

Date Submitted: 11/07/18 4:04 pm

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

Last approved: 06/01/17 8:13 am

Last edit: 11/08/18 2:06 pm

Changes proposed by: jdmiller

Catalog Pages Using this Program  
[Agricultural Education, Communications and Technology\\_\(AECT\)](#)

Submitter:	User ID:	calison	Phone:
575-2121			
Program Status	Active		
Academic Level	Undergraduate		
Type of proposal	Major/Field of Study		
Select a reason for this modification			
Revising Curriculum of an Existing Certificate or Degree Program--(LON 11C)			
Are you adding a concentration?			
<b>No</b> Yes			
Are you adding a track?			
No			
Are you adding a focused study?			
No			
Effective Catalog Year	Fall 2019		
College/School Code	Bumpers College of Agricultural, Food, and Life Sciences(AFLS)		

**In Workflow**

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

## Department Code

Department of Agricultural Education, Communication and Technology(AECT)

## Program Code

AECTBS

## Degree

Bachelor of Science in Agricultural, Food &amp; Life Sciences

## CIP Code

**Approval Path**

1. 10/19/18 11:27 am  
Lona Robertson  
(ljrobert): Approved  
for AFLS Dean Initial
2. 10/25/18 3:16 pm  
Alice Griffin  
(agriffin): Rollback  
to Initiator
3. 11/02/18 10:47 am  
Lona Robertson  
(ljrobert): Rollback  
to Initiator
4. 11/05/18 8:44 am  
Lona Robertson  
(ljrobert): Approved  
for AFLS Dean Initial
5. 11/05/18 1:25 pm  
Terry Martin  
(tmartin): Approved  
for Provost Initial
6. 11/07/18 10:38 am  
Alice Griffin  
(agriffin): Rollback  
to Initiator
7. 11/08/18 8:16 am  
Lona Robertson  
(ljrobert): Approved  
for AFLS Dean Initial
8. 11/08/18 8:33 am  
Terry Martin  
(tmartin): Approved  
for Provost Initial
9. 11/08/18 2:08 pm  
Alice Griffin  
(agriffin): Approved  
for Director of  
Program

- Assessment and Review
10. 11/09/18 11:06 am  
Lisa Kulczak  
(lkulcza): Approved for Registrar Initial
  11. 11/09/18 11:11 am  
Gary Gunderman  
(ggunderm): Approved for Institutional Research
  12. 11/09/18 11:30 am  
George Wardlow  
(wardlow): Approved for AECT Chair
  13. 11/09/18 11:44 am  
Jefferson Miller  
(jdmiller): Approved for AECT Curriculum Committee
  14. 11/09/18 11:56 am  
Douglas Karcher  
(karcher): Approved for AFLS Faculty
  15. 11/09/18 2:02 pm  
Jeannine Durdik  
(jdurdik): Approved for ARSC Dean
  16. 11/09/18 2:36 pm  
Lona Robertson  
(ljrobert): Approved for AFLS Dean
  17. 11/09/18 3:53 pm  
Miran Kang (kang): Approved for Global Campus
  18. 11/09/18 4:00 pm  
Terry Martin

(tmartin): Approved for Provost Review  
 19. 11/16/18 4:05 pm  
 Alice Griffin  
 (agriffin): Approved for University Course and Program Committee

### 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)

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?

**No** ~~Yes~~

Does this proposal impact any courses from another College/School?

**Yes**

#### College(s)/School(s)

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

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)

State minimum core and discipline specific general education requirements:

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

University Perspectives	1
<b>UNIV 1001</b> University Perspectives	
Communications	6
Select English Core Courses	
U.S. History or Government	3
Select U.S. History or Government Core Courses	
Mathematics	3
<b>MATH 1203</b> College Algebra (ACTS Equivalency = MATH 1103) (or higher excluding MATH 1313)	
Science	11
<b>BIOL 1543</b> Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture)	
& <b>BIOL 1541L</b> and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)	
<del>BIOL 2013</del> <del>General Microbiology (ACTS Equivalency = BIOL 2004 Lecture)</del>	
& <del>BIOL 2011L</del> <del>and General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab)</del>	
or <del>PHYS 1044</del> <del>Physics for Architects I</del>	
<b>CHEM 1073</b> Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture)	
& <b>CHEM 1071L</b> 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	
<del>For AGED concentration, select FNAR Core (3 hours from Category A)</del>	
<del>WLIT 1113</del> <del>World Literature I (ACTS Equivalency = ENGL 2113)</del>	
or <del>WLIT 1123</del> <del>World Literature II (ACTS Equivalency = ENGL 2123)</del>	
Social Science	9
<del>Choose Social Science Core Courses (3 hours)</del>	
Choose 3 hours Social Science from University Core	
<b>AGEC 1103</b> Principles of Agricultural Microeconomics	
or <b>AGEC 2103</b> Principles of Agricultural Macroeconomics	
<b>PSYC 2003</b> General Psychology (ACTS Equivalency = PSYC 1103)	
<b>AECT Requirements</b>	<b>23</b>

**AECTBS Requirements**

**21**

- AGME 1613 Fundamentals of Agricultural Systems Technology
- AGME 2903 Agricultural and Human Environmental Sciences Applications of Microcomputers
- AGED 3133 Instructional and Presentation Strategies**
- AGED 3143 Communicating Agriculture to the Public
- AGED 3153 Leadership Development in Agriculture**
- or AGED 3153H Honors Leadership Development in Agriculture**
- AGED 4003 Issues in Agriculture
- AGED 475V Internship in Agricultural Education (3 hours)**

**Choose 9 hours from the following:**

**9**

- ANSC 1032 Introductory Animal Sciences  
& ANSC 1051 and Introduction to the Livestock Industry  
or ANSC 2213 Behavior of Domestic Animals
- ~~ANSC 1051 Introduction to the Livestock Industry~~
- ~~CSES 1203 Introduction to Plant Sciences~~
- ~~CSES 2013 Pest Management~~
- ~~CSES 2203 Soil Science~~
- ~~CSES 2201L Soil Science Laboratory (or 1 hour of CSES 355V)~~
- ~~or CSES 355V Soil Profile Description~~
- ENSC 1003 Environmental Science**
- ENTO 1023 Insects, Science and Society**
- HORT 2003 Principles of Horticulture**
- POSC 2343 Poultry Production**
- FDSC 2603 Science in the Kitchen**
- PLPA 3004 Principles of Plant Pathology**

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

**21-24**

**Electives**

**27-30**

Total Hours

120

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**

~~The concentration in Agricultural Leadership would be offered through the Department of Agricultural Education, Communications and Technology to serve students within the Dale Bumpers College of Agricultural, Food and Life Sciences. The concentration in Agricultural Leadership would work to unite the faculty working with students in the college to foster the development of key indicators of future professional success, including:~~

- ~~• Personal leadership (including team building, goal setting, and professional skills)~~
- ~~• Strategic thinking and behavior~~
- ~~• Critical thinking and problem solving~~
- ~~• Ability to work with diverse populations~~
- ~~• Communication skills (verbal and written)~~
- ~~• Service learning~~
- ~~• Community and organizational leadership~~

~~Through courses, seminars, service learning opportunities, and internship experiences, the concentration would strengthen students by equipping them with the skills and knowledge needed to impact the food and fiber industry.~~

**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**

- ~~1. Knowledge of personal leadership style and skill set~~
- ~~2. Ability to effectively work with and lead diverse populations~~
- ~~3. Establish and maintain a team setting~~
- ~~4. Ability to develop vision, mission, goals, and objectives for organizations~~

### Learning Outcomes

~~5. Ability to adapt to change and lead a group through the change process~~

~~6. Development of communication skills, both oral and written~~

~~7. Ability to apply leadership theory, models, and concepts to everyday situations~~

~~8. Understanding of leadership ethics~~

~~9. Ability to create and administer leadership development programs for youth and adult learners~~

**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
<ol style="list-style-type: none"> <li>1. AGED 3143 from Communications to Departmental Core</li> <li>2. Dropped BIOL 2013/2011L from Physical and Biological Sciences</li> <li>3. Dropped AGME 1611L Fundamental of Ag Systems Lab from Departmental Courses</li> <li>4. Added AGED 3133 Instructional and Presentation Strategies to Departmental Courses</li> <li>5. Added AGED 3153 Leadership Development to Departmental Courses</li> <li>6 Added AGED 475V Internship to Departmental Courses</li> <li>7. Deleted CSES 1203, 2013, 2203, 2201L, and 355V from Departmental Courses</li> <li>8. Created a list of 8 new technical agriculture elective courses in the Departmental core, including ANSC 1032, ANSC 2213, ENSC 1003, ENTO 1023, FDSC 2603, HORT 2003, and POSC 2343</li> </ol>	<p>These changes were made to standardize the department's major core courses across all four of its concentrations.</p>

## Upload attachments

[AECTBS - Revision - Curriculum.pdf](#)

[AECTBS - Revision - Ltr of Notification.docx](#)

## Reviewer Comments

**Alice Griffin (agriffin) (10/22/18 4:44 pm):** Removed indention from the nine hours of program electives, so that the required hours would appear in the credit hour column.

**Alice Griffin (agriffin) (10/25/18 3:16 pm):** Rollback: The number of changes requested exceeds the 15 hour credit limit for a minor change. Please review the overall changes and select the appropriate reason for the modification and include appropriate LON. Also, please define the entire 120 credit hours in the program requirements field. This change cannot be completed without identifying how the number of hours for the concentrations are identified. Feel free to contact me or Vicky if you need assistance on the language for this section.

**Lona Robertson (ljrobert) (11/02/18 10:47 am):** Rollback: Please update the Checksheet - what is labeled as 19-20 is the same as 18-19

**Alice Griffin (agriffin) (11/07/18 10:38 am):** Rollback: Department's request for further edits.

**Alice Griffin (agriffin) (11/08/18 12:05 pm):** Combined curriculum into one document. Inserted degree code and approval dates into the LON and renamed documents into the BOT naming convention.

**Alice Griffin (agriffin) (11/08/18 2:01 pm):** Changed title of major from Communications to Communication in LON.

**Alice Griffin (agriffin) (11/08/18 2:06 pm):** Removed ANSC 2213 from overall list of program electives and inserted it as an option between ANSC 1032/1051 or ANSC 2213 with confirmation from college dean's office.