Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>DS 312</td>
<td>Dairy Cattle Breeding and Evaluation</td>
<td>4</td>
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<tr>
<td>DS 312L</td>
<td>Dairy Cattle Breeding and Evaluation Lab</td>
<td>0</td>
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Course Description: Evaluation, selection, and breeding of dairy cattle based on pedigrees, genotypes, production records, type classification, and sire analysis. Discussion and practice of the fundamental aspects of evaluation based on records and type. Practice decision making and developing genetic management plans for individual cows and a dairy herd. Discussion of major dairy breeds including their predominant characteristics and specific aspects of breeding management. Discussion of reproductive technologies used to transfer and improve dairy cattle genetics.

Co-requisites: DS 312L-312.

Section 2. Review of Course

Will this be a common or unique course? (select the appropriate option below)

X This course will be a unique course. (Go to Section 3.)

Section 3. Other Course Information

1. Are there instructional staffing impacts?

X No. Replacement of DS 212 Dairy Cattle Evaluation (2) and DS 411-411L Dairy Breeds and Breeding & Lab(3) which is being deleted. Effective date of deletion: Fall 2015

The new course will result in an overall reduction of 1 credit from the teaching workload of the faculty.

2. Existing program in which course will be offered: Dairy Science

3. Proposed instructional method: DS 312: R- Lecture     DS 312L: L - Laboratory

Provide a brief justification: This course requires access to a dairy farm facility for examination of cattle to determine traits and type classifications.

4. Proposed primary delivery: 001 - Face-to-face

5. Term in which change will be effective: Fall 2015

6. Can this course be repeated for additional credit? No

7. Will the grade for this course be limited to S/U (pass/fail)?

X Yes    No

8. Will section enrollments be capped? No

9. Will this course be equated (i.e. considered the same course for degree completion) with any other unique or common course in the course database?

X Yes    No

10. Is this prefix already approved for your university?

X Yes    No

Section 4. To be completed by Academic Affairs

1. University department code: SDS

2. Proposed CIP code: 01.0905

Is this a new CIP code for this university?    X Yes    No