### Biological and Agricultural Engineering

#### Admission Requirements

A baccalaureate in biological or agricultural engineering or other engineering discipline (GPA > 2.8) is the preferred prerequisite for admission. Those with a strong academic background in the physical or biological sciences may also be admitted with a requirement for undergraduate work in math, physics, chemistry and basic engineering courses. In the case of applicants with Master's degrees, a Master's GPA of at least 3.2 is required for admission to the PhD. Exceptions to the overall undergraduate GPA requirements may be made for cases where performance in the major or during the last two years was at or above the 3.00 level.

Applicants who do not have an engineering background, but have earned a degree in an appropriate science discipline may be admitted to the Systems Analysis Concentration in the MS or PhD program without completing the engineering prerequisites.

GRE scores are required for all applicants. A faculty review committee will admit the best-qualified applicants.

#### Degrees

- Biological and Agricultural Engineering (MR) ([link](http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-mr/))
- Biological and Agricultural Engineering (MS) ([link](http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-ms/))
- Biological and Agricultural Engineering (MS): Systems Analysis Concentration ([link](http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-ms-systems-analysis/))
- Biological and Agricultural Engineering (PhD) ([link](http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-phd/))
- Biological and Agricultural Engineering (PhD): Systems Analysis Concentration ([link](http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-phd-systems-analysis/))

#### Faculty

- Michael D. Boyette
- Michael R. Burchell II
- Jay Jiayang Cheng
- Mari S. Chinn
- Garey Alton Fox
- Scott A. Hale
- William F. Hunt III
- Lingjuan Wang Li
- Gary T. Roberson
- Sanjay Bikram Shah
- Mohamed A. Youssef
- Wenqiao Yuan
- Francois Philippe Birgand
- John J. Classen
- Barbara A. Doll
- Steven George Hall
- Praveen Kolar
- Celso Francisco Castro Bolinaga
- Grant H. Ellington
- Lucie S. G. Guertault
- Daniela Jones
- Suzanne McKay Leonard
- Chad Ashley Poole
- Natalie G. Nelson Sagues
- Chadi Sayde
- Mahmoud A. N. A. N. Sharara
- Jason Kellam Ward
- Sierra Young

#### Practice/Research/Teaching Professors

- Otto DeBruhl Simmons III
- George Maynard Chescheir III
- Robert O. Evans Jr.
- Garry L. Grabow
- Rodney L. Huffman
- Gregory Donald Jennings
- Richard W. Skaggs
- Jean Spooner
- Larry F. Stikeleather
- Daniel H. Willits
Adjunct Professors

Christopher R Daubert
Sheila Marie Saia
Ratna Rani Sharma