

**ADD, CHANGE OR DELETE UNIT, PROGRAM REQUIREMENTS, OR ACADEMIC POLICIES**

Complete this form consistent with the instructions in Academic Policy 1622.20. Use the form to add, change, or delete a program or unit or to change program policies. Proposed additions and changes must be consistent with Academic Policies 1100.40 and 1621.10 and any other policies which apply.

**SECTION I: Approvals**

Department / Program Chair _____	Date Submitted _____	Graduate Council Chair _____	Date _____
College Dean _____	Date _____	Faculty Senate Chair _____	Date _____
Honors College Dean _____	Date _____	Provost _____	Date _____
Core Curriculum Committee _____	Date _____	Board of Trustees Approval/Notification Date _____	
University Course and Programs Committee _____	Date _____	Arkansas Higher Education Coordinating Board Approval/Notification Date _____	

**SECTION II: Profile Data - Required Information and Name Change Information**

Academic Unit:       Major/Field of Study       Minor       Other Unit \_\_\_\_\_  Policy

Level:                 Undergraduate       Graduate       Law      Effective Catalog Year Fall, 2013

Program changes are effective with the next available catalog. See Academic Policy Series 1622.20

Current Name                BSA, Animal Science

College, School, Division AFLS

Department Code ANSC

Current Code (6 digit Alpha) ANSCBS

Proposed Code (6 digit Alpha) \_\_\_\_\_  
Prior approval from the Office of the Registrar is required.

Interdisciplinary Program

CIP Code **01.0901**  
Prior assignment from Office of Institutional Research is required.

Proposed Name \_\_\_\_\_  
When a program name is changed, enrollment of current students reflects the new name.

**SECTION III: Add a New Program/Unit**

For new program proposals, complete Sections II and VII and use as a cover sheet for a full program proposal as described in 'Criteria and Procedures for Preparing Proposals for New Programs in Arkansas.' ADHE  
[http://www.adhe.edu/divisions/academicaffairs/Pages/aa\\_academicproposals.aspx](http://www.adhe.edu/divisions/academicaffairs/Pages/aa_academicproposals.aspx)

Program proposal uses courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_

**SECTION IV: Eliminate an Existing Program/Unit**

Code/Name \_\_\_\_\_ Effective Catalog Year \_\_\_\_\_

No new students admitted to program after Term: \_\_\_\_ Year: \_\_\_\_\_  
Allow students in program to complete under this program until Term: \_\_\_\_ Year: \_\_\_\_\_

**SECTION V: Proposed Changes to an Existing Program or Program Policies**

Insert here a statement of the exact changes to be made: **Changes are being made to the Communication intensive course requirement and in the number of general elective hours for the ANSC BS degree program to conform to changes in College requirements and to achieve compliance with requirements of ACT 747 to reduce the total hour requirement for the BS degree**

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: \_\_\_\_\_

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

### **SECTION VI: Justification**

*Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)*

**Changes in the Bumpers College Curriculum and mandated requirements of Arkansas ACT 747 make these changes necessary. After a full review of the requirements of the BS degree in Animal Science, departmental faculty have determined that the degree program and students in the program will be best served by reducing the number of general electives in the program by 4 hours. This option will still allow student opportunity to obtain a minor within the 120 total credit hour limit and will also allow preprofessional school students to meet professional school admission requirements within the 120 hour limit. We also are adding ANSC 4303 to our list of Animal Science Electives. This is a course that will give competitive advantage for our pre-professional students.**

### **SECTION VII: Catalog Text and Format**

*In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.*

**Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:**

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

**For minors, state requirements in terms of hours, required courses, electives, etc.**

**For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.**

**For Law School program/units, prepare text consistent with current catalog style.**

**For centers, prepare text consistent with current catalog style.**

The animal science major is designed to provide the scientific and technical education to prepare students for positions of leadership and responsibility. Students gain valuable experience pertaining to the production of beef and dairy cattle, swine, horses, sheep, and companion animals. In addition, extensive study is offered in the specialized areas of animal health, breeding and genetics, meat science, nutrition, and physiology.

processing and distribution of meat, milk, and related products. Additional opportunities include field persons, farm and herd managers, and other agribusiness-related positions. With additional academic training, animal science majors may become extension livestock specialists, nutritionists, geneticists, and physiologists.

Students should consult an animal science adviser for specific course selections in the elective areas. With appropriate advising, students have an opportunity to complete at least one minor within the 124-120-hour degree program.

#### Requirements for a Major in Animal Science (ANSC)

State minimum core and discipline specific general education requirements:  
(Course work that meets state minimum core requirements is in **bold**.)

##### Communications (6-12 hours)

\_\_ Choose from **English Core** courses (6 hours)

\_\_ **COMM 1313 Public Speaking**

\_\_ Communication Intensive Elective (**See adviser for 6 hours from approved list.**)

##### History or Government (3 hours)

\_\_ Choose from **U.S. History or Government Core** courses

##### Mathematics (3 hours)

\_\_ Choose from **MATH Core** courses

##### Sciences (16 hours)

\_\_ **BIOL 1543/1541L** Principles of Biology and lab

\_\_ BIOL 2013/2011L General Microbiology and lab

\_\_ **CHEM 1073/1071L** Fundamentals of Chemistry and lab or

\_\_ **CHEM 1123/1121L** University Chemistry II and lab

\_\_ CHEM 2613/2611L Organic Physiological Chemistry and lab or

\_\_ CHEM 3603/3601L Organic Chemistry I and lab

##### Fine Arts and Humanities (6 hours)

\_\_ Choose from **Fine Arts, Humanities Core** courses

##### Social Sciences (9 hours)

\_\_ Choose from **Social Sciences Core** courses

##### ANSC Requirements (22 hours)

\_\_ ANSC 1001L Introductory Animal Sciences Laboratory

\_\_ ANSC 1032 Introductory Animal Sciences

\_\_ ANSC 1041 Introduction to Companion Animal Industry or

ANSC 1051 Introduction to the Livestock Industry

\_\_ ANSC 2252L Introduction to Livestock and Meat Evaluation

\_\_ ANSC 2781 Career Preparation and Development

\_\_ ANSC 3133 Animal Breeding and Genetics

\_\_ ANSC 3143 Principles of Animal Nutrition

\_\_ ANSC 3433 Fundamentals of Reproductive Physiology

Choose 6 hours from the following:

\_\_ ANSC 4252 Cow-Calf Management

\_\_ ANSC 4262 Swine Production

\_\_ ANSC 4272 Sheep Production

\_\_ ANSC 4283 Horse Production

\_\_ ANSC 4452 Milk Production

\_\_ ANSC 4482 Companion Animal Management

\_\_ ANSC 4652 Stocker-Feedlot Cattle Management

##### Animal Science Electives (Choose 13 hours):

\_\_ ANSC 3003 Applied Animal Parasitology

\_\_ ANSC 3013 Parasitisms of Domesticated Non-Herbivores

\_\_ ANSC 3032 Animal Physiology I

\_\_ ANSC 3042 Animal Physiology II

\_\_ ANSC 3123 Principles of Genetics

\_\_ ANSC 3152/3151L Applied Animal Nutrition and lab

\_\_ ANSC 3333 Diseases of Livestock

\_\_ ANSC 3613 Meat Science

\_\_ ANSC 4303 **Comparative Veterinary Anatomy**

##### Discipline-related Electives (Choose 16 hours)

\_\_ ANSC 2003 \_\_ ANSC 2213 \_\_ ANSC 2304

\_\_ ANSC 3282 \_\_ ANSC 3291 \_\_ ANSC 3723

\_\_ ANSC 3822 \_\_ ANSC 400V \_\_ ANSC 401V

\_\_ ANSC 410V \_\_ ANSC 4291 \_\_ AGEC 1103

\_\_ AGEC 2103 \_\_ AGEC 2303 \_\_ AGME 2903

\_\_ BIOL 1601L \_\_ BIOL 1603 \_\_ BIOL 2531L

\_\_ BIOL 2533 \_\_ CSES 1203 \_\_ CSES 2013

\_\_ CHEM 1101L \_\_ CHEM 1103 \_\_ CHEM 1121L

\_\_ CHEM 1123 \_\_ CHEM 2261L \_\_ CHEM 2263

\_\_ FDSC 2503 \_\_ PHYS 2011L \_\_ PHYS 2013

\_\_ PHYS 2031L \_\_ PHYS 2033 \_\_ POSC 2353

\_\_ POSC 3554 \_\_ WCOB 1012 \_\_ WCOB 1023

General Electives (23-30 20-26 hours)

+24 120 Total Hours

### Animal Science B.S.A.

#### Eight-Semester Degree Program

Students wishing to follow the degree plan should see page 41 in the Academic Regulations chapter for university requirements of the program.

#### Fall Semester Year 1

- 1 ANSC 1001L Intro to Animal Science Lab
- 2 ANSC 1032 Intro to Animal Sciences
- 1 ANSC 1041 Intro to Companion Animal Industry or ANSC 1051 Intro to Livestock Industry
- 3 ENGL 1013 Composition I unless exempt
- 3 MATH 1203 College Algebra or higher level math
- 4 BIOL 1543/1541L Principles of Biology and lab
- 14 Semester hours

#### Spring Semester Year 1

- 2 ANSC 2252L Intro to Livestock & Meat Evaluation
- 3 ENGL 1023 Composition II unless exempt
- 3 Fine Arts/Humanities University Core Elective
- 3 Social Sciences University Core Elective
- 3 Discipline-related Elective as AFLS Broadening Elective
- 3 General Elective
- 17 Semester hours

#### Fall Semester Year 2

- 1 ANSC 2781 Career Preparation & Development
- 3 ANSC 3433 Fundamentals of Reproductive Physiology
- 4 CHEM 1073/1071L Fundamentals of Chemistry and lab or CHEM 1123/1121L University Chemistry II and Lab
- 3 COMM 1313 Public Speaking 3 hours from List of communication intensive courses
- 3 History University Core Elective
- 14 Semester hours

#### Spring Semester Year 2

- 3 ANSC 3133 Animal Breeding & Genetics
- 3-4 CHEM 2613/2611L Organic Physiological Chemistry or CHEM 3603/3601L Organic Chemistry I and Lab
- 3 General Elective
- 3 Fine Arts/Humanities University Core Elective
- 3 Discipline-related Elective as AFLS Broadening Elective
- 15-16 Semester hours

#### Fall Semester Year 3

- 5 Animal Science Electives
- 3 Communication Intensive Elective from an approved course list.
- 4 BIOL 2013/2011L General Microbiology and lab
- 3-4 Social Science University Core Elective or CHEM 3603/3601L Organic Chemistry I and Lab
- 2 Discipline-related Elective
- 17-18 Semester hours

#### Spring Semester Year 3

- 5 Animal Science Electives
- 3 ANSC 3143 Principles of Animal Nutrition
- 3 Social Science University Core Elective
- 3 Discipline-related Elective as AFLS Broadening Elective
- 3 General Elective
- 17 Semester hours

#### Fall Semester Year 4

- 3 Animal Science Elective
- 2-4 ANSC Production/Management Elective
- 6-9 General Electives
- 11-16 Semester hours

#### Spring Semester Year 4

- 2-4 ANSC Production/Management Elective
- 5 Discipline-related Electives
- 6-8 General Electives
- 13-17 Semester hours
- +24 120 Total Hours

## SECTION VIII: Action Recorded by Registrar's Office

DGRE \_\_\_\_\_

PGCT \_\_\_\_\_

OFFC&CRTY VALID \_\_\_\_\_

REPORTING CODES

PROG. DEF. \_\_\_\_\_

REQ. DEF.

Initials \_\_\_\_\_

Date \_\_\_\_\_

**Distribution**

Notification to:

(1) College  
(7) Treasurer

(2) Department  
(8) Undergraduate Program Committee

(3) Admissions

(4) Institutional Research

(5) Continuing Education

(6) Graduate School

5/12/08