Food Security Program (FSP)

Director: Bahn, Rachel

Interfaculty Committee on Capacity Building in Food Security:
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Mission

The Food Security Program aims to promote food security through education, research, community action, and policy-oriented professional practice. The program pursues a holistic approach to the many aspects of food security, including nutritional health, agricultural production, economic development, environmental sustainability, and socio-cultural considerations. The program will educate a new generation of leaders in the Middle East and North Africa and throughout the Arab world, preparing graduates to address the vital issue of food security in an interdisciplinary and hands-on fashion.

Graduate-level, non-degree Diploma in Food Security

Through its Food Security Program, the Faculty of Agricultural and Food Sciences offers a graduate-level, non-degree Diploma in Food Security.

Curriculum

The Diploma in Food Security requires completion of five courses for a total of 12 credits.

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<th>Diploma in Food Security Courses</th>
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<td>FSEC 305 Agriculture: Technology, Supply Chains, Sustainability</td>
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Course Descriptions

**FSEC 300 Food Security: Challenges and Contemporary Debate** 3 cr.
This course introduces concepts and principles of food security, namely availability, accessibility, utilization, and stability of food supply. Students are familiarized with the history of thought on food security, from Malthus to the Green Revolution to Sen and the inclusion of political and social factors in considering food security.

**FSEC 305 Agriculture: Technology, Supply Chains, Sustainability** 3 cr.
This course provides an understanding of sustainable agricultural production through a value chain approach as it relates to production and productivity, water and soil management,
technology and post-harvest practices; with special application to the dry lands of the Middle East North Africa region.

**FSEC 310 Nutrition Security: Assessment and Intervention Strategies** 3 cr.
This course introduces students to basic principles of nutrition security, community nutrition, and nutritional ecology; and highlights the role that nutrition plays in improving the health and wellbeing of communities. The course aims to equip students with the knowledge and skills required to conduct population-based nutrition research, assess the nutrition needs of a population, to plan, implement and evaluate community nutrition programs and policies based on evidence-based practice and taking into consideration cultural, social, and contextual dimensions.

**FSEC 315 Food Policies and their Planning Process** 3 cr.
This course builds knowledge of the food system from local planning and policy and applied economic perspectives. The course familiarizes students with key players and issues related to the practice of food system planning (the process and practice of creating and implementing food policies), how this practice interfaces with the economy, and how to place these issues in a global context.

**FSEC 320 Graduate Seminar in Food Security** 0 cr.
This course provides a forum for exchange of experiences and knowledge sharing. Students will participate in field trips, complete individual tasks and projects related to food security issues in the Middle East North Africa and the broader developing country context, and present and discuss findings.