

**DEPARTMENT OF AGRICULTURAL EDUCATION, COMMUNICATIONS AND TECHNOLOGY**  
**Major in Agricultural Education, Communication and Technology**  
**Check Sheet for Agricultural Systems Technology Management (ASTM) Concentration**  
**2019-2020**

Name \_\_\_\_\_ ID# \_\_\_\_\_ Advisor \_\_\_\_\_

**University Requirements** 1 hr  
 \_\_\_\_\_ UNIV 1001 University Perspectives \*\*

**Communications** 6 hrs  
 \_\_\_\_\_ ENGL 1013 English Composition I  
 \_\_\_\_\_ ENGL 1023 English Composition II

**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** 11 hrs  
 \_\_\_\_\_ BIOL 1543 Principles of Biology  
 \_\_\_\_\_ BIOL 1541L Principles of Biology Lab  
 \_\_\_\_\_ CHEM 1073 Fundamentals of Chemistry  
 \_\_\_\_\_ CHEM 1071L Fundamentals of Chemistry Lab  
 \_\_\_\_\_ Science **OR** Math Elective (3 hrs)

**Fine Arts/Humanities** 6 hrs  
 \_\_\_\_\_ Fine Arts Core (3hrs)  
 \_\_\_\_\_ Humanities Core (3hrs)

**Social Sciences** 9 hrs  
 \_\_\_\_\_ AGEC 1103 Principles Agri Microeconomics **OR**  
 \_\_\_\_\_ AGEC 2103 Principles Agri Macroeconomics  
 \_\_\_\_\_ PSYC 2003 General Psychology  
 \_\_\_\_\_ Social Science Core Elective (3 hrs)

**AECTBS Major Core** 21 hrs  
 \_\_\_\_\_ AGME 1613 Fundamental of Agri Systems Tech  
 \_\_\_\_\_ AGME 2903 AHES Applications of Microcomputers  
 \_\_\_\_\_ AGED 3133 Instructional and Presentation Strategies  
 \_\_\_\_\_ AGED 3143 Communicating Agriculture to the Public  
 \_\_\_\_\_ AGED 3153 Leadership Development in Agriculture **OR**  
 \_\_\_\_\_ AGED 3153H Honors Leadership Development  
 \_\_\_\_\_ AGED 4003 Issues in Agriculture  
 \_\_\_\_\_ AGED 475V Internship in Extension (3hrs)

Choose 9 hours from the following 9 hrs  
 \_\_\_\_\_ ANSC 1032 Introductory Animal Sciences **AND**  
 \_\_\_\_\_ ANSC 1051 Introduction to the Livestock Industry **OR**  
 \_\_\_\_\_ ANSC 2213 Behavior of Domestic Animals  
 \_\_\_\_\_ ENSC 1003 Environmental Science  
 \_\_\_\_\_ ENTO 1023 Insects, Science and Society  
 \_\_\_\_\_ HORT 2003 Principles of Horticulture  
 \_\_\_\_\_ POSC 2343 Poultry Production  
 \_\_\_\_\_ FDSC 2603 Science in the Kitchen  
 \_\_\_\_\_ PLPA 3004 Principles of Plant Pathology

**ASTM Concentration Requirements** (21 hrs)  
 \_\_\_\_\_ AGME 3102 Small Power Units/Turf Equipment  
 \_\_\_\_\_ AGME 3101L Small Power Units/Turf Equipment Lab  
 \_\_\_\_\_ AGME 3173 Electricity in Agriculture w/ lab  
 \_\_\_\_\_ AGME 4203 Mechanized Systems Mgmt w/ lab  
 \_\_\_\_\_ AGECE 2303 Introduction to Agribusiness  
 \_\_\_\_\_ AGECE 3303 Food & Ag Marketing  
 \_\_\_\_\_ AGECE 4303 Agribusiness Marketing Management

*Choose 3 credits from the following:*

\_\_\_\_\_ AGME 1611L Fundamentals of Agri Systems Tech Lab  
 \_\_\_\_\_ AGME 2123 Metals & Welding w/ lab  
 \_\_\_\_\_ AGME 3153 Surveying Agri & Forestry  
 \_\_\_\_\_ AGME 402V(3) Special Topics Agri Mech  
 \_\_\_\_\_ AGME 4973 Irrigation w/ lab  
 \_\_\_\_\_ ENSC 3603 GIS for Environmental Science  
 \_\_\_\_\_ GEOS 3543 Geospatial App & Info Science  
 \_\_\_\_\_ GEOS 4593 Intro to Global Positioning Systems  
 & Global Navigation Satellite Systems

**General Electives** (30 hrs)

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**OTHER REQUIREMENTS FOR A B.S.A. DEGREE**

120 total hours  
 40 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