



## UNDERGRADUATE ACADEMICS

### 20 majors, 20 minors

The top three majors by enrollment in fall 2018 were Packaging (522), Animal Science (452), and Environmental Studies and Sustainability (253).

#### Majors and Concentrations:

##### Agribusiness Management

##### Agriculture, Food & Natural Resources Education

##### Animal Science

- Animal Biology & Preveterinary Medicine
- Animal Industries
- Companion & Exotic Animal Biology
- Production Animal Scholars

##### Biosystems Engineering

##### Construction Management

##### Crop & Soil Sciences

- Advanced Study
- Agronomic Sciences
- Turfgrass Management

##### Dietetics

##### Entomology

##### Environmental Economics & Management

##### Environmental Studies & Sustainability

##### Fisheries & Wildlife

- Conservation Biology
- Fish & Wildlife Disease Ecology & Management
- Fisheries Biology & Management
- Preveterinary
- Water Sciences
- Wildlife Biology & Management

##### Food Industry Management

##### Food Science

- Basic Food Science
- Food Business & Industry
- Food Packaging
- Food Technology

##### Forestry

##### Horticulture

- Horticultural Science
- Landscape Design, Construction & Management
- Sustainable & Organic Horticulture

##### Interior Design

##### Landscape Architecture

##### Nutritional Sciences

- Biomedical & Molecular Nutrition
- Global Nutrition & Health
- Public Health Nutrition

##### Packaging

- Packaging Science
- Packaging Value Chain Management

##### Sustainable Parks, Recreation & Tourism

## CERTIFICATE PROGRAMS

We offer specialized **certificate programs** through the **MSU Institute of Agricultural Technology** on the **East Lansing campus** and **off campus** in partnership with community colleges in Battle Creek, Centreville, Dowagiac, Escanaba, Monroe, Muskegon, Scottville, Sidney, Taylor and Traverse City.

These programs provide practical learning and skill enhancement including a required professional internship. Programs can be completed in two years:

- Agricultural Industries
- Agricultural Operations\*
- Dairy Management
- Electrical Technology
- Fruit & Vegetable Crop Management\*
- Fruit, Vegetable & Organic Horticulture Management
- Horse Management
- Landscape & Nursery Management
- Landscape Management\*
- Livestock Industries
- Turfgrass Management – Sports & Commercial Turf Management emphasis
- Turfgrass Management – Golf Course emphasis
- Viticulture\*

[canr.msu.edu/iat](http://canr.msu.edu/iat)

\* Offered on-campus and in conjunction with community college partners.



## GLOBAL ENGAGEMENT & RESEARCH

Our college has been recognized for new scientific discoveries, scholarship and leadership in agriculture and natural resources research in the U.S. and abroad. Today the CANR faculty, staff and students sustain its long and distinguished history of involvement in global programs.

The college's global reach has **more than 140 faculty participating in 118 global collaboration initiatives** focused on agricultural research, education, outreach, and human and institutional capacity building. These programs are supported by **more than \$72 million in grant funding**.

Top global grant projects include those that support USAID's Feed the Future global hunger and food security initiative and an agricultural development project of the Bill and Melinda Gates Foundation.

From 2014 to 2018, global engagement and research generated **more than 2,700 significant scholarly works**, especially in the areas of plant sciences, entomology, horticulture, fisheries, and food science and technology. CANR's global activities are conducted in **more than 170 countries**.

[canr.msu.edu/research](http://canr.msu.edu/research)



## STUDENT LIFE

According to data from the Spring 2017 MSU Destination Survey:

- **32%** of CANR students participate in **study abroad programs** in 35 different countries.
- **32%** of students participate in **undergraduate research**.
- **89%** of students participate in **internships or co-op work**.
- **94%** of CANR graduates are placed in **jobs** or attend **graduate school**.

Connections to campus through activities and clubs ensure that students have opportunities to develop leadership skills, build community, foster professional networks and have fun.

Our worldwide CANR alumni network includes about **65,000 graduates**.

[canr.msu.edu/academics](http://canr.msu.edu/academics)



## GRADUATE ACADEMICS

All 12 of the college's academic units offer **master's** and **doctoral programs**:

- Agricultural, Food, & Resource Economics
- Animal Science
- Biosystems & Agricultural Engineering
- Community Sustainability
- Entomology
- Fisheries & Wildlife
- Food Science & Human Nutrition
- Forestry
- Horticulture
- Packaging
- Planning, Design & Construction
- Plant, Soil & Microbial Sciences

[canr.msu.edu/graduate](http://canr.msu.edu/graduate)



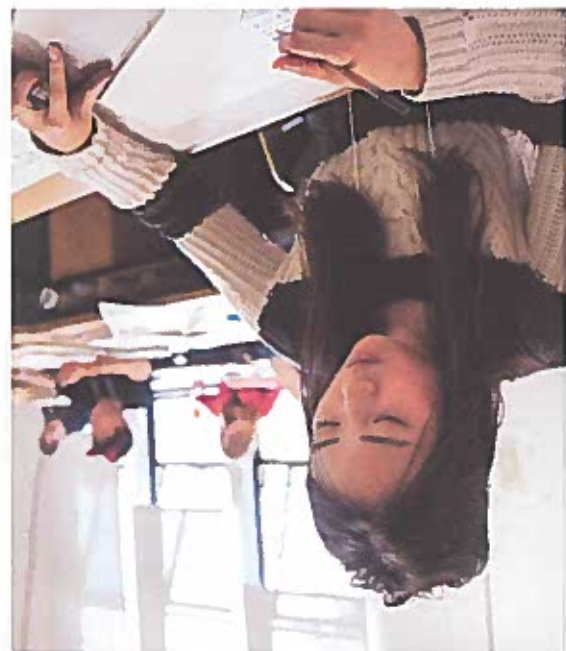


From fall 2018 enrollment data.  
[canr.msu.edu/academics](http://canr.msu.edu/academics)

Average Combined SAT: 1200  
 Average Composite ACT: 25  
 Average high school GPA: 3.75  
**Academic Profile**

Institute of Agricultural Technology  
 Graduate students: 617  
 Undergraduates: 3,782  
**Overall CANR enrollment: 4,893\***

## OUR STUDENTS



Building relationships, solving problems and meeting the needs of Michigan residents and the people of the world have been the focus of the Michigan State University College of Agriculture and Natural Resources for more than 160 years.

CANR became the first college at MSU in 1855 and the model for the nation's entire land-grant system.

CANR has pioneered advancements in agricultural and natural resources research, education and outreach.

Today, our land-grant roots are not only a part of our history — they represent our future.


## HISTORY



To enhance the quality of life for the people of Michigan and the world by advancing knowledge for the management of communities and agricultural, natural resources and food systems to meet diverse human needs in the areas of food, health and the environment in a sustainable manner.

## MISSION



College of Agriculture & Natural Resources 

[www.canr.msu.edu](http://www.canr.msu.edu)

## LEADERSHIP

- Dean: Ronald L. Hendrick
- Senior Associate Dean & Director for Academic Student Affairs: Kelly F. Millenbah
- Senior Associate Dean of Outreach & Engagement & Director of MSU Extension: Jeffrey W. Dwyer
- Assistant Vice President of Research & Graduate Studies & Director of MSU AgBioResearch: Douglas D. Buhler
- Associate Dean for Research & Associate Director of MSU AgBioResearch: George W. Smith
- Associate Dean & Director for Diversity, Equity & Inclusion: Quentin R. Tyler
- Associate Dean for Faculty & Administrative Affairs & Director of Faculty Development: Suzanne Lang

## CONTACT

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Spartans in the College of Agriculture and Natural Resources cultivate the next big ideas in food, health and the environment.

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## SOCIAL

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## AT A GLANCE

College of Agriculture  
 & Natural Resources

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