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Graduate Certificate in Global Food Security

offered on-campus and at a distance by:
The International Center for Food Industry Excellence

Application and additional information available at:

icfie.co/gfs

This graduate certificate in Global Food Security (GFS) enables individuals working in a wide range of areas within the food industry to increase their understanding of the interdisciplinary issues related to the approaching global crisis of food insecurity. This program follows recommendations from the Food and Agriculture Organization (FAO) of the United Nations (UN) for increased education within the four pillars of food security. Increased knowledge in Availability, Access, Stability and Utilization will strengthen human capital as the world surges toward more than 9 billion people by the year 2050. This program will help increase students' understanding of various aspects of GFS while allowing the flexibility to focus instruction in one of the four defined pillars.

Contact Dr. Todd Brashears for more information at todd.brashears@ttu.edu

Program Overview

- 12 credit hours (four courses)
- All courses are offered online; and most are also offered face-to-face on the Lubbock campus.
- Students can complete required courses as quickly as two semesters (fall - spring).
- New students may enroll at the beginning of any one of the three main semesters throughout the year (fall, spring, summer).
- Prerequisite: bachelor's degree.
- In-state and out-of-state tuition and fees apply depending on students' residence.

Application

- Complete the ApplyTexas application at: <http://www.applytexas.org> to gain admission to the graduate college.
- Provide previous transcripts and additional materials for admission to the department.
- International students must score a minimum of 79 on the Test of English as a Foreign Language (TOEFL).

Course Requirements

Food Security (6 hours required)

- FDSC 5307 – Introduction to Food Security
- FDSC 7307 – Food and Nutrition Policy

Optional (6 hours from one track below)

Food Production Track

- ANSC 5001 - Livestock Feeds and Feeding
- PSS 5334 - Soils and Crops in Arid Lands

Food Safety Track

- FDSC 5301 - Study in Food Microbiology/Food Safety
- FDSC 5307 - Food Sanitation in Processing/Retail
- FDSC 5307 - Quality Assurance for Food Industries
- FDSC 5307 - Food Plant Design

Human Nutrition Track

- NS 5311 - Issues in Nutrition: Food Security
- NS 5345 - Nutrition and Sustainability of Global Food Supplies
- NS 6318 - Maternal and Child Nutrition

Program Development and Analysis Track

- AAEC 5301 - Measuring and Analyzing Food Security
- AGED 5001 - Rural Development
- AGED 5001 - Needs Assessments in Food Security
- AGED 5309 - Evaluation of Programs in Vocational, Technical and Extension Education