# AGROECOLOGY FORMERLY ECOLOGICAL AGRICULTURE

# WHAT IS AGROECOLOGY?

Conversion of the world's natural landscapes for food production is draining irreplaceable resources. Farming and agriculture for the 21st century will need to pivot from long-accepted practices to a more sustainable use of our resources. Agroecology, seeks to integrate environmental science, ecology and community to grow food in a way that sustains people and the planet.

# WHY AGROECOLOGY AT UVM?

- Based in the College of Agriculture and Life Sciences, agroecology (formerly
  ecological agriculture) students are immersed in an interdisciplinary curriculum
  that spans food systems, environmental science, plant biology, soil science,
  and ecology.
- Make the outdoors your classroom at the UVM Horticultural Research and Education Center, home to our 97-acre working fruit and vegetable farm and UVM Farmer Training Program.
- Contribute to meaningful, community-oriented knowledge through undergraduate research with faculty and researchers working to improve agricultural systems locally and around the world.
- Vermont's diverse working landscape, small farms and thriving local food culture provide excellent opportunities for hands-on courses and internships.
- Gain critical skills for a sustainable future. Our graduates land rewarding
  careers as agricultural consultants, soil conservationists, farmers and growers, brewers, vintners, entrepreneurs, soil and water technicians, food security
  specialists, researchers and educators.





## **CORE COURSES**

## **PSS 021**

Intro to Agroecology

#### **PSS 106**

Entomology & Pest Management

## **PSS 138**

Commercial Plant Propagation

## **PSS 161**

Soil Fertility & Conservation

#### **PSS 208**

Diversified Farm Planning

## **CDAE 208**

Agricultural Policy & Ethics

## **ELECTIVE COURSES**

### **PSS 120**

Cold Climate Viticulture

### **PSS 124**

Agroecology of Vegetable Crops

## **PSS 154**

Composting Ecology & Management

## **PSS 156**

Permaculture

## **PSS 196**

Crop Innovation & Breeding

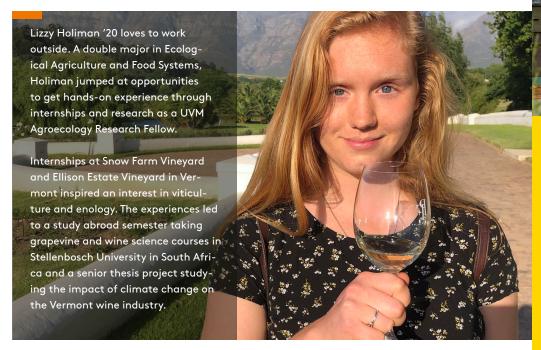
Sampling of courses only. Explore more course options on our website.



BS

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# STUDENT SPOTLIGHT



# ALUMNI IN ACTION

"UVM added fuel to my passion for agriculture and its undeniable impact on the community. While the classes gave me the science, my professors, peers, and mentors gave me the guidance to take my knowledge into the world and make a difference."

- Shelby Doggett '14, What Cheer Flower Farm



Shelby Doggett '14 has a passion for agriculture and education. In 2017, she co-founded What Cheer Farm, a nonprofit cut-flower farm in Providence, Rhode Island in order to grow, rescue and give away flowers to underserved people, including in hospitals and hospices, atrisk youth, and people in recovery centers and shelters.

Her efforts have earned her recognition as a "Rhode Islander of the Year" by Rhode Island Monthly.



CALS DISTINGUISHED UNDERGRADUATE RESEARCH PROGRAM

AGROECOLOGY RESEARCH
FELLOWS PROGRAM

**UVM HORTICULTURE CLUB** 

**UVM BEEKEEPERS CLUB** 

CATAMOUNT FARM
SUMMER PROGRAM

INTERNSHIPS WITH LOCAL FARMS AND BUSINESSES

## CONTACT

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LEARN MORE AT go.uvm.edu/agro

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