

ADVANCED SMARTAG SYSTEMS

About this Program

College: Herbert Wertheim College of Engineering

Credits: 15

Subplan Code: ENG_GCT31

SLO Dashboard (<https://public.tableau.com/app/profile/uf.oipr4918/viz/UFStudentLearningOutcomesCertificatesOnly/StudentLearningOutcomes/?publish=yes>)

Certificates must comply with the Graduate Certificate Policy

Required Courses

Required Courses

Code	Title	Credits
AOM 5435	Advanced Precision Agriculture	3
ABE 6031	Instrumentation in Agricultural Engineering Research	3
ABE 5009	Control Methods in SmartAg Systems	3
Select two of the following:		6
ABE 5038	Recent Developments and Applications in Biosensors	
ABE 5152	Fluid Power Circuits and Control	
ABE 6005	Applied Control for Automation and Robots	
ABE 6266	Nanotechnology in Water Research	
ABE 6035	Advanced Remote Sensing: Science and Sensors	
ABE 6645C	Computer Simulation of Crop Growth and Management Responses	
ABE 6933	Special Topics in Agricultural and Biological Engineering (Statistical Machine Learning)	
ABE 6933	Special Topics in Agricultural and Biological Engineering (Logistics of Agricultural Food Chains)	
GIS 6116	Geographic Information Systems Analysis	
Total Credits		15