

Program Change Request

Date Submitted: 03/07/16 2:38 pm

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

Last approved: 03/25/15 1:21 pm

Last edit: 06/28/16 4:10 pm

Changes proposed by: dharris

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. Provost's Office-- Documentation sent to System Office
17. Higher Learning Commission
18. Board of Trustees
19. ADHE Final
20. Provost's Office-- Notification of Approval
21. Registrar Final
22. Catalog Editor Final

Approval Path

1. 03/07/16 3:16 pm
ljrobert: Approved for AFLS Dean Initial
2. 03/09/16 9:28 am
tmartin: Approved for Provost Initial
3. 03/11/16 10:36 am
agriffin: Rollback to AFLS Dean Initial for Director of Program

- Assessment and Review
4. 03/16/16 8:07 am
ljrobert: Approved for AFLS Dean Initial
 5. 05/06/16 3:49 pm
tmartin: Approved for Provost Initial
 6. 05/23/16 3:28 pm
agriffin: Approved for Director of Program Assessment and Review
 7. 06/01/16 11:42 am
lkulcza: Approved for Registrar Initial
 8. 06/01/16 12:03 pm
ggunderm: Approved for Institutional Research
 9. 06/01/16 1:51 pm
wardlow: Approved for AECT Chair
 10. 06/07/16 2:15 pm
jdmiller: Approved for AECT Curriculum Committee
 11. 06/07/16 3:46 pm
rainey: Approved for AFLS Faculty
 12. 06/07/16 8:33 pm
jduardik: Approved for ARSC Dean
 13. 06/08/16 8:20 am
ljrobert: Approved for AFLS Dean
 14. 06/08/16 1:07 pm
rebels: Approved for Global Campus
 15. 06/22/16 9:57 am
tmartin: Approved for Provost Review

History

1. Mar 25, 2015 by calison

Catalog Pages Using this Program

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

User ID: calison

Submitter: Phone: **575-2121-575-6731**

Academic Level Undergraduate

Select a reason for the proposed change:

Adding an Option, Concentration or Emphasis--(LON 3)

Program Status Active

Academic Unit Major/Field of Study

Are you adding, changing or deleting a concentration? **Yes-No**

Action	Proposed Code	Proposed Name
add	AECTBS-AGLE	Agricultural Leadership

Are you adding, changing or deleting a track? No

Action	Proposed Code	Proposed Name

Are you adding, changing or deleting a focused study? No

Action	Proposed Code	Proposed Name

Effective Catalog Year

Fall **2017** ~~2015~~

College, School, Division

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

Department Code

Department of Agricultural Education, Communication and Technology (AECT)

Program Code

AECTBS

Degree

Bachelor of Science in Agricultural, Food & Life Sciences

CIP Code

01.0801 - Agricultural and Extension Education Services.

Program Title

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

Method of Delivery

On Campus

Is this program interdisciplinary or use courses from another College?

Yes-No

Select all that apply:

ARSC-

Does this change the total hours needed to

No

complete the
program?

Program Requirements, Description and 8-Semester Plan

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

State minimum core and discipline specific general education **requirements:**

requirements:

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

University Perspectives		0-1
<u>UNIV 1001</u>	University Perspectives (Sp, Su, Fa)	
Communications		3-9
Select English Core Courses (6 hours unless exempt)		
<u>AGED 3143</u>	Communicating Agriculture to the Public (Sp, Su, Fa)	
U.S. History or Government		3
Select U.S. History or Government Core Courses		
Mathematics		3
Select either MATH course below or higher		
<u>MATH 1203</u>	College Algebra (Sp, Su, Fa) (ACTS Equivalency = MATH 1103) (or higher excluding MATH 1313)	
Science		15
<u>BIOL 1543</u> & <u>BIOL 1541L</u>	Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) (Sp, Su, Fa) and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Sp, Su, Fa)	
<u>BIOL 2013</u> & <u>BIOL 2011L</u>	General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) (Sp, Su, Fa) and General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) (Sp, Su, Fa)	
or <u>PHYS 1044</u>	Physics for Architects I (Fa)	
<u>CHEM 1073</u> & <u>CHEM 1071L</u>	Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) (Su, Fa) and Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab) (Su, Fa)	
Science Elective for AGED Concentration (3 hours)		
Science or Math Elective for ASTM, ACOM and AGLE Concentrations (3 hours)		
Fine Arts/Humanities		6
Choose from Fine Arts and Humanities Core Courses (6 hours) for ASTM, ACOM and AGLE Concentrations For AGED concentration, select FNAR Core (3 hours from Category A)		
<u>WLIT 1113</u> or <u>WLIT 1123</u>	World Literature I (ACTS Equivalency = ENGL 2113) (Sp, Su, Fa) World Literature II (ACTS Equivalency = ENGL 2123) (Sp, Su, Fa)	
Social Science		9
Choose Social Science Core Courses (3 hours)		
<u>AGEC 1103</u> or <u>AGEC 2103</u>	Principles of Agricultural Microeconomics (Sp, Fa) Principles of Agricultural Macroeconomics (Sp, Fa)	
<u>PSYC 2003</u>	General Psychology (ACTS Equivalency = PSYC 1103) (Sp, Su, Fa)	
AECT Requirements		23
<u>AGED 4003</u>	Issues in Agriculture (Fa)	

<u>AGME 1613</u>	Fundamentals of Agricultural Systems Technology (Fa)
& <u>AGME 1611L</u>	and Fundamentals of Agricultural Systems Technology Laboratory (Fa)
<u>AGME 2903</u>	Agricultural and Human Environmental Sciences Applications of Microcomputers (Sp, Su, Fa)
<u>ANSC 1032</u>	Introductory Animal Sciences (Sp, Fa)
<u>ANSC 1051</u>	Introduction to the Livestock Industry (Sp, Fa)
<u>CSES 1203</u>	Introduction to Plant Sciences (Sp, Fa)
<u>CSES 2013</u>	Pest Management (Sp)
<u>CSES 2203</u>	Soil Science (Sp, Fa)
<u>CSES 2201L</u>	Soil Science Laboratory (Sp, Fa) (or 1 hour of CSES 355V)
or <u>CSES 355V</u>	Soil Profile Description (Fa)

Additional Requirements for AGLE Concentration (24 Hours)

AGLE Concentration Requirements	24
<u>AGED 2143</u>	Introduction to Agricultural Communications (Fa)
<u>AGED 3153</u>	Leadership Development in Agriculture (Sp)
<u>AGED 4153</u>	Survey of Leadership Theory in Agriculture (Fa)
<u>AGED 3943</u>	Professional Development in Agricultural Communications (Even years, Fa)
<u>AGED 4443</u>	Principles of Technological Change (Odd years, Fa)
<u>AGED 4163</u>	Leadership Analysis Through Film (Sp)
<u>COMM 1313</u>	Public Speaking (ACTS Equivalency = SPCH 1003) (Sp, Su, Fa)
<u>AGED 475V</u>	Internship in Agricultural Education (Sp, Su, Fa)
or <u>EXED 475V</u>	Internship in Extension (Sp, Su, Fa)
AGLE Concentration and/or General Electives	27-33
Recommended electives:	
<u>AGED 3133</u>	Methods of Teaching (Fa)
<u>AGEC 3313</u>	Agribusiness Sales (Sp)
<u>AGEC 3503</u>	Agricultural Law I (Fa)
<u>AGEC 4613</u>	Political Economy of Agriculture and Food (Fa)
Total Hours	120

Agricultural Leadership Nine-Semester Plan (AGLE)

First Year	Units		
	Fall	Spring	Summer
<u>UNIV 1001</u> University Perspectives (Sp, Su, Fa)	1		
<u>AGME 1613</u> Fundamentals of Agricultural Systems Technology (Fa) & <u>AGME 1611L</u> Fundamentals of Agricultural Systems Technology Laboratory (Fa)	4		
<u>ANSC 1032</u> Introductory Animal Sciences (Sp, Fa)	2		
<u>ANSC 1051</u> Introduction to the Livestock Industry (Sp, Fa)	1		
<u>BIOL 1543</u> Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) (Sp, Su, Fa) & <u>BIOL 1541L</u> Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Sp, Su, Fa)	4		
<u>ENGL 1013</u> Composition I (ACTS Equivalency = ENGL 1013) (Sp, Su, Fa)	3		
<u>AGED 2143</u> Introduction to Agricultural Communications (Fa)		3	
<u>COMM 1313</u> Public Speaking (ACTS Equivalency = SPCH 1003) (Sp, Su, Fa)		3	
<u>ENGL 1023</u> Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)		3	
<u>MATH 1203</u> College Algebra (Sp, Su, Fa) (ACTS Equivalency = MATH 1103) (or higher excluding			

MATH 1313)	3
<u>HIST 2003</u> History of the American People to 1877 (ACTS Equivalency = HIST 2113) (Sp, Su, Fa) (or HIST 2013 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) (Sp, Su, Fa)) or <u>PLSC 2003</u> American National Government (ACTS Equivalency = PLSC 2003) (Sp, Su, Fa)	3
Year Total:	15 15

Second Year**Units****Fall Spring Summer**

<u>AGEC 1103</u> Principles of Agricultural Microeconomics (Sp, Fa) or <u>AGEC 2103</u> Principles of Agricultural Macroeconomics (Sp, Fa)	3
<u>AGME 2903</u> Agricultural and Human Environmental Sciences Applications of Microcomputers (Sp, Su, Fa)	3
<u>CHEM 1073</u> Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) (Su, Fa) & <u>CHEM 1071L</u> Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab) (Su, 4 Fa)	4
<u>CSES 1203</u> Introduction to Plant Sciences (Sp, Fa)	3
Fine Arts/Humanities Core Elective	3
<u>AGED 3143</u> Communicating Agriculture to the Public (Sp, Su, Fa)	3
Fine Arts/Humanities Core Elective	3
<u>BIOL 2013</u> General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) (Sp, Su, Fa) & <u>BIOL 2011L</u> General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) (Sp, Su, Fa) or <u>PHYS 1044</u> Physics for Architects I (Fa)	4
<u>CSES 2013</u> Pest Management (Sp)	3
<u>PSYC 2003</u> General Psychology (ACTS Equivalency = PSYC 1103) (Sp, Su, Fa)	3
Year Total:	16 16

Third Year**Units****Fall Spring Summer**

<u>AGED 3943</u> Professional Development in Agricultural Communications (Even years, Fa)	3
<u>CSES 2203</u> Soil Science (Sp, Fa)	3
<u>CSES 2201L</u> Soil Science Laboratory (Sp, Fa) or <u>CSES 355V</u> Soil Profile Description (Fa)	1
AGLE Concentration or General Electives	9
<u>AGED 3153</u> Leadership Development in Agriculture (Sp)	3
AGLE Concentration or General Electives	6
Social Science Core Elective	3
Science/Math Elective	3
<u>AGED 475V</u> Internship in Agricultural Education (Sp, Su, Fa) or <u>EXED 475V</u> Internship in Extension (Sp, Su, Fa)	3
Year Total:	16 15 3

Fourth Year**Units****Fall Spring Summer**

<u>AGED 4153</u> Survey of Leadership Theory in Agriculture (Fa)	3
<u>AGED 4003</u> Issues in Agriculture (Fa)	3

AGED 4443 Principles of Technological Change (Odd years, Fa)	3
AGLE Concentration or General Electives	3
AGED 4163 Leadership Analysis Through Film (Sp)	3
AGLE Concentration or General Electives	9
Year Total:	12 12

Total Units in Sequence: 120

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.**~~NA~~

Scheduled Program Review Date: **2025-2026**~~NA~~

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. ~~NA~~

Learning Outcomes:

- 1. Knowledge of personal leadership style and skill set**~~NA~~
- 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**~~-~~
- 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**~~-~~

While the US economy is on the mend, the job market is still tight. Therefore, college graduates are competing in a job market with fewer jobs and a higher number of applicants. Industry employers are confident in the level of technical skills a college graduate possesses. In a recent study conducted by the Carnegie Institute of Technology, researchers found that 85 percent of an individual's financial success was related to the ability to communicate, negotiate, and lead, while only 15 percent was related to technical skills (Jensen, 2013). Therefore it is no surprise that employers are concerned about the lack of soft skills possessed by recent college graduates (UGA Center for Agribusiness and Development, 2008). A recent study conducted by the Association of Public and Land-grant Universities found employers value soft skills more than discipline knowledge (Crawford, Lang, Fink, Dalton, & Fieltz, 2011). Specifically, employers felt graduates need skill improvement in leadership, team building, communications, critical

Description and justification of the request:

thinking, and professionalism. In order to provide students in the Dale Bumpers College of Agricultural, Food and Life Sciences a competitive edge in industry and academics, a proposal for the creation of a concentration in Agricultural Leadership follows.

If accepted, a concentration in Agricultural Leadership would provide a broad, interdisciplinary leadership experience for students in the Bumpers College of Agricultural, Food, and Life Sciences. Completion of the concentration would provide students with a competitive edge in the job market by developing key soft skills such as leadership, communication, critical thinking, and professionalism. Through collaboration between departments, students will gain a well-rounded perspective on critical issues facing the food and fiber industry.

This proposal is to add the Agricultural Leadership concentration as an option in the Agricultural Education, Communication and Technology major. A complete list of courses required for the Agricultural Leadership concentration can be found on the attached LON 3.

ljrobert (10/01/15 11:15 am): I have confirmed with George Wardlow, Department Head for AECT, that this concentration will be comprised of existing courses and will not require new resources.

agriffin (10/07/15 12:09 pm): Rollback: Please update LON, effective date, and curriculum issues discussed in email correspondence.

agriffin (10/21/15 1:37 pm): Removed phantom credit from 8 semester plan.

agriffin (10/21/15 1:39 pm): Minor edit in learning outcomes.

ggunderm (10/22/15 8:54 am): CIP code okay.

agriffin (11/06/15 4:45 pm): Rollback: Please review the criteria for a new concentration and make appropriate adjustments to curriculum.

agriffin (03/11/16 10:36 am): Rollback: Rolling back to AFLS Dean Initial as requested.

watkinsv (03/15/16 1:00 pm): Attaching revised LON 3, program check sheet and 9-semester plan. Revised catalog copy to incorporate changes as requested.

watkinsv (03/15/16 1:47 pm): Replaced program check sheet with revision due to misspelling of department name.

watkinsv (03/15/16 1:51 pm): Resubmitting check sheet due to program software lockup.

agriffin (05/23/16 1:17 pm): Changed AGECE 4163 to AGECE 4613.

agriffin (05/23/16 1:26 pm): Edited description with permission from program.

agriffin (05/23/16 1:32 pm): Inserted Learning Outcomes from Letter of Notification with permission from program.

agriffin (05/23/16 3:25 pm): Uploaded revised Letter of Notification 3 and check sheet with permission from program.

agriffin (05/23/16 3:28 pm): 2nd attempt to upload LON.

ggunderm (06/01/16 12:03 pm): CIP Code 01.0801 matches major. Approved.

agriffin (06/28/16 4:10 pm): Changed curriculum approval date to Faculty Senate's September meeting. Also inserted BOT and Provost approval dates in the LON.

Program reviewer comments

Uploaded attachments:

[**AECT - AGLE 9 SDCP 17-18 final.docx-**](#)

[**AECTBS-AGLE 17-18 Checksheet -- Final Revision.docx-**](#)

[**AECTB-AGLE - New Option - Ltr of Notification.docx-**](#)