

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:
☐		

Fine Arts/Humanities: 6 hours²

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

Check for completion	Course I. D.:	Course Name:
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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:
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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
☐ AGLE 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:
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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