To: Dean Van Galen, Chancellor  
116 North Hall  
University of Wisconsin-River Falls  

From: Wes Chapin, Chair  
Faculty Senate  
University of Wisconsin-River Falls  

August 31, 2012  

RE: UWRF Faculty Senate Motion 2012-13/22  

At the August 29, 2012 meeting of University of Wisconsin-River Falls Faculty Senate, motion 2012-13/22 was passed and it is effective immediately. This motion is forwarded to you for your action.  

Motion from the Academic Programs and Policies Committee (Steve Kelm, Chair) to approve the proposed program changes within the Agricultural Studies major. (Note, details are in the attached documents)  

Approved  

Disapproved  

Dean Van Galen, Chancellor  

Date
TRANSMITTAL for UNDERGRADUATE PROGRAMS: Changes or Proposals

INFORMATION

1. Program title: Agricultural Studies
2. Department(s): Agricultural Economics
3. College(s): Agriculture, Food, And Environmental Sciences
4. Proposal prepared by: Trechter Date: 4/1/2012

5. Check all that apply:
   □ New program
   □ Change in course name
   □ Change in Major
   □ Change in course content
   □ Existing program
   □ Change in number of credits
   □ Change in Minor
   □ Change in Emphasis/Option

6. Other Programs/Departments Consulted (Requires letters of support from all Departments or Programs substantially affected):
   1. Animal And Food Science
   2. Agricultural Engineering
   3. Plant And Earth Science
   4. Agricultural Education

7. Date of Implementation: Fall Semester 2012 Year

8. Have all courses in this program been approved? Yes □ No ☒ If “No,” which ones?

9. Attach Request Narrative. (Include description of program before and after proposed changes).

UNIT APPROVALS: Requires signatures of all Departments Chairs and Deans whose programs will be affected by the changes or proposal. Signature lines for the affected Departments and Colleges (Noted in 6 above), are on the back of this form. These signatures should be obtained prior to review by all other shared governance levels.

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<th>Department Chair</th>
<th>Signature</th>
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NOTE: The master copy of this transmittal and accompanying documents must be filed in the Provost’s office upon final approval. The Provost’s office will notify all appropriate administrative offices [Registrar, Dean(s), and Department Chair(s)] of approvals and necessary actions to implement changes.

Rev. 11/08
DEPARTMENT & COLLEGE APPROVAL SIGNATURES

Signature  Date
Department Chair  

College Curriculum Cmtt. Chair  Donavan H. Taylor  18 Apr 2012

Dean of College  

Signature  Date
Department Chair  

College Curriculum Cmtt. Chair  

Dean of College  

Signature  Date
Department Chair  

College Curriculum Cmtt. Chair  

Dean of College  

Rev. 11/08
TRANSMITTAL for UNDERGRADUATE PROGRAMS: Changes or Proposals

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Rev. 11/08
Ag Studies degree requirements

The intent of the proposed change to the agricultural studies major is to provide more depth within the core areas of crops/soils, livestock, agricultural engineering and agribusiness management, while retaining the breadth of coverage that is the hallmark of this program. We feel the new proposal also simplifies the program, making it easier for students to navigate.

The proposal moves one course (FDSC 110) from the required area and into the CAFES Foundation course array, expanding the Foundation requirements by 3 credits.

The proposal reduces the required areas from which courses must be chosen from 9 to 6. Instead of taking 1 course across the 9 categories, students will take three courses in 4 areas (agricultural business, engineering, animal science, and crops/hort/soils) and 1 course in 2 areas (ag education and food processing). We have dropped the requirement that ag studies students complete an organic chemistry course, a senior seminar, and 7 or more elective credits. Many of the students in this program expect to return to a family farm and the array of courses are intended to provide the practical tools and understandings needed to operate a modern farm successfully.

The proposal drops the requirement that a student complete a minor and, in its place, requires that they complete 15 additional credits in a technical area of agriculture or other related area with the consent of the department.

The proposal would not change the CAFES college requirement that students complete CHEM 120/121 or equivalent.

Total credits required to complete the major changes from 56 – 58 to 57 – 59 credits.

A comparison of the existing program and the proposed program is provided on the following page.
### Current Class Array
**CAFES Foundation Courses (required supporting)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Number</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Economics I</td>
<td>AGEC 230</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Animal Science</td>
<td>ANSC 111</td>
<td>3</td>
</tr>
<tr>
<td>Intro Hort/Plant Science</td>
<td>CROP/HORT 161</td>
<td>3</td>
</tr>
<tr>
<td>Ag and Envir Engineering Tech</td>
<td>AGEN 150</td>
<td>3</td>
</tr>
<tr>
<td>Intro Soils Science</td>
<td>SOIL 120</td>
<td>3</td>
</tr>
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</table>

**Total Foundation**: 15

**Agricultural Studies Major Required Courses**

*Total first major and first minor must total a minimum of 56 semester credits*

**34 Credits and a 2.25 major GPA are required**

1) Select one course (AGED 110, 201, 202) 3
2) Select one course (AGED 201, 206, 202) 3
3) Select one course (AGED 200, 205, 202, 203, 300, 302, 303, 305, 306, 307) 2-3
4) Select one course (ANSC 231, 257, 260) 3
5) Select one course (CROP 263, 266 HORT 169) 3

6) Select one course (SOIL 311, 440) 4
7) Select the following courses (FDSC 110, CHEM 230) 6
8) Seminar, select one course (ANSC 485 DASC 485 CROP 485 HORT 485 ESM 485 SOIL 485) 1
9) Electives (at least 7 credits are required) 7

**Total Required for Major**: 34

You must complete a minor or second major to satisfy your degree requirements. 22 - 24

**Total Required**: 56 - 58

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### Proposed Class Array
**CAFES Foundation Courses (required supporting)**

<table>
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<tr>
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<td>Intro Soils Science</td>
<td>SOIL 120</td>
<td>3</td>
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<tr>
<td>Science of Food</td>
<td>FDSC 110</td>
<td>3</td>
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</table>

**Total Foundation**: 18

**Agricultural Studies Major Required Courses**

**42-44 Credits and a 2.25 major GPA are required**

1) Select three ag business courses (AGED 305, 320, 335, 355, 360, 365) 9
2) Select one ag education course (AGED 202 or 230) 3
3) Select three ag engineering courses (GENG 235, AGEN 320, 325, 350, 363, 356) 9
4) Select three animal science courses (ANSC 115, 231, 232, 257) 9
5) Select three crop, horticulture and soil courses from 2 designators (CROP 263, 266, 267, 368, 468, HORT 169, 310, 327, 347, SOIL 311, 440) 9-11
6) Select one food processing course (AGED 352, FDSC 202, 302, ANSC/FDSC 238, 240) 3

Other courses may be substituted in items 1 - 6 with the consent of the department

**Total Required for Major**: 42-44

You must complete an additional 15 credits in one technical ag area or other related area with consent of department 15

**Total Required**: 57-59
Emails of support:

The Plant and Earth Science Department has reviewed the changes proposed for the Ag Studies Major and supports the proposed changes.

Don Taylor,
Plant and Earth Science Dept. Chair

The Department of Agricultural Education has reviewed the proposed changes to the Agricultural Studies major and supports the revisions.

Dr. James C. Graham
Dept. Chair – Agricultural Education

Hi David

The Agricultural Engineering Technology Department has reviewed the proposed changes to the Agricultural Studies major and supports the revisions.

Dean I. Olson
Agricultural Engineering Technology
University of Wisconsin - River Falls
410 S 3rd St
River Falls, WI 54022

David,

The Animal Science Department supports the proposed changes to the Agriculture Studies program with the following change: the ANSC courses for selecting three should include only 231, 232, and 257. Remove 260. The reasoning for this is that 231, 232, & 257 are prerequisites for all production courses within ANSC. If AGST students decide on an ANSC focus for their 15 credits of electives, we would expect them to take at least one production course. If they have already taken the three prerequisites, then this becomes a clean process.

Gary
Email sent from Karl Peterson:

Dear Marshall, Wes, Steve and David

Attached you will find a memo from the Chemistry Department regarding the proposed changes to the Agricultural Studies program that were considered by the AP&P Committee on Wednesday, May 2, 2012. The memo is meant to express our dissatisfaction with the process that allowed for provisional approval of the program changes without the required consultations, and also to provide the consultation that was requested by AP&P as part of the provisional approval. I believe that the program changes are on the agenda for the June meeting of the Faculty Senate.

Please let me know if you have any questions.

Sincerely,

Karl

Karl P. Peterson, Chair
Department of Chemistry
University of Wisconsin-River Falls
715-425-3523

Attached memo follows on next page
May 15, 2012

Dear Marshall Toman, Wes Chapin, Steve Kelm and David Trechter,

I am writing to express the Department of Chemistry’s disappointment in the provisional approval of the proposed changes to the Agricultural Studies program by the AP&P Committee on Wednesday, May 2, 2012.

The proposal removes the requirement of CHEM 230: General Organic Chemistry from the Agricultural Studies program. The Chemistry Department was not consulted prior to this proposal having been considered by the AP&P Committee, as required on the transmittal form for undergraduate program changes. We believe that the proposal should have been sent back to the Agricultural Studies Program to obtain the proper consultation prior to being considered by the AP&P Committee.

CHEM 230 enrolled 979 students in the eight academic years from 2004-05 to 2011-12 with an average of 122 students taking CHEM 230 per academic year. The Chemistry Department currently offers two sections of CHEM 230 in a fall semester and one section in a spring semester. The Agricultural Studies and Agricultural Engineering Technology programs make up 13.5% of the CHEM 230 enrollment over that time period. At this time, the Chemistry Department does not know what proportion of the 13.5% is from the Agricultural Studies program. The proposed changes will likely reduce the annual enrollment in CHEM 230 by 10-16 students per year.

The Agricultural Studies program graduates between 12-18 students per year for the five academic years between Fall 2006 and Spring 2011 with an average of 15 graduates per year. This appears to be consistent with our CHEM 230 enrollment data.

| Agricultural Studies Graduates by Academic Year |
|-------------------|------|
| 2010-11           | 17   |
| 2009-10           | 12   |
| 2008-09           | 12   |
| 2007-08           | 18   |
| 2006-07           | 15   |

Based on this data, the decrease in enrollment in CHEM 230 resulting from the proposed changes to the Agricultural Studies program will not likely change our schedule for offering CHEM 230. This decrease does, however, take us closer to a threshold for considering offering two sections of CHEM 230 each year, rather than three. The Chemistry Department will closely monitor the enrollments in CHEM 230 after the implementation of this program change.

The Department of Chemistry can appreciate that this program change was being considered during the last week of the semester and two days prior to the last meeting of the year for the AP&P Committee. We do, however, believe that established academic policies should be followed, irrespective of timing pressures, and that programs should not be rewarded with provisional approval for having not followed the approved policies for making program changes.

Sincerely,

Karl P. Peterson
Karl P Peterson, Chair
Department of Chemistry