BIOMEDICAL ENGINEERING

College of Engineering

311. Introduction to Biomedical Engineering  
P: MTH 132, PHY 184. 

496. Biomedical Electronics  
P: MTH 235, PHY 184. 
Fall. Special topics in biomedical engineering or bioengineering such as biochemical design, occupational biomechanics, biological surface science, or low-temperature biotechnology.

BIOSYSTEMS ENGINEERING

Department of Agricultural Engineering  
College of Agriculture and Natural Resources

180. Current Issues in Biosystems  
P: MTH 110 or MTH 116. R: Open only to freshmen or sophomores. 
The relationship of biosystems engineering to current problems in food production and processing. Environ­ment, natural resources, harvesting, handling, safety, and water quality.

230. Principles of Biosystems Engineering  
P: MTH 132. R: Open only to sophomores or juniors in College of Agriculture and Natural Resources, College of Engineering, or College of Natural Science. 

486. Biosystems Design Fundamentals  
P: MTH 235; CHE 321 or CHE 311 or ME 350; BE 350 or BE 351; R: Open only to seniors in College of Engineering or graduate students. 
Concepts, methods, and procedures of the total design process from problem identification to final specifications.

487. Biosystems Design Project (W)  
P: BE 450, R: Open only to seniors in College of Engineering or graduate students. 
Supervised individual student research and study in biosystems engineering.

490. Independent Study  
P: MTH 235; R: Open only to seniors in College of Engineering or graduate students. 
Supervised individual student research and study in biosystems engineering.

491. Special Topics in Biosystems Engineering  
P: MTH 235; R: Open only to seniors in College of Engineering or graduate students. 
Supervised individual student research and study in biosystems engineering.