

# Climate Change impacts on Agriculture and Food Security

**ALS 5905 class # 27574**  
**Fall 2020**

The impacts of global climate change on food systems are complex, widespread, spatially and temporally variable. This graduate level course provides an overview of current and future anthropogenic climate change impacts on food production. The first half of the course will focus on holistic perspectives of current and future climate scenarios and their impact on food production. The second half will explore case studies from around the world to compare and contrast mitigation and adaptation measures used to reduce negative impacts caused by climate change. This course directly collaborates with faculty from our partner institution Centro Agronómico Tropical de Investigación y Enseñanza (Tropical Agriculture Research and Higher Education Center—CATIE) in Costa Rica, that will provide first-hand case studies and an international perspective.

Prerequisites: PLS 3004C (Principles of Plant Science), or equivalent, or approval by the instructor.

## Instructor

UF: Dr. Gerardo Celis

## International Collaborator

CATIE: Dr. Miguel Cifuentes-Jara

## Class schedule

Tuesday 4:05 - 6:00pm

Thursday 4:05 - 4:55pm

**For more information, contact:**

[celis@ufl.edu](mailto:celis@ufl.edu)

**To register: <https://one.ufl.edu>**

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