



College of Agriculture
and Natural Resources
MICHIGAN STATE UNIVERSITY

Department of Biosystems and Agricultural Engineering

BY THE NUMBERS

230

undergrad
students

35

graduate
students

95%

student job
placement

23

faculty
members

1,763

alumni

ABOUT

Since 1906, the Department of Biosystems and Agricultural Engineering (BAE) has responded to the changing needs of society by integrating and applying principles of engineering and biology in a systems context. Today, biosystems engineers at MSU solve complex, rapidly changing problems related to food quality and safety, ecosystems protection, homeland security and health protection, biomass utilization, and renewable energy development.

The mission is to improve quality of life by integrating and applying principles of engineering and biology to systems involving food, environment, energy and health.

PROGRAMS

Certificate: Two-year program in electrical technology leading to licensing as a journeyman electrician and master electrician.

Undergraduate: Bachelor's degree in biosystems engineering through the College of Engineering and an undergraduate minor in technology systems management through the College of Agriculture and Natural Resources.

Graduate: Master's and Ph.D. degrees are granted in biosystems engineering.

GIVING OPPORTUNITIES

There are various ways to support faculty and students, including:

- Undergraduate student activities
- Graduate fellowships and teaching assistants
- Infrastructure and facilities

CONTACTS

Kathy Spring

Associate Director of
Development

Email: springk1@msu.edu

Phone: 517-353-4749

Darrell Donahue, Ph.D.

Department Chair
ddonahue@msu.edu

517-355-4720

Michigan State University

Department of Biosystems and
Agricultural Engineering

524 S. Shaw Lane

East Lansing, MI 48824

Department of Biosystems and Agricultural Engineering



WAYS TO GET INVOLVED

LEARN: A desire for lifelong enrichment marks a true Spartan. A wide variety of programs are available in person and online for continues learning.

GET TOGETHER: On campus and throughout the world there are many opportunities for Spartans to connect with one another.

GIVE BACK: Spartans make a difference. Join our ranks of Spartans who are enhancing the MSU experience for students, faculty and staff.

TRADITIONS: There are many ways for alumni and fans to show their support of the university.

FIND OUT MORE: canr.msu.edu/alumniengagement

STAY CONNECTED

UPDATE your information: alumni.msu.edu/update.

EMAIL: Sign-up to receive the CANR Alumni newsletter: canr.msu.edu/alumninewsletter.

MAGAZINE: Read *In the Field*, featuring stories from the college. Join the mailing list by making a gift at the Spartan Loyal level or above.

WEB: canr.msu.edu/alumni

FOLLOW CANR on social:

STUDENTS

Biosystem engineers ensure:

- safe food
- healthy ecosystems
- bioenergy
- human health

RESEARCH

With megatrends such as population growth, climate change and rapid urbanization, BAE researchers' work is crucial to improving food security and managing natural resources while protecting the environment and improving public health. Faculty engage in several international research projects addressing global food, water and energy security.

OUTREACH

Provide knowledge and educational programming to the citizens of Michigan. BAE provides programming in anaerobic digestion, irrigation, farm energy, Enviro-weather program and through the Global Center for Food Systems Innovation.