

DEPARTMENT OF AGRICULTURAL EDUCATION, COMMUNICATIONS AND TECHNOLOGY

Major in Agricultural Education, Communication and Technology

Check Sheet for Agricultural Systems Technology Management (ASTM) Concentration

2022-2023

University Requirements: 1 hour¹

- UNIV 1001 University Perspectives

Communications: 6 hours

- ENGL 1013 Composition I
- ENGL 1023 Composition II

US History or Government: 3 hours

- HIST 2003 or HIST 2013 or PLSC 2003

Mathematics: 3 hours

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

Physical and Biological Sciences: 11 hours

- BIOL 1543 Principles of Biology
- BIOL 1541L Principles of Biology Lab
- CHEM 1073 Fundamentals of Chemistry
- CHEM 1071L Fundamentals of Chemistry Lab

Choose 3 hours from Science or Math:²

Check for completion	Course I. D.:	Course Name:
<input type="checkbox"/>		

Fine Arts/Humanities: 6 hours²

Choose 3 hours from Fine Arts and 3 hours from Humanities:

Check for completion	Course I. D.:	Course Name:
<input type="checkbox"/>		
<input type="checkbox"/>		

Social Sciences: 9 hours

- AGECE 1103 Principles Agri Microeconomics OR
 - AGECE 2103 Principles Agri Macroeconomics
- PSYC 2003 General Psychology

Choose 3 hours from Social Science Core:

Check for completion	Course I. D.:	Course Name:
<input type="checkbox"/>		

AECTBS Major Core: 30 hours

- ASTM 1613 Fundamental of Agri Systems Tech
- ASTM 2903 AHES Applications of Microcomputers
- AGED 3133 Instructional and Presentation Strategies
- ACOM 3143 Communicating Agriculture to the Public OR
 - ACOM 3143H Honors Communicating Ag to the Public
- AGL 3153 Leadership Development in Agriculture OR
 - AGLE 3153H Honors Leadership Dev in Agriculture
- AGED 4003 Issues in Agriculture
- ACOM 475V Internship in Ag Systems (3 hours)

Choose 9 hours from the following:

- ANSC 1033 Introductory Animal Sciences
- ENSC 1003 Environmental Science
- ENTO 1023 Insects, Science and Society
- HORT 2003 Principles of Horticulture
- POSC 2343 Poultry Production
- FDSC 2603 The Science of Cooking
- PLPA 3003 Principles of Plant Pathology

ASTM Concentration Requirements: 24 hours

- ASTM 3102 Small Power Units/Turf Equipment
- ASTM 3101L Small Power Units/Turf Equipment Lab
- ASTM 3173 Electricity in Agriculture
- ASTM 4203 Mechanized Systems Mgmt
- AGECE 2303 Introduction to Agribusiness
- AGECE 3303 Food & Ag Marketing
- AGECE 4303 Agribusiness Marketing Management

Choose 3 credits from the following:

- ASTM 1611L Fundamentals of Agri Systems Tech Lab
- ASTM 2123 Metals & Welding
- ASTM 3153 Surveying Agri & Forestry
- ASTM 402V(3) Special Topics Agri Mech
- ASTM 4973 Irrigation
- 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: 27 hours

Check for completion	Course I. D.:	Course Name:
<input type="checkbox"/>		

OTHER REQUIREMENTS FOR A B.S.A. DEGREE

120 Total Hours of which:
 9 hours outside AECT department but within Bumpers College
 40 hours must be 3000/4000 level courses
 Minimum GPA of 2.0

¹ UNIV 1001 is required for new freshmen or transfer with less than 24 hours
² See student degree audit for approved course list