**Biological Engineering**

Biological engineers pioneer new technologies and processes in areas such as bioprocessing, precision agriculture, plant biology for space missions, biofuels, packaging, agricultural robotics and remote sensing along with addressing critical soil and water issues. Graduates are educated in the biological and environmental sciences, as well as in engineering. They help ensure we have the basic necessities of life: food, water, energy and a safe, healthy environment.

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**Choose Your Concentration**

**Agricultural Production Engineering**
Works with design and implementation of agricultural power and machinery, structures and environments, greenhouses and instrumentation, robotics for agriculture and computer modeling and control

**Packaging Engineering**
Studies the package life cycle, including design, development, distribution, transport, and recycling of materials with a focus on packaging technologies and sustainable packaging solutions

**Land and Water Resources Engineering**
Involves all aspects of water and rural environmental management, including irrigation, water conservation, water control and structures, waste and wastewater recycling, water quality, ecosystems preservation, and more

**Biosystems Engineering**
Integrates fundamental engineering sciences and practice with biological sciences and prepares students for advanced studies in biomedical engineering, bioprocess engineering, and agricultural engineering

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**ABE ALUMNI**

**Brandt Bessell**
Research Technician at University of Nebraska-Lincoln
*Bachelor of Science, Class of 2020*

**Alison Mica**
Project Manager at Bacardi OC
*Bachelor of Science, Class of 2012*

**Dr. Nathan Wangusi-Ishimwe**
Project Professional (Water Resources and Civil Engineering) at Kleinfelder
*Bachelor of Science, Class of 2007
Master of Science, Class of 2009
Doctor of Philosophy, Class of 2013*

**Elizabeth Dautel**
Research and Development Engineer at Ecovative Design
*Bachelor of Science, Class of 2020*

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**LEARN MORE ABOUT BIOLOGICAL ENGINEERING CONCENTRATIONS AT** [ABE.UFL.EDU/UNDERGRADUATE](http://abe.ufl.edu/undergraduate)
Internships Lead to Jobs

Your job while at the University of Florida is to get the most out of your education and take advantage of the hands-on learning opportunities both in and out of the classroom. Students who participate in internships while at the University of Florida gain valuable experience and have one foot in the door to those employers.

Learn more about internships at abe.ufl.edu/undergraduate.

“Experiencing an internship provides a plethora of benefits. It allows you to create connections. I will never forget the people I worked with. I speak to them as both friends and colleagues. They have already been supportive with my future endeavors.”

Ayla Sage
Graduate Student at University of Miami’s Rosenstiel School of Marine and Atmospheric Science
Bachelor of Science, Class of 2020

What can you do?

Our alumni are working across the country and around the world in jobs as diverse as their interests, and the University of Florida Biological Engineering program has a reputation for producing excellent engineers.

Finding unlimited solutions to limited resources, that’s biological engineering.

Potential Jobs

- Environmental Affairs Consultants
- Manufacturing Engineer
- Packaging Engineer
- Process Design Engineer
- Process Safety Engineer
- Project Engineer
- Quality Control Engineer
- Research and Development Engineer
- Technical Services Engineer
- Technical Manager

Potential Employers

- Angiotech
- Bioferm Energy Systems
- Campbell’s Soup
- Casseaux Hewett & Walpole, Inc.
- CH2M Hill
- Contech Construction Products
- Department of Environmental Regulation
- Exactech
- Frito Lay
- Jet Propulsion Laboratory
- Johnson Engineering
- Jones Edmund & Associates
- John Deere
- Kraft Foods
- Kimely Horn & Associates, Inc.
- Lane Engineering, Inc.
- Lykes Bros, Inc.
- Mock Roos & Associates, Inc.
- National Instruments
- Natural Resource Conservation Service
- Okeelanta Corporation
- Procter and Gamble
- Royal Consulting Services
- RTI Surgical
- Soil & Water Engineering Technology
- Solar Impact
- U.S. Army Corps of Engineers
- U.S. Food and Drug Administration
- Walt Disney World - Epcot
- Water Management Districts in Florida

GET STARTED

For more information about the University of Florida Biological Engineering program, visit abe.ufl.edu/undergraduate.

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