Major in Agricultural Studies – B.S.A.

Emphasis in Agricultural Systems Technology

University Requirements:		
See University General Requirements for Baccalaureate degrees (p. 40)		❑
First Year Making Connections Course	**Sem. Hrs.**	
AGRI 1213, Making Connections in Agriculture	**3**	❑
General Education Requirements:	**Sem. Hrs.**	
See General Education Curriculum for Baccalaureate degrees (p. 83) **Students with this major must take the following:** MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite PHYS 2054, General Physics I BIOL 1003 **AND** BIOL 1001, Biological Science and Laboratory COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)	**35**	❑
Agriculture Core Courses:	**Sem. Hrs.**	
(See Beginning of Agriculture Section)	**18**	❑
Major Requirements:	**Sem. Hrs.**	
See emphasis area below.		❑
Emphasis Area (Agricultural Systems Technology):	**Sem. Hrs**	
AGEC 3003, Agricultural Marketing **OR** AGEC 3013, Agricultural Records **OR** AGEC 3063, Agricultural Sales and Service	3	❑
AGED 3433, Agricultural Equipment Hydraulic Systems	3	❑
AGRI 4223, Agriculture and the Environment	3	❑
AGST 1003, Modern Agricultural Systems	3	❑
AGST 2003, Intro to Ag Systems Technology **OR** TECH 2863, Principles of Technology	3	❑
AGST 3503, Agricultural Spatial Technologies I	3	❑
AGST 3513, Agricultural Spatial Technologies II	3	❑

Course	Hours	
AGST 3543, Fundamentals of GIS/GPS	3	❏
AGST 4003, Modern Irrigation Systems	3	❏
AGST 4013, Precision Application Technology	3	❏
AGST 4543, Advanced GIS for Agriculture and Natural Resources	3	❏
AGST 4773, Remote Sensing	3	❏
CHEM 1043, Fundamental Concepts of Chemistry	3	❏
MATH 1033, Plane Trigonometry	3	❏
PHYS 2064, General Physics II	4	❏
PSSC 3323, Weeds and Weed Control **OR** PSSC 4713, Soil Quality Assessment and Interpretation **OR** PSSC 4853, Soil and Water Conservation	3	❏
TECH 3803, Electrical Systems	3	❏
TECH 3863, Industrial Safety	3	❏
TECH 4813, Operations Systems Research	3	❏
Upper-level electives in AGST, AGRI, PSSC	6	❏
Sub-total	**64**	❏
Total Required Hours:	**120**	