Code # AG01 (2015)

**Bulletin Change Transmittal Form**

**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](mailto:pheath@astate.edu)

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| **Bulletin Change** Please attach a copy of all catalogue pages requiring editorial changes. |

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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](mailto:plarbi@astate.edu), 870-972-2263

**2.Proposed Change**

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

***Delete*** AGST 3503, Agricultural Spatial Technologies I fromunder **Major Requirements** and ***Add*** under **Emphasis Area**

***State*** “See Emphasis Area Below” under **Major Requirements**

***Delete*** the following courses in Emphasis area:

TECH 4883 Work Center Management

Upper level electives in TECH

***Change requirement status*** of the following course from emphasis area requirement to emphasis area option (OR):

PSSC 3323 Weeds and Weed Control

***Add*** the following courses to the Emphasis area:

AGST 1003 Modern Agricultural Systems

AGST 4003 Modern Irrigation Systems

AGST 4013 Precision Application Technology

***Add*** AGST and AGRI prefixes in the upper-level electives and change Semester Hours to 6

**3.Effective Date**

Fall 2016

**4.Justification**

The curriculum has been changed to accommodate newly approved courses for the Emphasis in Agricultural Systems Technology (AGST). The newly approved courses were designed for the emphasis area and have more relevance than the courses deleted. Course was moved from Major Requirements to Emphasis Area because the other Emphasis areas under Agricultural Studies do not have this course in their Major. Course status was changed from Major Requirements to elective to enrich student options. Course and upper-level electives prefix were deleted due to their less relevance to the emphasis area and other upper-level electives prefixes were added because they are more relevant to the emphasis area.

**From the most current electronic version of the bulletin, copy all bulletin pages that this proposal affects and paste it to the end of this proposal.**

**To copy from the bulletin:**

1. Minimize this form.
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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. |
| ~~AGST 3503, Agricultural Spatial Technologies I~~ | ~~3~~ |
| 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 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 3323, Weeds and Weed Control~~ | ~~3~~ |
| PSSC 4713, Soil Quality Assessment and Interpretation OR  PSSC 4853, Soil and Water Conservation OR  PSSC 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 |
| ~~TECH 4883, Work Center Management~~ | ~~3~~ |
| Upper-level electives in AGST, AGRI, PSSC | 6 |
| ~~Upper-level electives in TECH~~ | ~~3~~ |
| Sub-total | ~~55~~ 64 |
| **Total Required Hours:** | **120** |