Code # AG24 (2015)

**Bulletin / Banner Change Transmittal Form**

[x]  **Undergraduate Curriculum Council** Print 1 copy for signatures and save 1 electronic copy.

[ ]  **Graduate Council** - Print 1 copy for signatures and send 1 electronic copy to pheath@astate.edu

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**COPE Chair (if applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Department Chair:**  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**General Education Committee Chair (If applicable)**   |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Undergraduate Curriculum Council Chair** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Graduate Curriculum Committee Chair** |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Vice Chancellor for Academic Affairs** |

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

Peter Ako Larbi, plarbi@astate.edu, 870-972-2263

**2.Proposed Change**

**Curriculum change for Agricultural Studies Major, Emphasis in Agricultural Systems Technology:-**

***Add*** AGST 2003 Intro to Ag Systems Technology in 5th row under “**Emphasis Area”.**

***Delete*** TECH 2863 Principles of Technology fromthe 5th row above the **“Total Required Hours”** and ***Add*** as an option in 5th row under “**Emphasis Area”.**

**3.Effective Date**

Fall 2016

**4.Justification –** *Please provide details as to why this change is necessary.*

This curriculum change is being proposed alongside a new course proposal for AGST 2003, Intro to AG Systems Technology. The change is intended to accommodate this new course being proposed, which is designed specifically for the Emphasis in Agricultural Systems Technology (AGST). Course status was changed from standalone elective to optional elective to enrich student options.

**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. Follow the following guidelines for indicating necessary changes.** **\*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.** - Deleted courses/credit hours should be marked with a red strike-through (~~red strikethrough~~)- New credit hours and text changes should be listed in blue using enlarged font (blue using enlarged font). - Any new courses should be listed in blue bold italics using enlarged font (***blue bold italics using enlarged font***)*You can easily apply any of these changes by selecting the example text in the instructions above, double-clicking the ‘format painter’ icon 🡪 , and selecting the text you would like to apply the change to.**Please visit* [*https://youtu.be/yjdL2n4lZm4*](https://youtu.be/yjdL2n4lZm4) *for more detailed instructions.* |

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Major in Agricultural Studies

**Bachelor of Science in Agriculture**

**Emphasis in Agricultural Systems Technology**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| **University Requirements:**  |
| See University General Requirements for Baccalaureate degrees (p. 41)  |
| **First Year Making Connections Course**  | Sem. Hrs.  |
| AGRI 1213, Making Connections in Agriculture  | 3 |
| **General Education Requirements:**  | Sem. Hrs.  |
| See General Education Curriculum for Baccalaureate degrees (p. 83) Students with this major must take the following: *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite* *PHYS 2054, General Physics I* *BIOL 1003 AND BIOL 1001, Biological Science and Laboratory* *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)*  | 35  |
| **College of Agriculture Core Courses:**  | Sem. Hrs.  |
| (See Beginning of Agriculture Section)  | 18 |
| **Major Requirements:**  | Sem. Hrs.  |
| See emphasis area below. |  |
| **Emphasis Area (Agricultural Systems Technology):**  | Sem. Hrs  |
| AGEC 3003, Agricultural Marketing OR AGEC 3013, Agricultural Records OR AGEC 3063, Agricultural Sales and Service  | 3 |
| AGED 3433, Agricultural Equipment Hydraulic Systems  | 3  |
| AGRI 4223, Agriculture and the Environment  | 3  |
| AGST 1003, Modern Agricultural Systems | 3 |
| *AGST 2003, Intro to Ag Systems Technology* ORTECH 2863, Principles of Technology | 3 |
| AGST 3503, Agricultural Spatial Technologies I  | 3 |
| AGST 3513, Agricultural Spatial Technologies II  | 3  |
| AGST 3543, Fundamentals of GIS/GPS  | 3  |
| AGST 4003, Modern Irrigation Systems | 3 |
| AGST 4013, Precision Application Technology | 3 |
| AGST 4543, Advanced GIS for Agriculture and Natural Resources  | 3  |
| AGST 4773, Remote Sensing  | 3  |
| CHEM 1043, Fundamental Concepts of Chemistry  | 3  |
| MATH 1033, Plane Trigonometry  | 3  |
| PHYS 2064. General Physics II  | 4  |
| PSSC 4713, Soil Quality Assessment and Interpretation OR PSSC 4853, Soil and Water Conservation ORPSSC 3323, Weeds and Weed Control | 3  |
| ~~TECH 2863, Principles of Technology~~  | ~~3~~  |
| TECH 3803, Electrical Systems  | 3  |
| TECH 3863, Industrial Safety  | 3 |
| TECH 4813, Operations Systems Research | 3 |
| Upper-level electives in AGST, AGRI, PSSC | 6  |
| **Total Required Hours:**  | **120** |