

Program Change Request

Date Submitted: 09/26/17 2:58 pm

Viewing: **ANSCBS-ANSC : Animal Science, Bachelor of Science in Agri Food & Life Sciences**

Last approved: 06/01/17 8:29 am

Last edit: 10/16/17 5:20 pm

Changes proposed by: jstarks

Catalog Pages Using this Program [Animal Science B.S.A. with Animal Science Concentration](#)
[Animal Science \(ANSC\)](#)

Submitter:	User ID: crsleaf1	Phone: 575-3745 575-5917
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 Focused Study)		
Are you adding a concentration?	No	
Are you adding a track?	No	
Are you adding a focused study?	No	
Effective Catalog Year	Fall 2018	
College/School Code	Bumpers College of Agricultural, Food, and Life Sciences(AFLS)	
Department Code	Department of Animal Science(ANSC)	
Program Code	ANSCBS-ANSC	
Degree	Bachelor of Science in Agricultural, Food & Life Sciences	
CIP Code	01.0901 - Animal Sciences, General.	
Program Title	Animal 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 hours needed to complete the program?	120	

In Workflow

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

Approval Path

1. 09/10/17 1:25 pm Michael Evans (mrevans): Approved for AFLS Dean Initial
2. 09/11/17 8:30 am Alice Griffin (agriffin): Rollback to AFLS Dean Initial for Director of Program Assessment and Review
3. 09/11/17 8:34 am Michael Evans (mrevans): Rollback to Initiator
4. 10/10/17 2:07 pm Michael Evans (mrevans): Approved for AFLS Dean Initial
5. 10/13/17 8:52 am Alice Griffin (agriffin): Approved for Director of Program Assessment and Review
6. 10/16/17 5:22 pm Lisa Kulczak (lkulcza): Approved for Registrar Initial

Program Requirements and Description

Requirements

Requirements for a Major in Animal Science (ANSC) with Animal Science concentration

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

7. 10/17/17 8:26 am
Michael Looper
(looper): Approved
for ANSC Chair
8. 10/17/17 9:05 am
Michael Thomsen
(mthomsen):
Approved for ANSC
Curriculum
Committee
9. 10/30/17 2:21 pm
Nick Anthony
(nanthony):
Approved for AFLS
Faculty
10. 10/30/17 2:36 pm
Michael Evans
(mrevans):
Approved for AFLS
Dean
11. 10/30/17 2:42 pm
Kiersten Bible
(kbible): Approved
for Global Campus
12. 10/30/17 5:37 pm
Terry Martin
(tmartin): Approved
for Provost Review
13. 11/20/17 2:47 pm
Alice Griffin
(agriffin): Approved
for University
Course and Program
Committee

History

1. Aug 15, 2014 by
Leepfrog
Administrator
(clhelp)
2. Dec 12, 2014 by
Andrew Fidler
(fidler)
3. May 4, 2015 by
Charlie Alison
(calison)
4. May 11, 2015 by
Charlie Alison
(calison)
5. Jun 1, 2017 by
Charlie Alison
(calison)

<p>University Requirements</p> <p>UNIV 1001 University Perspectives (Sp, Su, Fa)</p>	1
<p>Communications</p> <p>ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Sp, Su, Fa)</p> <p>ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)</p> <p>Communication Intensive Elective 6 hours (See adviser for approved communication intensive course list.)</p>	12
<p>History or Government</p> <p>HIST 2003 History of the American People to 1877 (ACTS Equivalency = HIST 2113) (Sp, Su, Fa)</p> <p>or HIST 2013 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) (Sp, Su, Fa)</p>	3

or PLSC 2003	American National Government (ACTS Equivalency = PLSC 2003) (Sp, Su, Fa)	
Mathematics		3
MATH 1203	College Algebra (ACTS Equivalency = MATH 1103) (Sp, Su, Fa) (or higher level MATH)	
Sciences		16
BIOL 1543	Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) (Sp, Su, Fa)	
& BIOL 1541L	and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Sp, Su, Fa)	
BIOL 2013	General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) (Sp, Su, Fa)	
& BIOL 2011L	and General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) (Sp, Su, Fa)	
Select 4 hours from the following:		
CHEM 1073	Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) (Su, Fa)	
& CHEM 1071L	and Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab) (Fa)	
or CHEM 1123	University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) (Sp, Su, Fa)	
& CHEM 1121L	and University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab) (Sp, Su, Fa)	
Select from the following:		
CHEM 2613	Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture) (Sp, Su, Fa)	
& CHEM 2611L	and Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab) (Sp, Su, Fa)	
or CHEM 3603	Organic Chemistry I (Su, Fa)	
& CHEM 3601L	and Organic Chemistry I Laboratory (Su, Fa)	
Fine Arts and Humanities		6
Select 3 hours Fine Arts and 3 hours Humanities courses from University Core List.		
Social Sciences		9
Select 9 hours Social Sciences courses from University Core List.		
ANSC Requirements		24
ANSC 1001L	Introductory to Animal Sciences Laboratory (Sp, Fa)	
ANSC 1032	Introductory Animal Sciences (Sp, Fa)	
ANSC 1041	Introduction to Companion Animal Industry (Sp, Fa)	
or ANSC 1051	Introduction to the Livestock Industry (Sp, Fa)	
ANSC 2252L	Introduction to Livestock and Meat Evaluation (Sp)	
ANSC 2781	Career Preparation and Development (Fa)	
ANSC 3133	Animal Breeding and Genetics (Sp)	
ANSC 3143	Principles of Animal Nutrition (Sp)	
ANSC 3433	Fundamentals of Reproductive Physiology (Fa)	
ANSC 4142	Advanced Animal Handling Techniques (Sp, Fa)	
Select 6 hours from the following:		
ANSC 4252	Cow-Calf Management (Fa)	
ANSC 4262	Swine Production (Even years, Fa)	
ANSC 4272	Sheep Production (Odd years, Sp)	
ANSC 4283	Horse Production (Sp)	
ANSC 4452	Milk Production (Sp)	
ANSC 4482	Companion Animal Management (Fa)	
ANSC 4652	Stocker-Feedlot Cattle Management (Sp)	
Animal Science Electives		13
Select 13 hours from the following:		
ANSC 3003	Applied Animal Parasitology (Even years, Sp, Fa)	
ANSC 3013	Parasitisms of Domesticated Non-Herbivores (Odd years, Sp, Fa)	
ANSC 3032	Animal Physiology I (Fa)	
ANSC 3042	Animal Physiology II (Sp)	
ANSC 3123	Principles of Genetics (Fa)	
ANSC 3152	Applied Animal Nutrition (Fa)	
& ANSC 3151L	and Applied Animal Nutrition Laboratory (Fa)	
ANSC 3333	Diseases of Livestock (Sp)	
ANSC 3613	Meat Science (Fa)	
ANSC 4163	Course ANSC 4163 Not Found	
ANSC 4303	Comparative Veterinary Anatomy (Sp)	
ANSC 4552	Forage-Ruminant Relations (Odd years, Sp)	
Discipline-Related Electives		16
Select 16 hours from the following:		
ANSC 2003	Introduction to Equine Industry (Sp)	
ANSC 2213	Behavior of Domestic Animals (Fa)	
ANSC 2303	Introduction to Horsemanship (Sp, Fa)	
ANSC 3072	Equine Selection and Evaluation (Sp)	
ANSC 3282	Livestock Judging and Selection (Fa)	
ANSC 3291	Livestock Junior Judging Team Activity (Sp)	

ANSC 3491L	Artificial Insemination in Cattle (Sp)
ANSC 3723	Horse and Livestock Merchandising (Fa)
ANSC 3753	Course ANSC 3753 Not Found
ANSC 400V	Special Problems (Sp, Su, Fa)
ANSC 401V	Internship in Animal Sciences (Sp, Su, Fa)
ANSC 4072	Advanced Equine Selection and Evaluation (Fa)
ANSC 410V	Special Topics in Animal Sciences (Irregular)
ANSC 4123	Legal Issues in Animal Agriculture (Odd years, Sp)
ANSC 4173	Thoroughbred Horse Industry (Odd years, Sp)
ANSC 4291	Livestock Senior Judging Team Activity (Fa)
AFLS 400VH	Honors Thesis (Sp, Su, Fa)
AGEC 1103	Principles of Agricultural Microeconomics (Sp, Su, Fa)
AGEC 2103	Principles of Agricultural Macroeconomics (Sp, Fa)
AGEC 2303	Introduction to Agribusiness (Sp, Su, Fa)
AGME 2903	Agricultural and Human Environmental Sciences Applications of Microcomputers (Sp, Su, Fa)
BIOL 1601L	Principles of Zoology Laboratory (ACTS Equivalency = BIOL 1054 Lab) (Su, Fa)
BIOL 1603	Principles of Zoology (ACTS Equivalency = BIOL 1054 Lecture) (Su, Fa)
BIOL 2531L	Cell Biology Laboratory (Sp, Fa)
BIOL 2533	Cell Biology (Sp, Fa)
CSES 1203	Introduction to Plant Sciences (Sp, Fa)
CSES 2013	Pest Management (Sp)
CHEM 1101L	University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab) (Sp, Su, Fa)
CHEM 1103	University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) (Su, Fa)
CHEM 1121L	University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab) (Sp, Su, Fa)
CHEM 1123	University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) (Sp, Su, Fa)
CHEM 2261L	Analytical Chemistry Laboratory (Sp, Fa)
CHEM 2263	Analytical Chemistry Lecture (Sp, Fa)
FDSC 2503	Food Safety and Sanitation (Sp, Fa)
MATH 1213	Plane Trigonometry (ACTS Equivalency = MATH 1203) (Sp, Su, Fa) (or higher)
PHYS 2011L	College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) (Su, Fa)
PHYS 2013	College Physics I (ACTS Equivalency = PHYS 2014 Lecture) (Su, Fa)
PHYS 2031L	College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab) (Su)
PHYS 2033	College Physics II (ACTS Equivalency = PHYS 2024 Lecture) (Sp, Su)
POSC 2353	Poultry Breeder Management (Sp)
BLAW 2013	The Legal Environment of Business (ACTS Equivalency = BLAW 2003) (Sp, Su, Fa)
ACCT 2013	Accounting Principles (Sp, Su, Fa)

Or any upper division course in AGECE, AGED, AGME, AGST, BIOL, CHEM, CSES, FDSC, HORT, POSC, or WCOB.

General Electives

17

Total Hours

120

8-Semester Plan

Animal Science B.S.A. with Animal Science Concentration

Eight-Semester Degree Program

Students wishing to follow the degree plan should see the [Eight Semester Degree Policy](#) for university requirements of the program. (*See degree audit in UAConnect for complete course list.)

First Year	Units
	Fall/Spring
UNIV 1001 University Perspectives (Sp, Su, Fa)	1
ANSC 1001L Introductory to Animal Sciences Laboratory (Sp, Fa)	1
ANSC 1032 Introductory Animal Sciences (Sp, Fa)	2
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Sp, Su, Fa)	3
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (Sp, Su, Fa) (or higher level MATH)	3
BIOL 1543 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) (Sp, Su, Fa)	4
& BIOL 1541L Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Sp, Su, Fa)	
ANSC 1041 Introduction to Companion Animal Industry (Sp, Fa)	1
or ANSC 1051 Introduction to the Livestock Industry (Sp, Fa)	
Social Science Core Elective*	3
ANSC 2252L Introduction to Livestock and Meat Evaluation (Sp)	2
General Elective	3

Fine Arts/Humanities Core Elective*	3
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)	3
Discipline-related Elective as AFLS Broadening Elective	- 3
Discipline-related Elective* (CHEM 1103/1101L if completing University Chemistry I & II requirement)	3-4
Year Total:	15 17
Second Year	
	Units
	FallSpring
ANSC 2781 Career Preparation and Development (Fa)	1
ANSC 3433 Fundamentals of Reproductive Physiology (Fa)	3
Select 4 hours from the following:	4
CHEM 1073 Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) (Su, Fa)	
& CHEM 1071L Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab) (Fa)	
or CHEM 1123/1121L University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) (Sp, Su, Fa)	
Fine Arts/Humanities Core Elective*	3
History University Core Elective	3
ANSC 3133 Animal Breeding and Genetics (Sp)	3
Discipline-related Elective*	4
Communication Intensive Elective*	3
Communication Intensive elective from approved list	- 3
General Elective	3
Select one of the following:	- 3-4
CHEM 2613 Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture) (Sp, Su, Fa)	- -
& CHEM 2611L Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab) (Sp, Su, Fa)	- -
Social Science University Core Elective	
Choose from the following:	3
Social Science Core Elective*	
Year Total:	14 16
Third Year	
	Units
	FallSpring
ANSC 4142 Advanced Animal Handling Techniques (Sp, Fa)	2
Communication Intensive Elective*	3
BIOL 2013 General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) (Sp, Su, Fa)	4
& BIOL 2011L General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) (Sp, Su, Fa)	
Select one of the following:	3-4
Social Science University Core Elective	
Select 4 hours from the following:	4
CHEM 3603 Organic Chemistry I (Su, Fa)	
& CHEM 3601L Organic Chemistry I Laboratory (Su, Fa)	
CHEM 2613 Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture) (Sp, Su, Fa)	
& CHEM 2611L Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab) (Sp, Su, Fa)	
Animal Science Electives*	5
ANSC 3143 Principles of Animal Nutrition (Sp)	3
Animal Science Electives*	5
Social Science Core Elective*	3
Discipline-related Elective*	3
General Elective	3
Year Total:	18 17
Fourth Year	
	Units
	FallSpring
Animal Science Elective*	3
ANSC Production/Management Elective	2-4
ANSC Core Elective*	2
General Electives	8
ANSC Production/Management Elective	- 2-4
Discipline-related Electives	- 7
General Electives	- 0-6
ANSC Core Electives*	4
Discipline-related Electives*	5-6
Year Total:	13 10

Total Units in Sequence:	120	
	No	Are Similar Programs available in the area?
Estimated Student Demand for Program	120	
Scheduled Program Review Date	March 2015	
Program Goals and Objectives	Program Goals and Objectives	
	Program Goals and Objectives unchanged.	
Learning Outcomes	Learning Outcomes	
	Learning Outcomes unchanged.	

Description and justification of the request

Description of specific change	Justification for this change
Add ANSC 4163 – Companion Animal Nutrition to the Animal Science Electives; Add ANSC 4552 – Forage-Ruminant Relations to the Animal Science Electives; Add ANSC 3753 – Equine Assisted Therapy to the Discipline-related electives Add upper division HORT classes to Discipline-related electives.	Add ANSC 4163 – Companion Animal Nutrition to the Animal Science Electives The Animal Science Electives category is for ANSC courses outside of the ANSC core that are science based. Students are required to take a total of 13 hours from this category which currently has a total of 25 hours as options. Companion Animal Nutrition is a science-based class that will be offered in the spring semester when only 8 hours of options are available currently. Add ANSC 4552 – Forage-Ruminant Relations to the Animal Science Electives The Animal Science Electives category is for ANSC courses outside of the ANSC core that are science based. Students are required to take a total of 13 hours from this category which currently has a total of 25 hours as options. Forage-Ruminant Relations is a science-based class that will be offered in the spring semester when only 8 hours of options are available currently. Add ANSC 3753 – Equine Assisted Therapy to the Discipline-related electives The Discipline-Related Electives category is for classes from other departments that are somewhat related to ANSC or classes within ANSC that are considered less science-based or more application based. Equine Assisted Therapy is a course that is heavily focused on hands-on activities.

Upload attachments [18-19-anscbs-ansc-rv.docx](#)

Reviewer Comments **Alice Griffin (agriffin) (09/11/17 8:30 am)**: Rollback: Per request of Dr. Evans.
Michael Evans (mrevans) (09/11/17 8:34 am): Rollback: Please double check that hours add up correctly. Please review chemistry requirements. Make sure University Perspectives are included in correct location.
Alice Griffin (agriffin) (10/13/17 8:50 am): Changed second year spring in 8 semester plan - discipline related electives from 3 to 4 hours in order for total hours to equal 120 with permission from Ken Coffey.
Lisa Kulczak (lkulcza) (10/16/17 5:20 pm): ANSC courses "not found" in approval process for fall 2018.

Key: 73