

ATTACHMENT 1G

Academic Policy Series

1622.20A

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: X Major/Field of Study Minor Other Unit Policy
Level: X Undergraduate Graduate Law Effective Catalog Year 2012

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

Current Name BSA, Poultry Science

College, School, Division AFLS Department Code POSC

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

Interdisciplinary Program CIP Code 01.0907
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

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: The Poultry Science faculty has recommended the addition of several POSC courses. This has required a reallocation of hours. We have changed our degree check sheet (see attached) to reflect the recommended course additions.**\_\_\_\_\_

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.)*

**Our faculty felt that the addition of specific course content would better prepare our students for more advanced poultry courses. This impacted our core requirements. In addition, we felt it was important to make adjustments in our poultry curriculum. No changes made impacted other degree programs. These changes will not lead to elimination of any other program. It is simply modernization of our degree.**

### **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.**

### **POULTRY SCIENCE (POSC)**

Michael T. Kidd  
Head of the Department  
0114 Poultry Science Center

479-575-4952

<http://www.poultryscience.uark.edu/>

#### FACULTY

- University Professors Chapman, Waldroup (P.W.)
- Professors Anthony, Bottje, Clark, Coon, Donoghue (D.), Erf, Goodwin, Hargis, Kidd, Kuenzel, Li, Marcy, Ricke, Slavik, Watkins, Wideman
- Research Professors Donoghue (A.), Huff (G.), Huff (W.), Rath
- Adjunct Professors Bristor, Haggard, Keck, Plue, Rhoads, Rosen, Steelman, Waldroup (A.), Zelenka
- Associate Professors Bramwell, Kwon, Owens
- Adjunct Associate Professors Story, Meullenet
- Assistant Professor Kong
- Adjunct Assistant Professors Bacon, Blair, Breeding, Cook, Davis, Fussell, Smith
- Adjunct Research Assistant Professor Pumford

A major in poultry science is designed to provide the scientific and technical education to prepare students for positions of leadership and responsibility in the expanding fields of production, processing, marketing, and distribution of meat, eggs, and related poultry products. The curriculum also prepares students for career opportunities in specialized areas of nutrition, breeding, genetics, physiology, management, food science, immunology, and disease.

Elective hours allow students to select a minor and thus personalize their degree.

Elective hours can also be used to emphasize areas of business, production, processing or science. Pre-veterinary medicine, pre-medical, or pre-pharmacy requirements may be fulfilled while meeting degree requirements.

Curricula are designed to permit the student to obtain the necessary foundation to pursue graduate study for the master's and doctoral degrees. Advanced degrees are offered but not limited to the areas of nutrition, genetics, physiology, product technology, and poultry health.

#### Requirements for a Major in Poultry Science (POSC)

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 (3 hours) See adviser

U.S. History and Government (3 hours)

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

Mathematics and Statistics (6-7 hours)

\_\_\_ Choose **MATH Core** course

\_\_\_ AGEC 2403 Quantitative Tools for Agribusiness or STAT 2303 Principles of Statistics or AGST 4023 Principles of Experimentation

Sciences (17-24 hours)

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

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

Choose either:

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

**or**

\_\_\_ **CHEM 1103/1101L** University Chemistry I and lab **and**

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

Choose either:

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

**or**

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

CHEM 3613/CHEM 3611L Organic Chemistry II and lab

Fine Arts and Humanities (6 hours)

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

Social Sciences (9 hours)

\_\_\_ **AGEC 1103** Principles of Agricultural Microeconomics or **ECON 2023** Principles of Microeconomics

Choose **Social Sciences Core** courses (6 hours)

#### **POULTRY SCIENCE CORE (27 hrs)**

\_\_\_ POSC 1002 (Intro to Poultry Careers)

\_\_\_ POSC 1012 (Avian Biology)

\_\_\_ POSC 2343 (Poultry Production & Mgmt w/ Lab)

- \_\_\_ POSC 2353 (Breeder Production & Mgmt w/ Lab)
- \_\_\_ POSC 3223 (Poultry Diseases)
- \_\_\_ POSC 3554 (Avian Anatomy w/ lab)
- \_\_\_ POSC 3123 (Principles of Genetics) or POSC 4333 (Poultry Breeding & Genetics) or BIOL 2323 (Genetics)
- \_\_\_ POSC 4314 (Egg and Meat Technology w/ lab)
- \_\_\_ POSC 4343 (Poultry Nutrition)

**POULTRY SCIENCE CONTROLLED ELECTIVES (15 hrs)**

(Select 6 hr from the following)

- \_\_\_ AGECE 2303 (Introduction to Agribusiness)
- \_\_\_ PHYS 2013/2011L (College Physics I)
- \_\_\_ PHYS 2033/2031L (College Physics II)
- \_\_\_ POSC 3032 (Physiology I)
- \_\_\_ POSC 3042 (Physiology II)
- \_\_\_ POSC 4213 (Integrated Poultry Management Systems)

(Select 3 hr from the following)

- POSC 4801 (Seminar: Research Topics)
- POSC 4811 (Seminar: Professionalism)
- POSC 4821 (Seminar: Problem Solving)
- POSC 4831 (Seminar: Processing Regulations)

(Select 6 hr from the following)

- POSC 3013 Exotic Companion Birds
- POSC 3381 Poultry Judging and Selection
- POSC 400V Special Problems
- POSC 401V Internship in Poultry Science
- POSC 4023 Advanced Topics in Food Safety Management
- POSC 4034 Statistical Process Control in the Food Industry
- \_\_\_ POSC 4223 Risk Analysis for Biological Systems
- \_\_\_ POSC 4434 Fundamentals of Reproductive Physiology
- \_\_\_ POSC 4923 Brain and Behavior
- \_\_\_ POSC 4233 Value Added Muscle Foods
- \_\_\_ AFLS 3512 Rotations in Agricultural Laboratory Research

**DISCIPLINE-RELATED ELECTIVES (12 hrs)**

**GENERAL ELECTIVES (9-24 hrs)**

**124 Total hours**

**Poultry Science B.S.A.**

**Eight-Semester Degree Program**

Students wishing to follow the degree plan should see page 40 in the Academic Regulations chapter for university requirements of the program.

**Fall Semester Year 1**

- 4 University Core BIOL 1543/1541L Principles of Biology and lab
- 3 University Core ENGL 1013 Composition I unless exempt
- 3 COMM 1313 Public Speaking
- 2 POSC 1002 Introduction to Poultry Careers
- 3 FNAR/Humanities University Core Elective
- 1 AFLS 1011 Freshman Orientation

**16 Semester hours**

**Spring Semester Year 1**

- 2 POSC 1012 Avian Biology
- 3 University Core ENGL 1023 Composition II unless exempt
- 3 University Core MATH 1203 College Algebra or higher level math
- 3 FNAR/Humanities University Core Elective
- 3 Social Science Core Elective

**15 Semester hours**

**Fall Semester Year 2**

- 3 POSC 2343 Poultry Production and Mgmt with Lab
- 4 University Core CHEM 1103/1101L Chemistry I and lab or CHEM 1073/1071L Fundamentals of Chemistry and lab
- 3 History University Core Elective
- 3 Social Science Core AGECE 1103 Principles of Agricultural Microeconomics or ECON 2023 Principles of Microeconomics
- 3 Discipline-Related Elective

**16 Semester hours**

**Spring Semester Year 2**

- 3 POSC 2353 Breeder Production and Mgmt with lab
- 4 CHEM 2613/2611L Organic Physiological Chemistry and lab or CHEM 1123/1121L Chemistry II and lab (if CHEM 1103/1101L taken previous fall)
- 4 POSC 3554 Avian Anatomy with lab component
- 3 Social Science Core Elective
- 3 Communication Intensive Elective

**17 Semester hours**

**Fall Semester Year 3**

4 BIOL 2013/2011L General Microbiology and lab  
 3-4 CHEM 3603/3601L Organic Chemistry and lab (if CHEM 1103/ 1101L and CHEM 1123/1121L taken previously) or General Elective  
 3 POSC 4333 Poultry Breeding or POSC/ANSC 3123 Principles of Genetics  
 2-4 POSC Elective (from PHYS 2013/2011L, POSC 3032, AGEC 2303, POSC 4314)  
 1 POSC 4811 or 4831 Undergraduate Seminar

**13-16 Semester hours**

**Spring Semester Year 3**

3-4 CHEM 3613/3611L Organic Chemistry II and lab (if CHEM 3603/3601L taken previously) or General Elective  
 2-4 POSC Elective (from PHYS 2033/2031L College Physics II and lab, POSC 3042 Animal Physiology II; AGEC 2303 Introduction to Agribusiness, POSC 4213 Integrated Poultry Management)  
 3 Upper-Division POSC Elective  
 3 Discipline-Related Elective  
 3 General Elective or BIOL 2323 General Genetics

**17 Semester hours**

**Fall Semester Year 4**

3 POSC 3223 Poultry Diseases  
 4 POSC POSC 4314 Egg and Meat Technology  
 3 Upper-Division POSC Elective  
 3 AGEC 2403 Quantitative Tools for Agribusiness or General Elective  
 3 Discipline- Related Elective  
 1 POSC 4811 or 4831 Undergraduate Seminar

**14-16 Semester hours**

**Spring Semester Year 4**

1 POSC 4801 Undergraduate Seminar  
 3 STAT 2303 Principles of Statistics or AGST 4023 Principles of Experimentation (Pre-MATH 1203 or higher ) or General Elective  
 2-4 POSC Controlled Elective (from PHYS 2033/2031L College Physics II and lab, POSC 3042 Animal Physiology II; AGEC 2303 Introduction to Agribusiness, POSC 4213 Integrated Poultry Management) or General Elective  
 1 POSC 4801 or 4821 Undergraduate Seminar  
 3 Discipline-Related Elective

**12-14 Semester hours**

**124 Total hours**

**Minor in Poultry Science (POSC-M)**

A student planning to minor in poultry science should consult a departmental adviser. The minor consists of 15 hours to include the following:

- POSC 1002 Introduction to Poultry Careers
  - POSC 1012 Avian Biology
  - POSC 2343 Poultry Production and Management with lab component
  - POSC 2353 Breeder Production and Management with lab component with lab component
- Choose 5 hours from any POSC course listing.  
 See Page 381 for Poultry Science (POSC) courses.

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

PROGRAM INVENTORY/DARS

PGRM \_\_\_\_\_ SUBJ \_\_\_\_\_ CIP \_\_\_\_\_ CRTS \_\_\_\_\_  
 DGRE \_\_\_\_\_ PGCT \_\_\_\_\_ OFFC&CRTY VALID \_\_\_\_\_

REPORTING CODES

PROG. DEF. \_\_\_\_\_ REQ. DEF. \_\_\_\_\_  
 Initials \_\_\_\_\_ Date \_\_\_\_\_

**Distribution**

- Notification to:
- (1) College
  - (2) Department
  - (3) Admissions
  - (4) Institutional Research
  - (5) Continuing Education
  - (6) Graduate School
  - (7) Treasurer
  - (8) Undergraduate Program Committee

5/12/08