

DEPARTMENT OF AGRICULTURAL EDUCATION, COMMUNICATIONS AND TECHNOLOGY

Major in Agricultural Education, Communication and Technology

Check Sheet for Agricultural Systems Technology Management (ASTM) Concentration

2025-2026

Name:

I.D. Number:

Advisor:

University Requirements: 1 hour¹

- ☐ UNIV 10051 University Perspectives

Communications: 6 hours

- ☐ ENGL 10103 Composition I
☐ ENGL 10203 Composition II

US History or Government: 3 hours

- ☐ HIST 20003 **or** HIST 20103 **or** PLSC 20003

Mathematics: 3 hours

- ☐ MATH 11003 College Algebra or higher (excluding MATH 11103)

Physical and Biological Sciences: 11 hours

- ☐ BIOL 10103 Principles of Biology **AND**
☐ BIOL 10101 Principles of Biology Lab
☐ CHEM 12103 Fundamentals of Chemistry **AND**
☐ CHEM 12101 Fundamentals of Chemistry Lab

Choose 3 hours from Science or Math:²

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

Fine Arts/Humanities: 6 hours

Choose 3 hours from Fine Arts and 3 hours from Humanities:²

Check for completion	Course I. D.:	Course Name:
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Social Sciences: 9 hours

- ☐ AGEC 11003 Principles Agri Microeconomics **OR**
☐ AGEC 21003 Principles Agri Macroeconomics
☐ PSYC 20003 General Psychology

Choose 3 hours from Social Science Core:²

Check for completion	Course I. D.:	Course Name:
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AECTBS Major Core: 30 hours

- ☐ ASTM 16103 Fundamental of Agri Systems Tech
☐ ASTM 29003 AHES Applications of Microcomputers
☐ AGED 31303 Instructional and Presentation Strategies
☐ ACOM 31403 Communicating Agriculture to the Public **OR**
ACOM 314H3 Honors Communicating Ag to the Public
☐ AGLE 31503 Leadership Development in Agriculture **OR**
AGLE 315H3 Honors Leadership Dev in Agriculture
☐ AGED 41203 Issues in Agriculture
☐ ASTM 4750V Internship in Ag Systems (3 hours)

Choose 9 hours from the following:

- ☐ ANSC 10303 Introductory Animal Sciences
☐ ENSC 10003 Environmental Science
☐ ENTO 10203 Insects, Science and Society
☐ HORT 20003 Principles of Horticulture
☐ POSC 23403 Poultry Production
☐ FDSC 26003 The Science of Cooking
☐ PLPA 30003 Principles of Plant Pathology

ASTM Concentration Requirements: 21 hours

- ☐ ASTM 31002 Small Power Units/Turf Equipment
☐ ASTM 31001 Small Power Units/Turf Equipment Lab
☐ ASTM 31703 Electricity in Agriculture
☐ ASTM 42003 Mechanized Systems Management
☐ AGEC 23003 Introduction to Agribusiness
☐ AGEC 33003 Food & Ag Marketing
☐ AGEC 43003 Agribusiness Marketing Management

Choose 3 credits from the following:

- ☐ ASTM 16101 Fundamentals of Agri Systems Tech Lab
☐ ASTM 21203 Metals and Welding
☐ ASTM 31503 Surveying Agriculture and Forestry
☐ ASTM 4020V Special Topics Agri Mechanization (3 hours)
☐ ASTM 49703 Irrigation
☐ ENSC 36003 GIS for Environmental Science
☐ GEOS 35403 Geospatial Applications and Information Science
☐ GEOS 45903 Intro to Global Positioning Systems and Global Navigation Satellite Systems

General Electives: 30 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 30000/40000 level courses

Minimum GPA of 2.0

¹ UNIV 10051 is required for new freshmen or transfer with less than 24 hours

² See student degree audit for approved course list