SOUTH DAKOTA BOARD OF REGENTS
New Course Request

SDSU
Institution
Animal Science
Division/Department
Laurie Stenberg Nichols
Institutional Approval Signature
3/27/2012
Date

Section 1. Course Title and Description

If the course contains a lecture and laboratory component, identify both the lecture and laboratory numbers (xxx and xxxL) and credit hours associated with each. Provide the complete description as it will appear in the system common or unique database, including pre-requisites, co-requisites, and registration restrictions.

Prefix & No. Course Title Credits
AS 203 L Basic Swine Science Lab 1

Course Description: Basic application of concepts presented in basic swine science course. Including: artificial insemination; handling; semen collection; health and biosecurity; financial analysis; pig flow; buildings and ventilation; and feed management. This will be an on-site course.

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, schedule management. Explain: Teaching loads in the department will be managed to allow this course to be taught.

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

3. Proposed instructional method: L - Laboratory

(may be found at http://www.sdbor.edu/administration/academics/aac/guidelines.htm)

Provide a brief justification: Will include active, hands-on learning activities that can best be done in a laboratory setting.
4. Proposed primary delivery: 001 – Face-to-Face, term-based instruction
   (may be found at http://www.sdbor.edu/administration/academics/aac/guidelines.htm)

5. Term in which change will be effective: Summer 2012

6. Can this course be repeated for additional credit?
   ______ Yes, total credit limit: _______ X No.

7. Will the grade for this course be limited to S/U (pass/fail)?
   ______ Yes ______ X No

8. Will section enrollments be capped?
   ______ X Yes, maximum per section 20 _______ 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?
   ______ Yes ______ X No

10. Is this prefix already approved for your university?
    ______ X Yes ______ No

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Section 4. To be completed by Academic Affairs

1. University department code: SAS

2. Proposed CIP code: 010901
   ______ X No
NEW COURSE REQUEST  
Supporting Justification for On-Campus Review

<table>
<thead>
<tr>
<th>Dr. Bob Thaler</th>
<th>Request Originator</th>
<th>1-29-12</th>
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<tr>
<td>Signature</td>
<td>Date</td>
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<tr>
<td>Dr. Clint Rusk</td>
<td>Department Chair</td>
<td>1-25-2012</td>
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<td>Signature</td>
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<td>Dr. Don Marshall</td>
<td>School/College Dean</td>
<td>2/21/2012</td>
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1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.

The pork industry of today looks much different than the pork industry of ten years ago. Pork operations are larger and much more technologically advanced than their counterparts. This new industry needs employees who are educated in pork production systems and have a strong background in swine science.

In 2012, there are about 660 students enrolled in swine production in the nation’s universities compared to over 900 just five years ago. This is a reflection not of demand, but rather availability because during this time 12 four-year agricultural schools in 11 states dropped swine education from their curriculum. Because of the decline, in both educational opportunities and the number of students taking swine production courses, employers in the pork industry are finding it difficult to find academically educated individuals to fill open positions within their organizations.

Offering this course will enhance the Animal Science curriculum by providing SDSU students with an opportunity to take a course not offered on campus.

2. Note whether this course is:  
   Required   
   Elective  

3. In addition to the major/program in which this course is offered, what other majors/programs will be affected by this course?
   Tom J. Baas, Professor of Animal Science, Iowa State University  

4. If this will be a dual listed course, indicate how the distinction between the two levels will be made.
   NA

5. Desired section size  
   20

6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).
   This course will be taught by faculty at other institutions of higher education. Faculty invited to teach the proposed course are selected based on their teaching qualifications and reputations as undergraduate instructors.

7. Note whether adequate facilities are available and list any special equipment that will be needed for the course.
   Students must have access to a computer in order to participate in this course.

8. Note whether adequate library and media support are available for the course. Yes, adequate support is available.

9. Will the new course duplicate courses currently being offered on this campus?
   Yes   
   No

10. If this course may be offered for variable credit, explain how the amount of credit at each offering is to be determined. N/A

COURSE FORM #5
Updated 03/2007