March 3, 2016

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

From: James Graham, Chair  
    Faculty Senate  
    University of Wisconsin-River Falls

Re: UWRF Faculty Senate Motion 2015-16/55

The following motion was approved unanimously by the Faculty Senate on March 2, 2016:

A motion from the Academic Programs and Policies Committee (Mialisa Moline, Chair) to approve revisions to the minor in Crop Science program.

✓ Approved

Disapproved

Dean Van Galen, Chancellor  
3/3/16  
Date
TRANSMITTAL for UNDERGRADUATE PROGRAMS:
Changes or Proposals

I. INFORMATION:

1. Program Title: Crop and Soil Science (Crop Science Minor)
2. Department(s): Plant and Earth Science Department
3. College(s): CAFES
4. Proposal prepared by: Donavon Taylor Date: 8 Sep 2015
5. Check all that apply
   - [ ] New program
   - [ ] Existing program
   - [ ] Change in course name
   - [ ] Change in number of credits
   - [ ] Change in major
   - [ ] Change in minor
   - [ ] Change in course content
   - [ ] Change in emphasis/option

6. Other Programs/Departments Consulted (Requires letters of comment from all Departments or Programs substantially affected):
   - a.) Ag Education
   - b.) Ag Eng Tech
   - c.) Ag Economics
   - d.) Animal Science

7. Catalog year (and semester) of Implementation:
   - Semester Spring Year 2016

8. Have all courses in this program been approved? Yes [ ] No [ ]
   If “No” which courses have not been approved?

9. Attach Request Narrative
   Include in narrative on attached pages a rationale for the requested changes or creation of program.
   Include clarification concerning any courses that have not yet been approved. If requesting a program change also include a listing of course array for both the current and proposed program.

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

   Department Curriculum Committee Chair (optional)
   [Signature]
   [Date]

   Department/Program Chair
   [Signature]
   [Date]

   College Curriculum Committee Chair
   [Signature]
   [Date]

   Dean of College
   [Signature]
   [Date]

   University Curriculum Cmte. Chair
   [Signature]
   [Date]

   Academic Policy & Program Cmte. Chair
   [Signature]
   [Date]

   Faculty Senate Chair
   [Signature]
   [Date]

   Provost / Vice Chancellor
   [Signature]
   [Date]

   Chancellor
   [Signature]
   [Date]

*NOTE: The master copy of this transmittal & 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), Department Chair(s)] of approvals & necessary actions to implement changes.

Revised December 2012
The Plant and Earth Science Department proposes changing the curriculum of the Crop Science Minor. We feel the current curriculum is overly restrictive in specifying particular courses and somewhat out-of-date. One course, CROP 260, is now a 3-credit course rather than a 2-credit course. The new curriculum provides significantly greater flexibility for students and requires a total of 21 credits rather than the previous 24. We believe the proposed curriculum will still provide students a critical base agronomic knowledge, applied information and experiences tailored more closely to their area of interest. The current and proposed changes to the minor are shown below. Curricular changes are shown in red.

<table>
<thead>
<tr>
<th>Current Crop Science Minor</th>
<th>Proposed Crop Science Minor</th>
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<tbody>
<tr>
<td><strong>Minor Requirements 24 Total Credits</strong></td>
<td><strong>Minor Requirements 21 Total Credits</strong></td>
</tr>
<tr>
<td><strong>Required Courses: 18 cr. hrs.</strong></td>
<td><strong>Required Courses: 3 cr. hrs.</strong></td>
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<tr>
<td>CROP 161 Introduction to Plant Science 3 cr.</td>
<td>CROP 161 Introduction to Plant Science 3 cr.</td>
</tr>
<tr>
<td>CROP 260 Plant and Seed Identification 2 cr.</td>
<td>Select 18 credits from:</td>
</tr>
<tr>
<td>CROP 263 Forage Crop Production 3 cr.</td>
<td>AGEN 363 Precision Agriculture Tech. 3 cr.</td>
</tr>
<tr>
<td>CROP 266 Corn and Soybean Prod. 3 cr.</td>
<td>CROP 257 Genetics 3 cr.</td>
</tr>
<tr>
<td>SOIL 120 Introduction to Soil Science 3 cr.</td>
<td>CROP 260 Plant &amp; Seed Identification 3 cr.</td>
</tr>
<tr>
<td>SOIL 311 Soil Fertility 4 cr.</td>
<td>CROP 263 Forage Crop Production 3 cr.</td>
</tr>
<tr>
<td><strong>Directed Electives 4 cr. Hrs.</strong></td>
<td>CROP 266 Corn &amp; Soybean Production 3 cr.</td>
</tr>
<tr>
<td>(consult with crop science faculty for courses)</td>
<td>CROP 267 Small Grains 3 cr.</td>
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<td></td>
<td>CROP 270 or CROP 370 Internship 2-4 cr.</td>
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<td>CROP 345 Weed Control 3 cr.</td>
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<td>CROP 363 Pasture Production 2 cr.</td>
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<td>CROP 368 Sustainable Agriculture 3 cr.</td>
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<td>CROP 410 Plant Breeding 3 cr.</td>
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<td>CROP 435 Crop Physiology 4 cr.</td>
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<td>CROP 451 Integrated Pest Management 3 cr.</td>
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<td></td>
<td>CROP 468 Organic Agron. Production 3 cr.</td>
</tr>
<tr>
<td></td>
<td>SOIL 311 Soil Fertility 4 cr.</td>
</tr>
</tbody>
</table>
Received by email from David Trechter, Chair of Ag Economics Department, on September 28, 2015:

Hi Don,

At our meeting last week the Ag Economics Department discussed the proposed changes to your Crops and Soils major, Crop Minor, Soils Minor and Sustainable Ag Minor. We have no objections to your proposed changes.

David

Received by email from Joe Shakal, Chair of Ag Engineering Technology Department, on September 30, 2015:

Don,

We support the Crops & Soils major/minor changes outlined here.

Thanks

Joe

Joseph Shakal, Ph.D.
Associate Professor and Department Chair
Agricultural Engineering Technology
University of Wisconsin-River Falls
410 S 3rd St. River Falls, WI 54022
TEL: 715-425-3985
Received by email from James Graham, Chair of Agricultural Education Department, on October 22, 2015

Don,

The Agricultural Education Department supports the Change to the Crops & Soil Science Major, the change to the Crop Science Minor and the change to the Soil Science minor.

Jim

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