities on human capacity building and on the 'training of trainers' approach, sharing with other countries Israel's own experience and expertise as well as innovative technologies and tested methodologies.

MASHAV's professional capacity building activities take place both in Israel and in partner countries and focus on areas in which Israel has a comparative advantage and accumulated expertise: Food Security and Agriculture, Education for All, Medicine and Public Health, Community Development, Innovation and Entrepreneurship, Gender Equality and Women's Empowerment, Rural-Urban Development, Research and Development, Emergency Planning and Response and Humanitarian Aid.

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## 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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