Bachelor of Science in Biosystems Engineering†

Department of Agricultural and Biosystems Engineering

Program Outcomes

A University of Arizona BS-Biosystems Engineering graduate, at the time of graduation:

• Can apply mathematics, science and engineering principles to solve problems
• Can design and conduct experiments and analyze and interpret data
• Can design a system, component or process to meet desired needs within realistic constraints
• Can function on multidisciplinary teams
• Can identify, formulate and solve engineering problems
• Has an understanding of professional and ethical responsibility
• Can communicate effectively
• Has the broad education necessary to understand the impact of engineering solutions in global, economic, environmental, and societal context
• Recognize the need for and the ability to engage in lifelong learning.
• Has a knowledge of relevant contemporary issues
• Can use the techniques, skills, and modern engineering tools necessary for engineering practices.