UNIVERSITY OF KENTUCKY
APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR & MINOR

1. Submitted by College of Agriculture ___________________________ Date 10/22/2003
Department/Division offering course Animal Sciences

2. Changes proposed:
   (a) Present prefix & number ASC 408G Proposed prefix & number ASC 408G
   (b) Present Title Swine Science New Title Swine Production
   (c) If course title is changed and exceeds 24 characters (including spaces), include a sensible title (not to exceed 24 characters) for use on transcripts:

3. (d) Present credits: 3 Proposed credits: 2
   (e) Current lecture: laboratory ratio 2hr:2hr Proposed: 1hr:2hr
   (f) Effective Date of Change: (Semester & Year) Fall 2004

3. To be Cross-listed as: ___________________________ Signature: Department Chair

4. Proposed change in Bulletin description:
   (a) Present description (including prerequisite(s):
       A study of scope and importance of the swine industry. The application of the principles of selection, reproductive physiology, breeding, nutrition, housing, environment, and management to the modern production of swine. Prereq: ASC 380, ASC 362, ASC 364 and ASC 380 or consent of instructor.

5. New description:
   A study of scope and importance of the swine industry. Application of principles of breeding, reproduction, nutrition, housing, health, and management of swine in modern production systems.

6. Prerequisite(s) for course as changed: ASC 101, 102, 378

5. What has prompted this proposal?
   A 2-hour course better fits the new curriculum requirements for an Animal Sciences major.

6. If there are to be significant changes in the content or teaching objectives of this course, indicate changes:
   None

7. What other departments could be affected by the proposed change?
   None

8. Is this course applicable to the requirements for at least one degree or certificate at the University of Kentucky? ☑ Yes ☐ No

9. Will changing this course change the degree requirements in one or more programs?*
   If yes, please attach an explanation of the change.*
   ☑ Yes ☐ No

10. Is this course currently included in the University Studies Program?
    If yes, please attach correspondence indicating concurrence of the University Studies Committee.
    ☑ Yes ☐ No

11. If the course is a 100-200 level course, please submit evidence (e.g., correspondence) that the Community College System has been consulted.

*NOTE: Approval of this change will constitute approval of the program change unless other program modifications are proposed.
UNIVERSITY OF KENTUCKY
APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR & MINOR

12. Is this a minor change? □ Yes ☑ No
   (NOTE: See the description on this form of what constitutes a minor change. Minor changes are sent directly from the Dean of the College to the Chair of the Senate Council. If the latter deems the change not to be minor, it will be sent to the appropriate Council for normal processing.)

13. Within the Department, who should be consulted for further information on the proposed course change?
   Name: Dr. Gary L. Cromwell
   Phone Extension: 7-7534

Signatures of Approval:

_________________________________   _____________________________
Department Chair                      Date

_________________________________   _____________________________
Dean of the College                    Date

UNDERGRADUATE COUNCIL

**Undergraduate Council

**Graduate Council

**Academic Council for the Medical Center

**Senate Council

Date of Notice to University Senate

3-28-05

**If applicable, as provided by the Rules of the University Senate.

ACTION OTHER THAN APPROVAL

*********

The Minor Change route for courses is provided as a mechanism to make changes in existing courses and is limited to one or more of the following:

a. change in number within the same hundred series;
b. editorial change in description which does not imply change in content or emphasis;
c. editorial change in title which does not imply change in content or emphasis;
d. change in prerequisite which does not imply change in content or emphasis;
e. cross-listing of courses under conditions set forth in item 3.0;
f. correction of typographical errors. [University Senate Rules, Section III - 3.1]

Rev 8/02
January 30, 2005

To: Dr. Phil Kraemer  
Undergraduate Council

From: Dr. Mike Mullen  
Associate Dean for Academic Programs

Re: Animal Science Degree Program

Attached is an extensive proposal for revising the Animal Science BS Degree Program. This proposal has been approved by the College of Agriculture Undergraduate Curriculum Committee. Detailed overview of the changes are listed in the Notice to Faculty letter and Letter of Transmittal in the front of the proposal package.

Thank you.
ASC 408G
Swine Science
(2 Credit Hours)

Description: A study of the scope and importance of the swine industry and the application of the principles of selection, breeding, reproduction, nutrition, housing, environment, health, and general management to present-day swine production.

Learning Outcomes: Upon completion of this course, students should be able to:
1) describe the scope and importance of the swine industry in the United States
2) formulate diets that meet the nutrient requires of all production stages
3) describe the principles of management of pigs and sows on a swine farm

Time:
Tuesday Lecture 1:00-2:00 am A6 Ag Sci North
Thursday Lecture 1:00-2:00 pm A6 Ag Sci North
or Lab 1:00-3:30 pm TBA

Instructors:
Dr. Gary Cromwell 609 W. P. Garrigus Bldg. 257-7534
gcromwel@uky.edu

Assistant:
Mr. Jim Monegue Swine Research Farm 873-6587 x168
jmonegue@uky.edu

Outline:
Role of Pigs and Pork in the World
History and Trends of Swine Production in the USA
Characteristics of Swine
Breeds of Swine
Swine Breeding Systems
Reproductive Characteristics of Swine
Reproductive Management
Principles of Swine Nutrition
Feeding Programs for Swine
Environment-Friendly Feeding
Overall Swine Management
Swine Housing
Biosecurity and Herd Health
Diseases and Parasites of Swine
Manure Management
Marketing

Includes updated fact sheets that are mailed free of charge to your home address for the next three years.
CD-ROM copy: $50.00
To order, make check to "Purdue University" and give to Dr. Cromwell by Sept. 4.
Reading assignments from internet web sites.
Current issues of National Hog Farmer and Pork
Labs: Labs will be in classroom, at Swine Research Farm – Woodford Co, in Ag College computer lab, and field trips.

Note: Swine research farm – students must not have had contact with pigs for 48 hours.

A 2-day, overnight field trip to the Pig Improvement Company (PIC) and commercial hog farms in central/western Kentucky will be scheduled toward the middle or end of the semester.

Attendance Policy: Two unexcused absences are permitted during the semester. Each additional unexcused absence will reduce the final grade average by two points.

Grading System: Hourly Exams (2) and Final Reports/Class Activity 65-75% of total

Grading Scale: Percent of total:

90-100  A
80-89   B
70-79   C
65-69   D
<65    Fail