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| For Academic Affairs and Research Use Only |
| Proposal Number |  |
| CIP Code:  |  |
| Degree Code: |  |
|  2+2/MOUs: |  |

**Emphasis, Concentration, Option, or Minor Deletion Proposal Form**

**[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 | 4/24/2023 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Donald Kennedy | 4/24/2023 |

**Department Chair** |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Head of Unit (if applicable)**   |
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| Jacob Manlove | 4/24/2023 |

**College Curriculum Committee Chair** |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Undergraduate Curriculum Council Chair** |
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| Mickey Latour | 4/24/2023 |

**College Dean** |

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

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| Len Frey | 4/26/2023 |

**Vice Chancellor for Academic Affairs** |

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

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

1. **Type of deletion request:**
2. [X] Emphasis
3. [ ] Concentration
4. [ ] Option
5. [ ]Minor
6. **Title of emphasis, concentration, option, or minor**

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| **Agricultural Studies, Emphasis in Agricultural Systems Technology, BSA** |

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1. **Number of students still enrolled in emphasis, concentration, option, or minor:**

Approximately 5

1. **How will students in the deleted emphasis, concentration, option, or minor be accommodated?**

No accommodation will be necessary. Although the emphasis in Agricultural Systems Technology is technically being deleted, it was reconfigured with a few minor changes has become the (i.e., non-emphasis) GIS and Precision Agriculture Please see accompanying approved reconfiguration form 2023U\_APPROVED\_AGRI01\_Reconfiguration\_BSA-GIS-Precision-Agriculture-REV1.docx

1. **Last semester and year for graduation.**

Summer 2023 (anticipated); however, any current student who wishes to remain in the emphasis program rather than the non-emphasis general program (Please see accompanying reconfiguration form)will be permitted to do so.

1. **Last semester for new admissions?**

Summer 2022

1. **When will written notification providing deletion information be sent to enrolled students? (In the notification, include semester and year of the last award and how student will be accommodated.)**

Summer 2022

1. **Provide documentation of written notification to students currently enrolled in emphasis, concentration, option, or minor.**

Notification is not deemed necessary as students will be “transferred” to the new GIS and Precision Agriculture program (Please see accompanying reconfiguration form).

1. **Please provide a short justification for why this emphasis, concentration, option, or minor is being deleted.**

*This note is for clarity, because this program name is not yet reflected in the bulletin. This emphasis was recently renamed (Fall of 2022) from Agricultural Studies emphasis in Agricultural Systems Technology (AGST) to Agricultural Studies emphasis in GIS & Precision Agriculture (GIS). Before it was added to the bulletin in July 2023, we reconfigured the emphasis into a new program named GIS & Precision Agriculture (GIS). The emphasis has been replaced by the new program and should therefore be deleted.*

(Please see accompanying reconfiguration form)

**Bulletin Changes**

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| **Instructions**  |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Please include a before (with changed areas highlighted) and after of all affected sections.** **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.**  |

CURRENT Page 110 (2021-22 Bulletin):

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| ~~Agricultural Studies, Emphasis in Agricultural Systems Technology, BSA~~ |
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~~Return to {$returnto_text} Return to:~~[~~Programs by Department~~](https://catalog.astate.edu/content.php?catoid=3&navoid=77)~~A complete 8-semester degree plan is available at~~[~~https://www.astate.edu/info/academics/degrees/~~](https://www.astate.edu/info/academics/degrees/) |
| ~~UNIVERSITY REQUIREMENTS:~~~~See~~[~~University General Requirements for Baccalaureate degrees~~](https://catalog.astate.edu/content.php?catoid=3&navoid=67#university-general-requirements-for-all-baccalaureate-degrees)~~FIRST YEAR MAKING CONNECTIONS COURSE~~* [~~AGRI 1213 - Making Connections in Agriculture~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**

~~GENERAL EDUCATION REQUIREMENTS:~~* ~~See~~[~~General Education Curriculum for Baccalaureate Degrees~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=447)**~~Sem. Hrs: 35~~**

~~Students with this major must take the following:~~* [~~CHEM 1013 - General Chemistry I~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~CHEM 1011 - General Chemistry I Laboratory~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~1~~**
* ***~~OR~~***
* [~~CHEM 1043 - Fundamental Concepts of Chemistry~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~CHEM 1041 - Fundamental Concepts of Chemistry Laboratory~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~1~~**
*
* [~~BIOL 1003 - Biological Science~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~BIOL 1001 - Biological Science Laboratory~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~1~~**
* [~~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~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**~~(Required Departmental Gen. Ed. Option)~~

~~AGRICULTURE CORE COURSES:~~~~(See~~[~~Agriculture Core Courses~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=458)~~)~~~~MAJOR REQUIREMENTS:~~~~See emphasis area below.~~~~EMPHASIS AREA (AGRICULTURAL SYSTEMS TECHNOLOGY):~~* [~~AGRI 4223 - Agriculture and the Environment~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~AGST 3543 - Fundamentals of GIS/GPS~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~AGST 4003 - Modern Irrigation Systems~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~AGST 4503 - Agricultural Decision Tools and Analysis~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~AGST 4511 - Unmanned Aircraft Systems~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~1~~**
* [~~AGST 4543 - Understanding Geographic Information Systems~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~AGST 4773 - Remote Sensing~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~AGST 4843 - Agricultural Systems Technology Capstone~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
*
* [~~MATH 1033 - Plane Trigonometry~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* **~~OR~~**
* [~~MATH 1054 - Precalculus Mathematics~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~4~~**
* ***~~OR~~***
* ~~Any MATH course that requires~~[~~MATH 1023~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77#tt1677)~~or~~[~~MATH 1054~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77#tt8078)~~as a prerequisite~~
*
* [~~TECH 3803 - Electrical Systems~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* ~~Upper-level elective in AGEC, AGED, AGST, AGRI, GEOG, HORT, or PSSC~~**~~Sem. Hrs: 10-11~~**

~~Select one of the following:~~* [~~AGEC 3013 - Decision Tools for Agribusiness~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~AGST 3503 - Geospatial Data Applications~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**

~~Select one of the following:~~* [~~BIO 3023 - Principles of Ecology~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~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 4633 - Climatology~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**

~~Select one of the following:~~* [~~BIO 1503 - Biology of Plants~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~****~~AND~~**
* [~~BIO 1501 - Biology of Plants Laboratory~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~1~~**
*
* [~~GEOL 1003 - Environmental Geology~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~****~~AND~~**
* [~~GEOL 1001 - Environmental Geology Laboratory~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~1~~**
*
* [~~PHSC 1203 - Physical Science~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~****~~AND~~**
* [~~PHSC 1201 - Physical Science Laboratory~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~1~~**
*
* [~~PHYS 1103 - Introduction to Space Science~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~****~~AND~~**
* [~~PHYS 1101 - Introduction to Space Science Laboratory~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~1~~**
*
* [~~PHYS 2054 - General Physics I~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~4~~**

~~Select one of the following:~~* [~~ISBA 1503 - Microcomputer Applications~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~CS 1013 - Introduction to Computers~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**

~~Select one of the following:~~* [~~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:~~* [~~ENG 3003 - Advanced Composition~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~ENG 3013 - Practical Writing~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~ENG 3043 - Technical Writing~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~ENG 3053 - Introduction to Digital Writing~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~ENG 4703 - Persuasive Writing~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**

~~Select two of the following:~~* [~~PSSC 3313 - Plant Disease Management~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~PSSC 3323 - Weeds and Weed Control~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~PSSC 4713 - Soil Quality Assessment and Interpretation~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**
* [~~PSSC 4804 - Principles of Crop Production~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~4~~**
* [~~PSSC 4813 - Soil Fertility~~](https://catalog.astate.edu/preview_program.php?catoid=3&poid=465&returnto=77)**~~Sem. Hrs:~~****~~3~~**

~~Sub-total: 64~~~~TOTAL REQUIRED HOURS: 120~~ |