



# **AEC 592 SECTION 015 EA 590 SECTION 602**

# **AGRICULTURAL CHEMICAL RISK ASSESSMENT**

**Are you interested in learning about the impact of agricultural chemicals on the environment and human health?**

This new blended learning course brings together on-campus and online students to learn about the risks and benefits of agricultural chemicals in relation to human and environmental health. In this course, students will learn how to conduct and communicate human health and ecological agricultural chemical risk assessments, including hazard and exposure assessments. Course content includes emerging technologies and issues and ways to apply them in the field.

The format for this course includes short, online lectures provided by diverse content experts; interactive discussion forums with fellow students; and biweekly live sessions to explore cutting-edge advancements in the field and to apply course content to real-world problems.

Students in on-campus programs should register for AEC 592 Section 015, and students in online programs should register for EA 590 Section 602.

## **Snapshot of Course Topics**

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**Ecological and  
Human Health Risk  
Assessment**

**Occupational and  
Residential Pesticide  
Exposures**

**Human Health  
Pesticide Illness  
Surveillance**

**Regulation of  
Agricultural  
Chemical Use**

**Epidemiology of  
Pesticides**

**Compartmental  
Sampling and  
Analytical Methods**

**Mechanisms of Toxic  
Action**

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