

DEPARTMENT OF AGRICULTURAL EDUCATION, COMMUNICATIONS AND TECHNOLOGY
Major in Agricultural Education, Communication and Technology
Check Sheet for Agricultural Systems Technology Management (ASTM) Concentration
2018-2019

Name _____ ID# _____ Advisor _____

University Requirements 1 hr

____ UNIV 1001 University Perspectives **

Communications 9 hrs

____ ENGL 1013 English Composition I (unless exempt)
 ____ ENGL 1023 English Composition II (unless exempt)
 ____ AGED 3143 Communicating Agriculture to the Public

US History or Government 3 hrs

____ HIST 2003 or HIST 2013 or PLSC 2003

Mathematics 3 hrs

____ MATH 1203 College Algebra or higher (excluding MATH 1313)

Physical and Biological Sciences 15 hrs

____ BIOL 1543 Principles of Biology
 ____ BIOL 1541L Principles of Biology Lab
 ____ CHEM 1073 Fundamentals of Chemistry
 ____ CHEM 1071L Fundamentals of Chemistry Lab
 ____ BIOL 2013 General Microbiology **AND**
 ____ BIOL 2011L General Microbiology Lab
OR
 ____ PHYS 1044 Physics for Arch I w/lab component
 ____ Science **OR** Math Elective (3 hours)

Fine Arts/Humanities 6 hrs

____ Fine Arts Core (3 hours)
 ____ Humanities Core (3 hours)

Social Sciences 9 hrs

____ AGEC 1103 Principles Agri Microeconomics **OR**
 ____ AGEC 2103 Principles Agri Macroeconomics
 ____ PSYC 2003 General Psychology
 ____ Social Science Core Elective (3 hours)

AECTBS Major Core 23 hrs

____ AGED 4003 Issues in Agriculture
 ____ AGME 1613 Fundamental of Agri Systems Tech
 ____ AGME 1611L Fundamental of Agri Systems Tech Lab
 ____ AGME 2903 AHES Applications of Microcomputers
 ____ ANSC 1032 Introduction to Animal Science
 ____ ANSC 1051 Introduction to Livestock Industry
 ____ CSES 1203 Introduction to Plant Sciences
 ____ CSES 2013 Pest Management
 ____ CSES 2203 Soil Science
 ____ CSES 2201L Soil Science Lab **OR**
 ____ CSES 355V Soil Profile Desc (1 hour)

ASTM Concentration Requirements (33 hrs)

____ AGEC 2303 Introduction to Agribusiness
 ____ AGEC 3303 Food & Ag Marketing
 ____ AGEC 3403 Farm Business Management
 ____ AGED 3153 Leadership Dev in Agriculture
 ____ AGME 3102 Small Power Units/Turf Equipment
 ____ AGME 3101L Small Power Units/Turf Equipment Lab
 ____ AGME 3173 Electricity in Agriculture w/ lab
 ____ EXED 475V Internship in Extension (3 hours)
 ____ Science **OR** Math Elective (3-4 hours)

Select 8-9 hours from the following:

____ AGME 2123 Metals & Welding w/ lab
 ____ AGME 3153 Surveying Agri & Forestry
 ____ AGME 4203 Mechanized Systems Mgmt w/ lab
 ____ AGME 402V Special Topics Agri Mech
 ____ AGME 4973 Irrigation w/ lab
 ____ ENSC 3603 GIS for Environmental Science
 ____ GEOS 3543 Geospatial App & Info Science
 ____ GEOS 4523 Cartographic Design & Production
 ____ GEOS 4593 Intro to Global Positioning Systems
 & Global Navigation Satellite Systems

General Electives (9-10 hrs)

OTHER REQUIREMENTS FOR A B.S.A. DEGREE

120 Total Hours of which:
 36 hours must be 3000/4000 level courses
 9 hours must be in Bumpers College but outside of departmental major
 Minimum GPA of 2.0

** UNIV 1001 is required for new freshmen