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**Bulletin / Banner Change Transmittal 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.

Email completed proposals to curriculum@astate.edu for inclusion in curriculum committee agenda.

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**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Donald Kennedy | 2/20/2017 |

**Department Chair:**  |

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**Head of Unit (If applicable)**   |
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| Kim Pittcock | 2/17/2017 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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| Timothy N. Burcham | 2/20/2017 |

**College Dean** |

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

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**Vice Chancellor for Academic Affairs** |

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

Kim Pittcock, kpittcoc@astate.edu; 2847

**2.Proposed Change**

1. Add Fall to AGRI 2213, Genetic Improv. of Plants and Animals.

2. Frequency changes to courses in AGRI 4433, Organic Agriculture Production, from Fall to Spring.

**3.Effective Date**

Fall 2017

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

1. AGRI 2213 has to be taught every semester (Fall and Spring) due to the increase in student numbers .

2. Due to the deletion of 3 courses, the frequency and rotation of several of the remaining 17 courses which I am responsible for need to be adjusted.

**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.* |

**Agriculture (AGRI)**

**AGRI 1213. Making Connections in Agriculture** First semester freshman course centered around the skills and knowledge needed to be a successful ASU College of Agriculture student, including academic performance, problem solving, critical thinking, self management, university policies, issues, trends, and disciplines in agriculture. Fall.

**AGRI 2213. Genetic Improvement of Plants and Animals** Introduction to agriculturally important plant and animal traits and the methods used to incorporate these into favorable combinations. Fall, Spring.

**AGRI 2243. Feeding the Planet** Emphasizes the historical background, current and future social, political, environmental or economic implications for the use of natural resources for feeding the world population. Demand.

**AGRI 3233. Applied Agricultural Statistics** Collection, tabulation, and analysis of agricultural data, activities of the state and federal crop reporting services. Spring.

**AGRI 3723. Agricultural Connections, Technical Interpretation and Professional Applica­tions** Exercises to synthesize high quality technical information from multiple sources into different types of professional written and verbal presentations, using problem solving exercises. Analytical skills and interactive discussions are emphasized. Prerequisites, AGRI 1213, AGEC 1003, ANSC 1613, PSSC 1303 and PSSC 2813. Prerequisites or corequisites, AGRI 3233 or ECON 2113 or STAT 3233. Fall, Spring.

**AGRI 420V. Internships in Agriculture** Provides field based experience in private business, industry or public agencies which will enhance knowledge and skills needed for career advance­ment, approval of Internship Committee required. Spring, Fall, Summer.

**AGRI 4223. Agriculture and the Environment** This course will explore the complex and varied interrelationships of agriculture and the environment with the ultimate goal of identifying viable procedures to make agricultural programs more sustainable. Spring.

**AGRI 4523. Applied Modern Biotechnology** An introduction to the principles and the applica­tions of modern Biotechnology with emphasis on the applications of recombinant DNA technology to solve environmental and human health problems. The review of major biotechnology companies and bio-products is also included. Prerequisites, BIOL 2013 and 2011, CHEM 1052, BIOL 3013 and 3011 or AGRI 2213 or CHEM 4243 or related courses approved by the instructor. Dual-listed with AGRI 5523. Fall.

**AGRI 4233. Experimental Agricultural Statistics** Fundamental concepts of experimental and statistical methods as applied to agricultural research. Spring, even.

**AGRI 4433. Organic Agriculture Production** Principles and practices of organic production in plant and animal systems including: certification requirements, soil fertility, crop rotation, variety and breed selection, health management strategies, optimizing yield and quality, nutrition and feeding, ethical issues, processing, storage and marketing. Prerequisites, PSSC 1303 and ANSC 1613, or permission of instructor. Dual-listed with AGRI 5433. ~~Fall~~ Spring, odd.

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