

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: _____
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: _____

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

SECTION VI: Justification

Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)

SECTION VII: Catalog Text and Format

In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.

Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

For minors, state requirements in terms of hours, required courses, electives, etc.

For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.

For Law School program/units, prepare text consistent with current catalog style.

For centers, prepare text consistent with current catalog style.

DEPARTMENTAL
MAJORS
AGRICULTURAL EDUCATION, COMMUNICATION, AND TECHNOLOGY (AECT)

George W. Wardlow
Head of the Department
205 Agriculture Building
479-575-2035
<http://aeed.uark.edu/>

FACULTY
• Professors Graham, Johnson, Miller, Wardlow
• Associate Professor Edgar (L.)
• Assistant Professors Edgar (D.), Shoulders
• Instructor Cox

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• Adjunct Associate Professor Poling, Ballard
Agricultural Education, Communication, and Technology
(AECT)

The department of agricultural education, communication, and technology offers a degree program in agricultural education, communication and technology. Students with this major are in constant demand due to the rapidly changing educational needs of the agricultural and natural resources industries. Graduates with this degree have a broad knowledge of agricultural disciplines. They are prepared as agricultural technology transfer specialists to enter a variety of careers in formal and non-formal teaching roles in either the public or private sector as agricultural educators, Extension agents, industry-based trainers, information specialists, or technology-management specialists. Students in agricultural education, communication and technology may choose one of three areas of concentration listed below, or, with adviser's approval, select courses from more than one concentration area.

Agricultural Education Concentration (AGED)

This area of concentration is designed for students who wish to receive initial teacher licensure to teach agricultural science in public schools.

Agricultural Systems Technology Management Concentration (ASTM)

Students planning a professional career related to technical operations and management in agricultural industry should enroll in this concentration. Graduates assume positions of leadership and responsibility in such areas as agricultural services and sales, agricultural management, agricultural production systems, product service, product testing, and service management. The program focuses on preparing students as problem solvers in the application, management and/or marketing of agricultural technology.

Agricultural Communications Concentration (ACOM)

This concentration is designed to produce graduates with both technical knowledge about the food and fiber industry and the communication skills needed to convey

in an effective manner the story of agriculture to consumers, policy makers, and the public at large. Interpersonal and group communication, public relations, graphic art, video and television production, electronic communication, distance learning, video conferencing, and writing for the media are emphasized in this program.

Requirements for a Major in Agricultural Education,

Communication and Technology (AECT)

State minimum core and discipline specific general education requirements:

(Course work that meets state minimum core requirements is in bold.)

Communications (3-9 hours)

___ Choose from English Core courses (6 hours)

___ AGED 3143 Agricultural Communications

U.S. History or Government (3 hours)

___ Choose from U.S. History or Government Core courses

Mathematics (3 hours)

___ MATH 1203 College Algebra or MATH 1313 Quantitative Reasoning or higher level

Sciences (15 hours)

___ BIOL 1543/1541L Principles of Biology with lab

___ BIOL 2013/2011L General Microbiology and lab or PHYS 1044 Physics

for Architects I with lab component or higher level

___ CHEM 1073/1071L Fundamentals of Chemistry and lab

___ Science Elective (3 hours) for AGED Concentration

___ Science or Math Elective (3 hours) for ASTM and ACOM Concentrations

Fine Arts/Humanities (6 hours)

___ Choose from Fine Arts, Humanities Core courses (6 hours) for ASTM and ACOM concentrations

___ For AGED concentration, select FNAR Core (3 hours from category a)

and

___ WLIT 1113 World Literature I or WLIT 1123 World Literature II

Social Sciences (9 hours)

___ Choose Social Science Core courses (3 hours)

___ AGECE 1103 Principles of Microeconomics or

AGECE 2103 Principles of Agri Macroeconomics

___ PSYC 2003 General Psychology

AECT Requirements (25 hours)

___ AFLS 1011 Freshman Orientation

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- ___ AGED 1001 Orientation to Agri-Extension Education
- ___ AGED 4003 Issues in Agriculture
- ___ AGME 1613/1611L Fundamentals of Agricultural Systems Technology and lab
- ___ AGME 2903 Applied 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(1) Soil Profile

Description

Additional Requirements for AGED Concentration

For Teacher Certification (41-42 hours):

Mechanical Technology Courses (Choose 8 hours)

- ___ AGME 2123 Metals and Welding with lab component
- ___ AGME 3042 Ag Construction Technology
- ___ AGME 3102/3101L Small Power Units/Turf Equipment and lab
- ___ AGME 3153 Surveying Agri and Forestry
- ___ AGME 3173 Electricity in Agriculture with lab component
- ___ AGME 4203 Mechanized Systems Management with lab component

component

- ___ AGME 4973 Irrigation with lab component

Education Courses (21 hours)

- ___ AGED 1031 Early Field Experience
- ___ AGED 1123 Foundations of Agricultural Education
- ___ AGED 3133 Methods in Agri Education with lab component
- ___ AGED 4233 Program Development
- ___ AGED 4632 Teaching Diverse Populations
- ___ AGED 4843 Methods in Ag Labs
- ___ CIED 3023 Survey of Exceptionalities or

CIED 4023 Teaching in Inclusive Secondary Settings

- ___ CIED 3033 Classroom Learning Theory

Other requirements for AGED Concentration (12-13 hours)

- ___ AGED 475V Internship (6 hours) (Criminal background check is required prior to student internship)

- ___ HORT Elective (3 hours)

- ___ Science Elective (3-4 hours) – CHEM 2613/2611L required for

Science Teacher Licensure

Electives (9-16 hours)

120 Total Hours

Additional Requirements for ACOM Concentration (39 hours)

- ___ AGED 2143 Introduction to Agricultural Communications
- ___ COMM 1313 Public Speaking

- ___ AGED 3153 Leadership Development in Ag

- ___ AGED 3243 Ag Reporting and Feature Writing

- ___ AGED 3943 Professional Development in Agricultural Communications

- ___ AGED 4143 Electronic Communications in Agriculture

- ___ AGED 4243 Graphic Design in AFLS

- ___ AGED 4343 Communication Campaigns in Agriculture

- ___ AGED 4543 Ag Publications

- ___ EXED 475V Internship in Extension (3 hours)

- ___ JOUR 1033 Fundamentals of Journalism with lab component

Choose 6 hours from:

- ___ AGECE 3313 AgBusiness Sales Management

- ___ AGED 3133 Methods in Agri Educ

- ___ AGED 4443 Principles of Technological Change

- ___ COMM 2303 Advanced Public Speaking

- ___ COMM 3303 Intro to Small Group Communication

- ___ COMM 3703 Organizational Communication

- ___ JOUR 2013 News Reporting I

- ___ JOUR 2032/2031L Broadcast News Reporting I and lab
- ___ JOUR 2332/2331L Photo Journalism I and lab
- ___ JOUR 3023 News Reporting II with lab component
- ___ JOUR 3072/3071L Broadcast News Reporting II and lab
- ___ JOUR 3743 Public Relations Principles

Electives (9-15 hours)

120 Total Hours

Additional Requirements for ASTM Concentration (33 hours)

- ___ AGEC 2303 Intro to Agribusiness
- ___ AGEC 3303 Food and Agricultural Marketing
- ___ AGEC 3403 Farm Business Management
- ___ AGED 3153 Leadership Development in Agriculture
- ___ AGME 3102/3101L Small Power Unit/Turf Equipment and lab
- ___ AGME 3173 Electricity in Agriculture with lab component
- ___ EXED 475V Internship in Extension (3 hours)
- ___ Science or Math Elective (3-4 hours)

Choose 8-9 hours from:

- ___ AGME 2123 Metals and Welding with lab component
- ___ AGME 3153 Surveying Agriculture and Forestry
- ___ AGME 4203 Mechanized Systems Management with lab component
- ___ AGME 4973 Irrigation with lab component
- ___ ENSC 3603 GIS for Environmental Science
- ___ GEOS 3543 Geographic Info Science
- ___ GEOS 4523 Computer Mapping
- ___ GEOG 4593 Intro to GPS

Electives (18-24 hours)

120 Total Hours

Agricultural Education, Communication and Technology B.S.A.

Nine-Semester Degree Program

Students wishing to follow the degree plan in Agricultural Education, Communication and Technology should see page 41 in the Academic Regulations chapter for

university requirements of the program. The Agricultural Education, Communication and Technology major has three concentrations: Agricultural Education, Agricultural Systems Technology Management, and Agricultural Communications.

Fall Semester Year 1

- 1 AFLS 1011 Freshman Orientation
- 3 AGED 1123 Foundation of Agricultural Education (AGED)
- 4 AGME 1613/1611L Fundamentals of Agricultural Systems Technology and lab
- 3 AGME 2903 Applications of Microcomputers (ACOM & ASTM concentrations)
- 2 ANSC 1032 Introductory Animal Sciences
- 1 ANSC 1051 Introduction to the Livestock Industry
- 3 University Core ENGL 1013 Composition I unless exempt

14-17 Semester hours

Spring Semester Year 1

- 4 BIOL 1543/1541L Principles of Biology and lab
- 3 CSES 1203 Introduction to Plant Sciences
- 3 University Core ENGL 1023 Composition II unless exempt
- 3 University Core MATH 1203 College Algebra or higher math
- 3 PSYC 2003 General Psychology

16 Semester hours

Fall Semester Year 2

- 3 AGEC 1103 Principles of Ag Microeconomics or AGEC 2103 Principles of Ag Macroeconomics
- 3 COMM 1313 Public Speaking (ACOM) or 3hr Elective (AGED/ASTM)
- 4 CHEM 1073/1071L Fundamentals of Chemistry and lab
- 3 General Elective (ACOM and ASTM concentrations)
- 3-6 Concentration Related Elective (AGED 6 hours and ASTM 3 hours concentrations)
- 3 AGME 3943 Professional Development and Agricultural Communications

(ACOM concentration)

16 Semester hours

Spring Semester Year 2

- 3 AGED 2143 Introduction to Agricultural Communications (ACOM concentration)
- 3 CSES 2013 Pest Management
- 3 History University Core Elective

3 AGME 2903 Applications of Microcomputers (AGED concentration)
 6-12 Concentration Electives (AGED/ASTM)
 3-9 Concentration Electives (ACOM)
 15-18 Semester hours
 Fall Semester Year 3
 3 AGED 3143 Ag Communications
 4 BIOL 2013/2011L General Microbiology and lab or PHYS 1044 Physic for
 Architects I with lab component
 3 CSES 2203 Soil Science
 1 CSES 2201L Soil Science Lab or CSES 355V Soil Profile Description
 3 Fine Arts/Humanities University Core Elective (FNAR for AGED concentration)
 3 Concentration Elective
 17 Semester hours
 Spring Semester Year 3
 3 AGED 3153 Leadership Development in Agriculture (ACOM and ASTM
 concentration)
 3 Social Science University Core Elective
 3 Science or Math Electives (ASTM concentration)
 3-4 Science Elective (AGED concentration)
 3 BIOL 2103/2011L General Microbiology and lab or PHYS 104 Physics for
 Architects I with lab component or higher (ACOM concentration)
 3 Fine Arts/Humanities Core (WLIT 1113 for AGED concentration)
 3-5 Concentration Electives
 15-17 Semester hours
 Summer Semester Year 3
 3 EXED 475V Internship in Extension (ACOM and ASTM concentrations) or
 2 AGED 475V Internship in Agri Educ (AGED concentration for Teacher Licensure)
 2-3 Semester hours
 Fall Semester Year 4
 3 AGED 4003 Issues in Agriculture
 9-12 Concentration Electives
 12-15 Semester hours (15 semester hours for AGED concentration)
 Spring Semester Year 4
 8-14 Concentration Electives
 4 AGED 475V Internship in Agri Educ (AGED concentration for teacher licensure)
 12-14 Semester hours
 120 Total Hours

SECTION VIII: Action Recorded by Registrar's Office

PROGRAM INVENTORY/DARS

PGRM _____ SUBJ _____ CIP _____ CRTS _____
 DGRE _____ PGCT _____ OFFC&CRTY VALID _____

REPORTING CODES

PROG. DEF. _____ REQ. DEF. _____
 Initials _____ Date _____

Distribution

Notification to:
 (1) College (2) Department (3) Admissions (4) Institutional Research (5) Continuing Education (6) Graduate School
 (7) Treasurer (8) Undergraduate Program Committee

