

AGRICULTURAL AND BIOLOGICAL ENGINEERING DEPARTMENT

Chair: K. Migliaccio

Graduate Coordinator: G. Kiker

The degrees of Master of Science and Doctor of Philosophy are offered with graduate programs in agricultural and biological engineering in the areas of agricultural operations management and applied sciences through the College of Agricultural and Life Sciences. Requirements for these degrees are given in the Graduate Degrees (<http://gradcatalog.ufl.edu/graduate/degrees/>) section of this catalog.

The Master of Science and Doctor of Philosophy in the agricultural operations management area of specialization provide for scientific training and research in technical agricultural management. Typical plans of study focus on advanced training in environmental systems management, production systems management, construction and process management and technical sales management.

For students with basic science degrees, the Master of Science and Doctor of Philosophy programs with a specialization in applied sciences through the College of Agricultural and Life Sciences provides advanced training in problem-solving capabilities, interdisciplinary research, and methods for applying science to real-world problems and issues. Typical emphasis is on:

1. the use of engineering methods and approaches, such as mathematical modeling, optimization, and information technologies, in application of science to problems of various spatial and temporal scales; and
2. an interdisciplinary experience in research at the doctoral level.

The requirements for a master's degree normally take 2 years to complete. The length of time required for the Doctor of Philosophy degree depends partly on the research topic, but normally takes 3 to 4 years.

For more information about the program, please visit the program link below and the graduate studies pages on the departmental website at <http://www.abe.ufl.edu>.

Majors

- Agricultural and Biological Engineering (CALS) (<http://gradcatalog.ufl.edu/graduate/colleges-departments/agricultural-life-sciences/agricultural-biological-engineering/agricultural-biological/>)

Faculty

Professor

- Burks, Thomas Francis
- Dukes, Michael D.
- Fraise, Clyde William
- Graham, Wendy Dimbero
- Hoogenboom, Gerrit
- Jones, Pierce H.
- Judge, Jasmeet
- Kiker, Gregory A.

- Lee, Won Suk
- Li, Changying
- Migliaccio, Kati White
- Mukhtar, Saqib
- Munoz-Carpena, Rafael
- Shukla, Sanjay
- Welt, Bruce Ari

Associate Professor

- Ampatzidis, Ioannis
- Bliznyuk, Nikolay A.
- Correll, Melanie J.
- Martinez, Christopher J.
- Medeiros, Henry Ponti
- Muneeppeerakul, Rachata
- Pullammanappallil, P C.
- Reyes-De-Corcuera, Jose I.

Assistant Professor

- Bayabil, Haimanote Kebede
- Bean, Eban Zachary
- Boz Ozdemir, Ziyne
- Choi, Daeun
- Gorucu, Serap
- Guzman Gutierrez, Sandra Milena
- Her, Young Gu
- Hofstetter, Daniel William
- Martin-Ryals, Ana D.
- Pavan, Willingthon
- Sharma, Vivek
- Singh, Aditya
- Wang, Xu
- Watson, Jonathan A.
- Yu, Ziwen
- Zhang, Ying

Senior Lecturer

- Porter, Wendell A.

Affiliated Faculty

- De Vries, Albert
Professor
- Menezes, Amor
Assistant Professor
- Schueller, John Kenneth
Professor