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| For Academic Affairs and Research Use Only |
| Proposal Number | AGRI10 |
| CIP Code:  |  |
| Degree Code: |  |

**Online Delivery of Existing Certificate or Degree FORM**

**(More than 50% Online)**

(Also requires Arkansas Department of Higher Education (ADHE) approval)

**[X] Undergraduate Curriculum Council**

**[ ] Graduate Council**

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

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| Jacob Manlove | 10/5/2022 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Donald Kennedy | 10/5/2022 |

**Department Chair** |

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**Head of Unit (if applicable)**   |
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| Jacob Manlove | 10/5/2022 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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| Mickey Latour | 10/5/2022 |

**College Dean** |

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**Graduate Curriculum Committee Chair** |
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**General Education Committee Chair (if applicable)**   |

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| Alan Utter | 10/17/2022 |

**Vice Chancellor for Academic Affairs** |

1. **Contact Person** (Name, Email Address, Phone Number)

John Nowlin, jnowlin@astate.edu, 870-972-3468

1. **Name of Existing Certificate(s) or Degree(s):**

Bachelor of Science in Agricultural Studies

1. **Proposed Effective Date:**

Fall 2023

1. **Reason for online delivery of the Program:**

There are three main purposes for offering the degree online. First, to allow access to new student markets. Second, to allow the program to be accessible to employed and non-traditional students. Finally, to provide an option for former students who did not complete a degree but now need to do so for career advancement.

1. **Percentage of courses to be offered online (50-99%, or 100%):**

100%

1. **Will this Program be offered through Global Initiatives/AP?**

 Yes

1. **Provide the current and proposed curriculum (course number/title) with the courses that are or will be offered via distance technology underlined. Mark\* courses that will be taught by adjunct faculty.**

**Note: The current and proposed curriculum are identical (please see accompanying Program Modification form)**

**First Year Making Connections Course**

AGRI 1213, Making Connections in Agriculture

**General Education Requirements:**

See General Education Curriculum for Baccalaureate degrees

Students with this major must take the following:

MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite

CHEM 1043 AND CHEM 1041, Fundamental Concepts of Chemistry and Laboratory

BIOL 1003 AND BIOL 1001, Biological Science and Laboratory

[GEOG 2613 - Introduction to Geography](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77) Sem. Hrs: 3

COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)

**Agricultural Core Courses**

Select four of the following:

AGEC 1003, Introduction to Agricultural Business

AGST 2003, Intro to Agricultural Systems Technology

ANSC 1613, Introduction to Animal Science

PSSC 1303, Introduction to Plant Science

PSSC 2813, Soils

Select one of the following:

AGRI 3233, Applied Agricultural Statistics

STAT 3233, Applied Statistics I

TECH 3773, Statistics

Select one of the following:

AGRI 4723, Agricultural Connections, Technical Interpretation and Professional Applications

AGRI 420V, Internships in Agriculture

**Major Requirements:** See emphasis area below.

**EMPHASIS AREA (AGRICULTURAL SYSTEMS TECHNOLOGY):**

GIS 2003 - Intro to GIS and Precision Agriculture

GIS 3503 - Geospatial Data Applications

GIS 3543 - Fundamentals of GIS/GPS

GIS 4003 - Modern Irrigation Systems

GIS 4503 - Agricultural Decision Tools and Analysis

GIS 4511 - Unmanned Aircraft Systems

GIS 4543 - Understanding Geographic Information Systems

GIS 4773 - Remote Sensing

GIS 4843 - GIS and Precision Agriculture Capstone

Upper-level elective in AGEC, AGED, ANSC, AGRI, GIS, GEOG, HORT, or PSSC Sem. Hrs: 21

Select one of the following:

ISBA 1503 - Microcomputer Applications Sem. Hrs: 3

CS 1013 - Introduction to Computers Sem. Hrs: 3

Select two of the following:

BCOM 2503 - Business Communication Sem. Hrs: 3

[COMS 2243 - Principles of Argumentation](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77) Sem. Hrs: 3

[COMS 2373 - Introduction to Interpersonal Communication](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77) Sem. Hrs: 3

[COMS 3243 - Principles of Persuasion](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77) Sem. Hrs: 3

[COMS 3203 - Business and Professional Communication](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77) Sem. Hrs: 3

[COMS 4263 - Organizational Communication](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77) Sem. Hrs: 3

Select one of the following:

(NOTE: it is not known which of these will be taught, but it is agreed by Justin Castro (Dept. Head) that one of these will be taught online.)

[GEOG 3723 - Introduction to Physical Geography Weather and Climate](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77) Sem. Hrs: 3

[GEOG 4113 - Water Resources Planning](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77) Sem. Hrs: 3

GEOG 4613 - Conservation of Natural Resources Sem. Hrs: 3

GEOG 4623 - Environmental Management Sem. Hrs: 3

[GEOG 4633 - Climatology](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77) Sem. Hrs: 3

Select two PSSC upper-level courses

(NOTE: it is not known which courses will be taught, but PSSC faculty agree to teach two per year upper level courses online**)**