

Program Change Request

Date Submitted: 11/07/19 8:36 am

Viewing: **POSCBS : Poultry Science, Bachelor of Science in Agri Food & Life Sciences**

Last approved: 05/25/17 1:21 pm

Last edit: 11/07/19 8:36 am

Changes proposed by: patrices

Catalog Pages Using
this Program

[Poultry Science B.S.A.](#)

[Poultry Science \(POSC\)](#)

Submitter: User ID: **patrices ersleaf1** Phone:
5753699 575-6731

Program Status Active

Academic Level Undergraduate

Type of proposal Major/Field of Study

Select a reason for this modification

Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding/changing Focused Study or Track)

Are you adding a concentration?

No

Are you adding or modifying a track?

No

Are you adding or modifying a focused study?

No

Effective Catalog Year Fall 2020

College/School Code

In Workflow

1. **AFLS Dean Initial**
2. **Director of Program Assessment and Review**
3. **Registrar Initial**
4. **Institutional Research**
5. **POSC Chair**
6. **POSC Curriculum Committee**
7. **AFLS Faculty**
8. **AFLS Dean**
9. **Global Campus**
10. **Provost Review**
11. University Course and Program Committee
12. Faculty Senate
13. Provost Final
14. Provost's Office-- Notification of Approval
15. Registrar Final
16. Catalog Editor Final

Approval Path

1. 10/09/19 1:13 pm
Lona Robertson
(ljrobert): Approved for AFLS Dean Initial
2. 10/09/19 5:18 pm
Alice Griffin
(agriffin): Rollback to AFLS Dean Initial

Bumpers College of Agricultural, Food, and Life Sciences (AFLS)

Department Code

- for Director of
Program
Assessment and
Review
3. 10/10/19 8:41 am
Vicky Watkins
(watkinsv): Rollback
to Initiator
 4. 10/21/19 10:31 am
Lona Robertson
(ljrobert): Approved
for AFLS Dean Initial
 5. 10/28/19 11:27 am
Alice Griffin
(agriffin): Rollback
to Initiator
 6. 11/07/19 11:08 am
Lona Robertson
(ljrobert): Approved
for AFLS Dean Initial
 7. 11/11/19 9:24 am
Alice Griffin
(agriffin): Approved
for Director of
Program
Assessment and
Review
 8. 11/12/19 4:05 pm
Lisa Kulczak
(lkulcza): Approved
for Registrar Initial
 9. 11/12/19 4:06 pm
Gary Gunderman
(ggunderm):
Approved for
Institutional
Research
 10. 12/04/19 10:01 am
David Caldwell
(caldweld):

Approved for POSC
Chair

11. 12/16/19 9:18 am
Gary McDonald
(gmcdonal):
Approved for POSC
Curriculum
Committee
12. 12/17/19 1:58 pm
Michael Thomsen
(mthomsen):
Approved for AFLS
Faculty
13. 12/17/19 3:02 pm
Lona Robertson
(ljrobert): Approved
for AFLS Dean
14. 12/17/19 3:28 pm
Suzanne Kenner
(skenner): Approved
for Global Campus

History

1. Aug 15, 2014 by
Leepfrog
Administrator
(clhelp)
2. Apr 6, 2015 by
Charlie Alison
(calison)
3. Apr 6, 2015 by
Charlie Alison
(calison)
4. Apr 6, 2015 by
Charlie Alison
(calison)
5. Aug 14, 2015 by Lisa
Kulczak (lkulcza)
6. May 25, 2017 by

Karen Turner
(kjvestal)

Department of Poultry Science (POSC)

Program Code POSCBS

Degree Bachelor of Science in Agricultural, Food & Life Sciences

CIP Code

01.0907 - Poultry Science.

Program Title

Poultry Science, Bachelor of Science in Agri Food & Life Sciences

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

No

What are the total **120**
hours needed to
complete the
program?

Program Requirements and Description

Requirements

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.)

University Requirements (1 hour)

1

UNIV 1001 University Perspectives

~~Communications (6-12 hours)~~

~~6-12~~

Communications (12 hours)

12

Select 6 hours English from University Core	
<u>COMM 1313</u> Public Speaking (ACTS Equivalency = SPCH 1003)	
Communication Intensive Elective - 3hrs (see degree audit for approve course list)	
U.S. History and Government (3 hours)	3
One U.S. History and Government Course	3
Mathematics and Statistics (6-7 hours)	
One MATH Core Course	3-4
Select 3 hours from U.S. History and Government University Core	
Mathematics and Statistics (6 hours)	6
<u>MATH 1203</u> College Algebra (ACTS Equivalency = MATH 1103) (or higher)	
Select one of the following:	
<u>AGEC 2403</u> Quantitative Tools for Agribusiness	
<u>STAT 2303</u> Principles of Statistics (ACTS Equivalency = MATH 2103)	
<u>AGST 4023</u> Principles of Experimentation	
Sciences (16-24 hours)	
Physical and Biological Sciences (16-24 hours)	16-24
<u>BIOL 1543</u> Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture)	
& <u>BIOL 1541L</u> and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)	
<u>BIOL 2013</u> General Microbiology (ACTS Equivalency = BIOL 2004 Lecture)	
& <u>BIOL 2011L</u> and General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab)	
Select one of the following:	4-8
Select 4-8 hours from the following:	
<u>CHEM 1073</u> Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture)	
& <u>CHEM 1071L</u> and Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab)	
<u>CHEM 1103</u> University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture)	
& <u>CHEM 1101L</u> and University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab)	
& <u>CHEM 1123</u> and University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture)	
& <u>CHEM 1121L</u> and University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab)	
Select one of the following:	4-8
Select 4-8 hours from the following:	
<u>CHEM 2613</u> Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture)	
& <u>CHEM 2611L</u> and Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab)	
<u>CHEM 3603</u> Organic Chemistry I	
& <u>CHEM 3601L</u> and Organic Chemistry I Laboratory	
& <u>CHEM 3613</u> and Organic Chemistry II	
& <u>CHEM 3611L</u> and Organic Chemistry II Laboratory	
Fine Arts and Humanities (6 hours)	6
Select 3 hours Fine Arts from University Core	

Discipline-Related Electives (12 hrs)	12
General Electives (4-19 hours)	4-19
Select 3 hours Humanities from University Core	
Social Sciences (9 hours)	9
<u>AGEC 1103</u> Principles of Agricultural Microeconomics	
or <u>ECON 2023</u> Principles of Microeconomics (ACTS Equivalency = ECON 2203)	
Choose two Social Sciences Core Courses	6
Poultry Science Core	
<u>POSC 1002</u> Introduction to Careers in Poultry Science	2
<u>POSC 1012</u> Avian Biology	2
Select 6 hours Social Sciences from University Core	
Poultry Science Core (26 hours)	26
<u>POSC 1003</u>	Course POSC 1003 Not Found
<u>POSC 2343</u> Poultry Production	
<u>POSC 2353</u> Poultry Breeder Management	
<u>POSC 3223</u> Poultry Diseases	
<u>POSC 3554</u> Avian Anatomy	
Select one of the following:	3
<u>POSC 3123</u> Principles of Genetics	
or <u>POSC 4333</u> Poultry Breeding	
or <u>BIOL 2323</u> General Genetics	
POSC 4333 Poultry Breeding	
BIOL 2323 General Genetics	
<u>POSC 4314</u> Egg and Meat Technology	
<u>POSC 4343</u> Poultry Nutrition	
Poultry Science Controlled Electives	
Poultry Science Controlled Electives (15 hours)	15
Select 6 hours from the following:	
<u>AGEC 2303</u> Introduction to Agribusiness	
<u>PHYS 2013</u> College Physics I (ACTS Equivalency = PHYS 2014 Lecture)	
& <u>PHYS 2011L</u> and College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)	
<u>PHYS 2033</u> College Physics II (ACTS Equivalency = PHYS 2024 Lecture)	
& <u>PHYS 2031L</u> and College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab)	
POSC 3032 Animal Physiology I	
POSC 3042 Animal Physiology II	
<u>POSC 3033</u>	Course POSC 3033 Not Found
<u>POSC 4213</u> Integrated Poultry Management Systems	
Select 3 hours from the following:	
<u>POSC 4801</u> Seminar: Research Topics	
<u>POSC 4811</u> Seminar: Professionalism	

[POSC 4821](#) Seminar: Problem Solving

[POSC 4831](#) Seminar: Processing Regulations

Select 6 hours from the following:

[POSC 3013](#) Exotic Companion Birds

[POSC 3381](#) Poultry Judging and Selection

[POSC 3513](#) **Current Approaches in Agricultural Laboratory Research**

or [POSC 3513H](#) **Honors Current Approaches in Agricultural Laboratory Research**

[POSC 400V](#) Special Problems

[POSC 401V](#) Internship in Poultry Science

[POSC 4033](#) Statistical Process Control in the Food Industry

[POSC 4233](#) Value Added Muscle Foods

[POSC 4923](#) Brain and Behavior

POSC Elective (3 hours)

Discipline-Related Electives (12 hours) see degree audit for list of approved courses

12

General Electives (6-14 hours)

6-14

Total Hours

120

8-Semester Plan

Poultry Science B.S.A.**Eight-Semester Degree Program**

Students wishing to follow the degree plan should go to the [Eight-Semester Degree Policy](#) for university requirements of the program.

First Year	Units
	Fall Spring
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013)	3
BIOL 1543 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture)	4
& BIOL 1541L Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)	
POSC 1003 Course POSC 1003 Not Found	3
FNAR/Humanities University Core Elective	3
UNIV 1001 University Perspectives	1
COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003)	3 -
POSC 1002 Introduction to Careers in Poultry Science	2 -
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023)	3
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (or higher)	3
COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003)	3
FNAR/Humanities University Core Elective	3
Social Science Core Elective	3
POSC 1012 Avian Biology	- 2
Year Total:	14 15
Second Year	Units
	Fall Spring
POSC 2343 Poultry Production	3
CHEM 1073 Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture)	4
& CHEM 1071L Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab)	
or CHEM 1103 and CHEM 1101L	
AGEC 1103 Principles of Agricultural Microeconomics	3
or ECON 2023 Principles of Microeconomics (ACTS Equivalency = ECON 2203)	
Select one of the following:	4 -
CHEM 1103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture)	- -
& CHEM 1101L University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab)	- -
History Core Elective	3
History University Core Elective	3 -
POSC 2554 Avian Anatomy	4

Are Similar Programs available in the area?

No

Estimated Student Demand for Program NA

Scheduled Program Review Date 2024-2025 NA

Program Goals and Objectives

Program Goals and Objectives

The goal of the poultry science curriculum is to promote a fundamental understanding of poultry science across sub-disciplines, with an emphasis on the scientific basis underlying the poultry industry. The objective of the required POSC courses is to provide an overview of poultry-related careers, production practices, poultry anatomy, and disciplines that include physiology, diseases, genetics, nutrition, processing, and products. NA

Learning Outcomes

Learning Outcomes

Student Learning Outcome 1. Students will demonstrate knowledge of the basic principles of production, anatomy, physiology, genetics, nutrition, health, and disease identification as related to poultry.

Student Learning Outcome 2. Students develop critical-thinking skills that apply to issues and problems faced by the poultry industry.

Student Learning Outcome 3: Students will be able to communicate summaries of lab activities, interpret results of problem-solving activities and summarize results of research in written and oral communication

NA

Description and justification of the request

Description of specific change	Justification for this change
Minor Changes to the Poultry Science Core Removal of POSC 1002 and 1012-Changed to POSC 1003	POSC 1002 and POSC 1012 was combined to reflect Intro to Poultry Science w/lab.
POSC 3032/3042 Animal Physiology I and II was changed	POSC 3223 and POSC 3554 switched to balance

Description of specific change	Justification for this change
<p>to POSC 3033 Animal Physiology</p> <p>POSC 3513 Current Approaches in Agricultural Laboratory Research was added as a controlled elective</p> <p>POSC 3223-Spring Only Course</p> <p>POSC 3554-Fall Only Course</p>	<p>out the offering of core classes.</p> <p>Animal Physiology I and II was changed from 2 two hour courses to reflect one 3 hour class. Students would take one and not the other. Now students will receive all of the course content.</p> <p>POSC 3513 was added to the controlled elective section to provide students with additional option.</p>

Upload attachments

[20-21-poscbs.docx](#)

[20-21-posc-8sdcp \(1\).docx](#)

Reviewer Comments

Alice Griffin (agriffin) (10/09/19 5:18 pm): Rollback: Please work with the POSC department to submit the proposed changes into the Program Requirements field and 8 semester plan. It appears no changes were made to those two fields. Attachments are not sufficient.

Vicky Watkins (watkinsv) (10/10/19 8:41 am): Rollback: Program changes and semester plan needs update to reflect check sheets for 20-21

Alice Griffin (agriffin) (10/23/19 5:36 pm): Changed review date to include the academic year, not just the calendar year.

Alice Griffin (agriffin) (10/28/19 11:27 am): Rollback: Returned based on request from college. Please visit with Vicky Watkins to make edits.

Key: 169