

Date Submitted: 11/21/24 1:06 pm

Viewing: **AECTBS : Agricultural Education, Communication & Technology, Bachelor of Science in Agri Food & Life Sciences**

Last approved: 09/27/24 3:39 pm

Last edit: 12/17/24 4:21 pm

Changes proposed by: watkinsv

Catalog Pages Using this Program

[Agricultural Education, Communications and Technology.\(AECT\)](#)

Submitter: 575-2121 User ID: [watkinsv](#) gdaughter Phone:

Program Status: Active

Academic Level: Undergraduate

Type of proposal: Major/Field of Study

Select a reason for this modification
Revising an Approved Licensure Program--(Cover Sheet, Section C)

Are you adding a concentration?
No

Are you adding or modifying a track?
No

Are you adding or modifying a focused study?
No

Effective Catalog Year: Fall 2025

College/School Code
Bumpers College of Agricultural, Food, and Life Sciences (AFLS)

Department Code
Department of Agricultural Education, Communication and Technology (AECT)

In Workflow

1. AFLS Dean Initial
2. Director of Curriculum Review and Program Assessment
3. Registrar Initial
4. Institutional Research
5. AECT Chair
6. AECT Curriculum Committee
7. AFLS Faculty
8. ARSC Dean
9. AFLS Dean
10. Global Campus
11. Provost Review
12. Undergraduate Council
13. Faculty Senate
14. Provost Final
15. Provost's Office-- Documentation sent to System Office
16. Higher Learning Commission
17. Board of Trustees
18. ADHE Final
19. Division of Elementary and Secondary Education
20. Provost's Office-- Notification of Approval
21. Registrar Final
22. Catalog Editor Final

Program Code	AECTBS
Degree	Bachelor of Science in Agricultural, Food & Life Sciences
CIP Code	

Approval Path

1. 11/21/24 1:24 pm
Lona Robertson
(ljrobert): Approved
for AFLS Dean Initial
2. 11/22/24 2:07 pm
Lisa Kulczak
(lkulcza): Approved
for Director of
Curriculum Review
and Program
Assessment
3. 12/02/24 10:51 am
Gina Daugherty
(gdaugher):
Approved for
Registrar Initial
4. 12/02/24 12:00 pm
Doug Miles
(dmiles): Approved
for Institutional
Research
5. 12/02/24 12:04 pm
George Wardlow
(wardlow):
Approved for AECT
Chair
6. 12/10/24 1:33 pm
Nathan Kemper
(nkemper):
Approved for AECT
Curriculum
Committee
7. 12/10/24 2:08 pm
Casey Owens
Hanning
(cmowens):
Approved for AFLS
Faculty
8. 12/10/24 2:26 pm
Christopher Schulte

(cshulte):

Approved for ARSC
Dean

9. 12/10/24 2:49 pm

Lona Robertson

(ljrobert): Approved
for AFLS Dean

10. 12/10/24 3:00 pm

Suzanne Kenner

(skenner): Approved
for Global Campus

11. 12/12/24 9:06 am

Jim Gigantino

(jgiganti): Approved
for Provost Review

History

1. Mar 25, 2015 by
Charlie Alison
(calison)
2. May 5, 2017 by
Dana Harris
(dharris)
3. Jun 1, 2017 by
Charlie Alison
(calison)
4. May 20, 2019 by
Jefferson Miller
(jdmiller)
5. Dec 3, 2019 by
Charlie Alison
(calison)
6. May 15, 2020 by
Gina Daugherty
(gdaugher)
7. Dec 19, 2023 by
Gina Daugherty
(gdaugher)
8. Feb 21, 2024 by
Gina Daugherty
(gdaugher)

9. Sep 27, 2024 by
Amanda Corbell
(ac087)

01.0801 - Agricultural and Extension Education Services.

Program Title

Agricultural Education, Communication & Technology, Bachelor of Science in Agri Food & Life Sciences

Program Delivery

Method

On Campus

Is this program interdisciplinary between two or more colleges or schools?

No

Do the proposed changes impact any specific course(s) from another college or school?

Yes

College(s)/School(s)

College/School Name
Fulbright College of Arts and Sciences (ARSC)

What are the total
hours needed to
complete the
program? 120

Program Requirements and Description

Requirements

Requirements for a Major in Agricultural Education, Communication and Technology (AECT)

The [state minimum core](#) and discipline specific [general education](#) requirements:
(Course work that meets state minimum core requirements is in bold.)

University Perspectives	1
UNIV 10051 University Perspectives	
Communications	6
Select English University Core Courses	
U.S. History or Government	3

Select U.S. History or Government University Core Courses

Mathematics	3
<u>MATH 11003</u>	College Algebra (ACTS Equivalency = MATH 1103) (or higher excluding MATH 11103)
Physical & Biological Science	11
<u>BIOL 10103</u> & <u>BIOL 10101</u>	Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)
<u>CHEM 12103</u> & <u>CHEM 12101</u>	Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) and Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab)
Science or Math Elective (3 hours)	
Fine Arts/Humanities	6
Choose from 3 hours Fine Arts and 3 hours Humanities from University Core	
Social Science	9
<u>AGEC 11003</u>	Principles of Agricultural Microeconomics
or <u>AGEC 21003</u>	Principles of Agricultural Macroeconomics
<u>PSYC 20003</u>	General Psychology (ACTS Equivalency = PSYC 1103)
Choose 3 hours Social Science from University Core	
AECTBS Requirements	30
<u>ASTM 16103</u>	Fundamentals of Agricultural Systems Technology
<u>ASTM 29003</u>	Agricultural and Human Environmental Sciences Applications of Microcomputers
<u>AGED 31303</u>	Instructional and Presentation Strategies
<u>ACOM 31403</u> or <u>ACOM 314H3</u>	Communicating Agriculture to the Public Honors Communicating Agriculture to the Public
<u>AGLE 31503</u> or <u>AGLE 315H3</u>	Leadership Development in Agriculture Honors Leadership Development in Agriculture
<u>AGED 41203</u>	Issues in Agriculture
Choose 3 hours from the following:**	
<u>AGED 4750V</u>	Internship in Agricultural Education (3 hours)

or [ACOM 4750V](#) Internship in Ag Communications

or [AGLE 4750V](#) Internship in Ag Leadership

or [ASTM 4750V](#) Internship in Ag Systems

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

**~~21-24 hours from concentration requirements (AGED, ACOM, ASTM, AGLE)~~ ~~21-~~
~~24~~**

**Hours from concentration requirements (AGED, ACOM, ASTM, AGLE) 21-
30**

**Electives 21-
30**

Total Hours 120

**Internship choice should coincide with concentration declared

8-Semester Plan

Are Similar Programs available in the area?

No

Estimated Student Demand for Program Within the first five years, the concentration should have approximately 30 – 35 students.

Scheduled Program 2025-2026

Review Date

Program Goals and Objectives

Program Goals and Objectives

Develop career ready students with strong communication skills and problem solving abilities.

Stimulate intellectual capacity in students for integrating multi-disciplinary knowledge, technology and values.

Enhance the leadership skills of future professionals in agriculture, food and natural resource careers.

Produce graduates with broad technical skills in agricultural science and technology.

Learning Outcomes

Learning Outcomes

Students should be able to make clear, concise, and convincing presentations, both orally and in writing.

Students should be able to define a problem, examine alternative solutions, and select the best solution for solving the problem.

Students should be able to identify the major issues facing agriculture at the local, state, national and international levels from a multi-disciplinary perspective.

Students should demonstrate sound technical knowledge in a broad range of agriculturally related subjects.

Students should be able to integrate multidisciplinary knowledge to solve problems in agriculture.

Students should demonstrate knowledge of effective leadership styles and characteristics of effective leaders.

Description and justification of the request

Description of specific change	Justification for this change
<p>Changing range of required concentration hours from 21-24 to 21-30. Changing range of elective hours from 27-30 to 21-30.</p>	<p>Education programs at the University of Arkansas Fayetteville are revising programs to meet the requirements for the yearlong residency required by the Arkansas Department of Elementary and Secondary Education. Proposed changes are to adjust AECTBS program core due to the AECTBS-AGED program change proposal.</p>

Upload attachments

Reviewer Comments

Lisa Kulczak (lkulcza) (11/22/24 1:02 pm): Updated submitter information and tweaked verbiage regarding hours from concentration requirements (per conversation with dean's office).

Lisa Kulczak (lkulcza) (11/22/24 2:06 pm): This proposal goes along with the changes submitted for the AGED concentration, although we do not need to route it through the same approval steps, since only the AGED concentration is a licensure program.

Lisa Kulczak (lkulcza) (12/17/24 4:21 pm): Adjusted reason for program modification to align with AECTBS-AGED and updated workflow to match; this ensures both program proposals move in tandem through the approval process. See the concentration CIM block for appropriate ADHE/DESE paperwork.