

New Program Proposal

Date Submitted: 09/18/20 11:28 am

Viewing: **POSCBS-PSPP : Poultry Science: Pre-Professional Science Concentration**

Last edit: 09/21/20 4:41 pm

Changes proposed by: cmowens

| | | | |
|--------------------------------------|---|---------|--------|
| Submitter: | User ID: | cmowens | Phone: |
| 4795754281 | | | |
| Program Status | Active | | |
| Academic Level | Undergraduate | | |
| Type of proposal | Concentration | | |
| Select a reason for this new program | Adding New Concentration | | |
| Effective Catalog Year | Fall 2021 | | |
| College/School Code | Bumpers College of Agricultural, Food, and Life Sciences (AFLS) | | |
| Department Code | Department of Poultry Science (POSC) | | |
| Program Code | POSCBS-PSPP | | |
| Degree | Bachelor of Science in Agricultural, Food & Life Sciences | | |
| CIP 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. **ARSC Dean**
9. **AFLS Dean**
10. **Global Campus**
11. **Provost Review**
12. **University Course and Program Committee**
13. Faculty Senate
14. Provost Final
15. Provost's Office-- Notification of Approval
16. Registrar Final
17. Catalog Editor Final

Approval Path

1. 08/21/20 3:07 pm
Lona Robertson (ljrobert): Approved for AFLS Dean Initial
2. 08/25/20 5:25 pm
Alice Griffin (agriffin): Rollback to Initiator

3. 09/18/20 11:45 am
Lona Robertson
(ljrobert): Approved
for AFLS Dean Initial
4. 09/22/20 8:17 am
Alice Griffin
(agriffin): Approved
for Director of
Program
Assessment and
Review
5. 09/28/20 11:05 pm
Lisa Kulczak
(lkulcza): Approved
for Registrar Initial
6. 09/29/20 5:00 pm
Gary Gunderman
(ggunderm):
Approved for
Institutional
Research
7. 09/29/20 6:34 pm
David Caldwell
(caldweld):
Approved for POSC
Chair
8. 10/01/20 9:02 am
Nathan Kemper
(nkemper):
Approved for POSC
Curriculum
Committee
9. 10/05/20 11:17 am
Kate Shoulders
(cshoulde):
Approved for AFLS
Faculty
10. 10/05/20 11:49 am
Jeannie Hulen

- (jhulen): Approved for ARSC Dean
- 11. 10/05/20 12:37 pm
Lona Robertson
(ljrobert): Approved for AFLS Dean
- 12. 10/05/20 2:17 pm
Suzanne Kenner
(skenner): Approved for Global Campus
- 13. 10/06/20 7:47 am
Terry Martin
(tmartin): Approved for Provost Review

01.0907 - Poultry Science.

Program Title

Poultry Science: Pre-Professional Science Concentration

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

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

Yes

College(s)/School(s)

| College/School Name |
|---|
| Fulbright College of Arts and Sciences (ARSC) |

What are the total hours needed to complete the program? 20

Program Requirements and Description

Requirements

Requirements for a Major in Poultry Science (POSC) with a Poultry Science Pre-Professional Science (PSPP) Concentration

PSPP Concentration

| | | |
|--|--|----|
| <u>BIOL 2533</u> | Cell Biology | 3 |
| <u>CHEM 3813</u> | Elements of Biochemistry | 3 |
| Select a minimum of 14 hours from the following: | | 14 |
| <u>ANSC 3143</u> | Principles of Animal Nutrition | |
| <u>BIOL 4333</u> | Biotechnology in Agriculture | |
| <u>CHEM 3613</u> | Organic Chemistry II | |
| & <u>CHEM 3611L</u> | and Organic Chemistry II Laboratory | |
| <u>PHIL 3103</u> | Ethics and the Professions | |
| <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) | |
| <u>POSC 3513</u> | Current Approaches in Agricultural Laboratory Research | |
| or <u>POSC 3513H</u> | Honors Current Approaches in Agricultural Laboratory Research | |
| <u>POSC 4163</u> | Companion Animal Nutrition | |
| <u>POSC 4923</u> | Brain and Behavior | |
| Upper Level CHEM or BIOL | | |
| Total Hours | | 20 |

8-Semester Plan

Poultry Science B.S.A. - Poultry Science Pre-Professional Science Concentration (PSPP)

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 |
| <u>ENGL 1013</u> Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1) | 3 |
| Satisfies General Education Outcome 3.4: | |
| <u>BIOL 1543</u> Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) | 4 |
| & <u>BIOL 1541L</u> Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) | |
| <u>POSC 1003</u> Introduction to Poultry Science | 3 |

| | |
|---|-------|
| Fine Arts/Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2)1, 2 | 3 |
| UNIV 1001 University Perspectives | 1 |
| ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1) | 3 |
| POSC 2353 Poultry Breeder Management | 3 |
| MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (Satisfies General Education Outcome 2.1) | 3 |
| Communication Intensive Elective (3 hrs) (Recommend COMM 1313 Public Speaking) (Satisfies General Education Outcomes 1.2 and 5.1) | 3 |
| Social Sciences State Minimum Core Elective (Satisfies General Education Outcome 3.3)3 | 3 |
| Year Total: | 14 15 |

Second Year Units
FallSpring

| | |
|---|-------|
| POSC 2343 Poultry Production | 3 |
| General Elective (Recommend CHEM 1103/1101L University Chemistry I) Satisfies General Education Outcome 3.3: | 4 |
| AGEC 1103 Principles of Agricultural Microeconomics or ECON 2023 Principles of Microeconomics (ACTS Equivalency = ECON 2203) | 3 |
| U.S. History or Government State Minimum Core Elective (Satisfies General Education Outcome 4.2) | 3 |
| POSC 3554 Avian Anatomy | 4 |
| STAT 2303 Principles of Statistics (ACTS Equivalency = MATH 2103) or AGEC 2403 Quantitative Tools for Agribusiness | 3 |
| POSC 2413 DOMESTIC ANIMAL MICROBIOLOGY Course POSC 2413 DOMESTIC ANIMAL MICROBIOLOGY Not Found | 4 |
| & POSC 2411L Course POSC 2411L Not Found or BIOL 2013 and BIOL 2011L | |
| Satisfies General Education Outcome 3.4: | |
| CHEM 1073 Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) & CHEM 1071L Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab) or CHEM 1123 and CHEM 1121L | 4 |
| Fine Arts/Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2)1, 2 | 3 |
| Communication Intensive Elective (Recommend ACOM 3143 Communicating Agriculture to the Public) | 3 |
| Year Total: | 17 17 |

Third Year Units
FallSpring

| | |
|--|---|
| BIOL 2533 Cell Biology | 3 |
|--|---|

| | |
|---|------------|
| <u>CHEM 3603</u> Organic Chemistry I | 4 |
| & <u>CHEM 3601L</u> Organic Chemistry I Laboratory | |
| or <u>CHEM 2613</u> and <u>CHEM 2611L</u> | |
| PSPP Concentration Elective (Recommend PHYS 2013/2011L College Physics I w/lab) | 4 |
| General Elective | 3 |
| <u>POSC 4811</u> Seminar: Professionalism | 1 |
| or <u>POSC 4831</u> Seminar: Processing Regulations | |
| or <u>POSC 4821</u> Seminar: Problem Solving | |
| or <u>POSC 4801</u> Seminar: Research Topics | |
| <u>POSC 3033</u> Animal Physiology | 3 |
| <u>POSC 3223</u> Poultry Diseases | 3 |
| PSPP Concentration Elective (Recommend CHEM 3613/3611L Organic Chemistry II) | 4 |
| PSPP Concentration Elective (Recommend PHYS 2033/2031L College Physics II) | 4 |
| POSC 402V Satisfies General Education Outcome 6.1: | |
| <u>AFLS 400VH</u> Honors Thesis4 | 3 |
| or <u>POSC 401V</u> Internship in Poultry Science | |
| or <u>POSC 402V UNDERGRADUATE RESEARCH EXPERIENCE</u> <u>Course POSC 402V UNDERGRADUATE RESEARCH EXPERIENCE Not Found</u> | |
| Year Total: | 15 17 |
| Fourth Year | Units |
| | FallSpring |
| <u>POSC 4314</u> Egg and Meat Technology | 4 |
| <u>POSC 4811</u> Seminar: Professionalism | 1 |
| or <u>POSC 4831</u> Seminar: Processing Regulations | |
| or <u>POSC 4821</u> Seminar: Problem Solving | |
| or <u>POSC 4801</u> Seminar: Research Topics | |
| <u>CHEM 3813</u> Elements of Biochemistry | 3 |
| PSPP Concentration Elective | 2 |
| <u>POSC 3123</u> Principles of Genetics | 3 |
| or <u>BIOL 2323</u> General Genetics | |
| General Elective | 2 |
| <u>POSC 4801</u> Seminar: Research Topics | 1 |
| or <u>POSC 4831</u> Seminar: Processing Regulations | |
| or <u>POSC 4821</u> Seminar: Problem Solving | |
| or <u>POSC 4801</u> Seminar: Research Topics | |
| <u>POSC 4343</u> Poultry Nutrition | 3 |
| Social Sciences State Minimum Core Elective (Satisfies General Education Outcomes 3.3 and 4.1) 5 | 3 |
| General Electives4 | 3 |
| Year Total: | 15 10 |

Total Units in Sequence:

- 1The Fine Arts Elective courses which satisfy General Education Outcome 3.1 include: [ARCH 1003](#), [ARHS 1003](#), [COMM 1003](#), [DANC 1003](#), [LARC 1003](#), [MLIT 1003](#), [MLIT 1003H](#), [MLIT 1013](#), [MLIT 1013H](#), [MLIT 1333](#), [THTR 1003](#), [THTR 1013](#), or [THTR 1013H](#).
- 2The Humanities Elective courses which satisfy General Education Outcome 3.2 include: [AAST 2023](#), [ANTH 1033](#), [ARCH 1013](#), [CLST 1003](#), [CLST 1003H](#), [CLST 1013](#), [COMM 1233](#), [DANC 1003](#), [ENGL 1213](#), [GNST 2003](#), [HIST 1113](#), [HIST 1113H](#), [HIST 1123](#), [HIST 1123H](#), [HIST 2003](#), [HIST 2013](#), [HUMN 1124H](#), [HUMN 2213](#), [LALS 2013](#), [MRST 2013](#), [MUSY 2003](#), [MUSY 2003H](#), [PHIL 2003](#), [PHIL 2003C](#), [PHIL 2003H](#), [PHIL 2103](#), [PHIL 2103C](#), [THTR 1003](#), [THTR 1013](#), [THTR 1013H](#), [WLIT 1113](#), [WLIT 1123](#) or Intermediate-level world language (usually 2003-level).
- 3The Social Sciences Elective courses which satisfy General Education Outcome 3.3 include: [AGEC 1103](#), [AGEC 2103](#), [ANTH 1023](#), [COMM 1023](#), [ECON 2013](#), [ECON 2023](#), [ECON 2143](#), [EDST 2003](#), [HDFS 1403](#), [HDFS 2413](#), [HDFS 2603](#), [HIST 1113](#), [HIST 1113H](#), [HIST 1123](#), [HIST 1123H](#), [HIST 2003](#), [HIST 2013](#), [HIST 2093](#), [HUMN 1114H](#), [HUMN 2114H](#), [INST 2013](#), [INST 2813](#), [INST 2813H](#), [PLSC 2003](#), [PLSC 2013](#), [PLSC 2203](#), [PLSC 2813](#), [PLSC 2813H](#), [PSYC 2003](#), [RESM 2853](#), [SOCI 2013](#), [SOCI 2013H](#), or [SOCI 2033](#).
- 4For students completing POSC 400VH or POSC 401V, you must select POSC 4213 as one of your general electives to satisfy General Education Outcome 6.1.
- 5The Social Sciences Elective courses which satisfy General Education Outcomes 3.3 and 4.1 include: [ANTH 1023](#), [COMM 1023](#), [HDFS 1403](#), [HDFS 2413](#), [HIST 1113](#), [HIST 1123](#), [HIST 2093](#), [HUMN 1114H](#), [HUMN 2114H](#), [INST 2013](#), [INST 2813](#), [INST 2813H](#), [PLSC 2013](#), [PLSC 2813](#), [PLSC 2813H](#), [RESM 2853](#), [SOCI 2013](#), [SOCI 2013H](#), or [SOCI 2033](#).

Note, courses cannot be counted twice in degree requirements.

Program Costs

No additional costs.

Library Resources

See POSCBS requirements.

Instructional

Facilities

See POSCBS requirements.

Faculty Resources

See POSCBS requirements.

List Existing Certificate or Degree Programs
that Support the Proposed Program

| Program(s) |
|--|
| POSCBS - Poultry Science, Bachelor of Science in Agri Food & Life Sciences |

Are Similar Programs available in the area?

No

Estimated Student Demand for Program 40

Scheduled Program Review Date 07/2022

Program Goals and Objectives

Program Goals and Objectives

See POSCBS program requirements

Learning Outcomes

Learning Outcomes

See POSCBS program requirements

Description and Justification for this request

| Description of request | Justification for request |
|---|--|
| See POSCBS program. | See POSCBS program. |
| Revised formatting of the eight semester degree plan. Inserted the General Education language. Also added footnotes and hyper-linked courses for access to course details. AG | To provide consistency with the General Education curriculum language. Footnotes provides list of courses that specifically meets each General Education Outcome on behalf of the college. AG |

Upload attachments

Reviewer Comments

Alice Griffin (agriffin) (08/25/20 5:25 pm): Rollback: Please address concerns noted in correspondence 8/25/2020.

Alice Griffin (agriffin) (09/21/20 2:17 pm): Inserted course titles for pending courses in red. Verified that they are currently in approval workflow.

Alice Griffin (agriffin) (09/21/20 4:41 pm): The General Education curriculum may be processed administratively. However, a new concentration requires campus approval.