

Program Change Request

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

Viewing: **ANSCBS-EQSC : Animal Science Equine Concentration**

Last approved: 06/01/17 8:30 am

Last edit: 10/16/17 5:23 pm

Changes proposed by: jstarks

Catalog Pages Using
this Program

[Animal Science B.S.A. with Equine Concentration](#)

[Animal Science \(ANSC\)](#)

Submitter: User ID: crsleaf1 Phone: 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-EQSC

Degree Bachelor of Science in Agricultural, Food & Life Sciences

CIP Code
01.0901 - Animal Sciences, General.

Program Title
Animal Science Equine Concentration

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

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

No

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. 09/11/17 8:39 am
Michael Evans (mrevans): Rollback to Initiator
2. 10/10/17 2:16 pm
Michael Evans (mrevans): Approved for AFLS Dean Initial
3. 10/13/17 12:09 pm
Alice Griffin (agriffin): Approved for Director of Program Assessment and Review
4. 10/16/17 5:23 pm
Lisa Kulczak (lkulcza): Approved for Registrar Initial
5. 10/17/17 8:26 am
Michael Looper

What are the total hours needed to complete the program?

(looper): Approved for ANSC Chair
 6. 10/17/17 9:05 am Michael Thomsen (mthomsen): Approved for ANSC Curriculum

Program Requirements and Description

Requirements

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

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

Committee
 7. 10/30/17 2:21 pm Nick Anthony (nanthony): Approved for AFLS Faculty
 8. 10/30/17 2:35 pm Michael Evans (mrevans): Approved for AFLS Dean
 9. 10/30/17 2:42 pm Kiersten Bible (kbible): Approved for Global Campus
 10. 10/30/17 5:38 pm Terry Martin (tmartin): Approved for Provost Review

History

1. Aug 15, 2014 by Leepfrog Administrator (clhelp)
2. Feb 18, 2015 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)

University Requirements		1
<u>UNIV 1001</u>	University Perspectives (Sp, Su, Fa)	
Communications		12
<u>ENGL 1013</u>	Composition I (ACTS Equivalency = ENGL 1013) (Sp, Su, Fa)	
<u>ENGL 1023</u>	Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)	
	Communication Intensive Elective 6 hours (See UAConnect Degree Audit for complete list)	
History or Government		3

<u>HIST 2003</u>	History of the American People to 1877 (ACTS Equivalency = HIST 2113) (Sp, Su, Fa)	
or <u>HIST 2013</u>	History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) (Sp, Su, Fa)	
or <u>PLSC 2003</u>	American National Government (ACTS Equivalency = PLSC 2003) (Sp, Su, Fa)	
Mathematics		3
<u>MATH 1203</u>	College Algebra (ACTS Equivalency = MATH 1103) (Sp, Su, Fa) (or higher level MATH)	
Sciences		16
<u>BIOL 1543</u>	Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) (Sp, Su, Fa)	
& <u>BIOL 1541L</u>	and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Sp, Su, Fa)	
<u>BIOL 2013</u>	General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) (Sp, Su, Fa)	
& <u>BIOL 2011L</u>	and General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) (Sp, Su, Fa)	
Select 4 hours from the following:		
<u>CHEM 1073</u>	Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) (Su, Fa)	
& <u>CHEM 1071L</u>	and Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab) (Fa)	
or <u>CHEM 1123</u>	University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) (Sp, Su, Fa)	
& <u>CHEM 1121L</u>	and University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab) (Sp, Su, Fa)	
Select 4 hours from the following:		
<u>CHEM 2613</u>	Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture) (Sp, Su, Fa)	
& <u>CHEM 2611L</u>	and Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab) (Sp, Su, Fa)	
or <u>CHEM 3603</u>	Organic Chemistry I (Su, Fa)	
& <u>CHEM 3601L</u>	and Organic Chemistry I Laboratory (Su, Fa)	
Fine Arts and Humanities		6
Select 3 hours from Fine Arts and 3 hours from Humanities courses from University Core List		
Social Sciences		9
Select three Social Science courses from University Core List		
ANSC Requirements		22
<u>ANSC 1001L</u>	Introductory to Animal Sciences Laboratory (Sp, Fa)	
<u>ANSC 1032</u>	Introductory Animal Sciences (Sp, Fa)	
<u>ANSC 1041</u>	Introduction to Companion Animal Industry (Sp, Fa)	
or <u>ANSC 1051</u>	Introduction to the Livestock Industry (Sp, Fa)	
<u>ANSC 2252L</u>	Introduction to Livestock and Meat Evaluation (Sp)	
<u>ANSC 2781</u>	Career Preparation and Development (Fa)	
<u>ANSC 3133</u>	Animal Breeding and Genetics (Sp)	
<u>ANSC 3143</u>	Principles of Animal Nutrition (Sp)	
<u>ANSC 3433</u>	Fundamentals of Reproductive Physiology (Fa)	
<u>ANSC 4142</u>	Advanced Animal Handling Techniques (Sp, Fa)	
Select 4 hours from the following:		
<u>ANSC 4252</u>	Cow-Calf Management (Fa)	
<u>ANSC 4262</u>	Swine Production (Even years, Fa)	
<u>ANSC 4272</u>	Sheep Production (Odd years, Sp)	
<u>ANSC 4452</u>	Milk Production (Sp)	
<u>ANSC 4482</u>	Companion Animal Management (Fa)	
<u>ANSC 4652</u>	Stocker-Feedlot Cattle Management (Sp)	
Animal Science Electives		13
Select 13 hours from the following:		
<u>ANSC 3003</u>	Applied Animal Parasitology (Even years, Sp, Fa)	
<u>ANSC 3013</u>	Parasitisms of Domesticated Non-Herbivores (Odd years, Sp, Fa)	
<u>ANSC 3032</u>	Animal Physiology I (Fa)	
<u>ANSC 3042</u>	Animal Physiology II (Sp)	
<u>ANSC 3123</u>	Principles of Genetics (Fa)	
<u>ANSC 3152</u>	Applied Animal Nutrition (Fa)	
& <u>ANSC 3151L</u>	and Applied Animal Nutrition Laboratory (Fa)	
<u>ANSC 3333</u>	Diseases of Livestock (Sp)	
<u>ANSC 3613</u>	Meat Science (Fa)	

ANSC 4163**Course ANSC 4163 Not Found****ANSC 4303**

Comparative Veterinary Anatomy (Sp)

ANSC 4552**Forage-Ruminant Relations (Odd years, Sp)**

Equine Concentration Required Courses

14

ANSC 2003

Introduction to Equine Industry (Sp)

ANSC 3072

Equine Selection and Evaluation (Sp)

ANSC 3723

Horse and Livestock Merchandising (Fa)

ANSC 4173

Thoroughbred Horse Industry (Odd years, Sp)

ANSC 4283

Horse Production (Sp)

Discipline-Related Electives

13

Select 13 hours from the following:

ANSC 2213

Behavior of Domestic Animals (Fa)

ANSC 2303

Introduction to Horsemanship (Sp, Fa)

ANSC 3282

Livestock Judging and Selection (Fa)

ANSC 3291

Livestock Junior Judging Team Activity (Sp)

ANSC 3491L

Artificial Insemination in Cattle (Sp)

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 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)

ACCT 2013

Accounting Principles (Sp, Su, Fa)

BLAW 2013

The Legal Environment of Business (ACTS Equivalency = BLAW 2003) (Sp, Su, Fa)

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

General Electives

8

Total Hours

120

8-Semester Plan

Animal Science B.S.A. with Equine 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 [UAConnect Degree Audit for complete course list.](#))

	First Year	Units
		FallSpring
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
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)		
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
ANSC 2003 Introduction to Equine Industry (Sp)		3
ANSC 2252L Introduction to Livestock and Meat Evaluation (Sp)		2
Discipline-related Elective* (CHEM 1103/1101L if completing University Chemistry I&II requirement)		3-4
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)		3
Social Sciences Core Elective*		3
Fine Arts/Humanities Core Elective*		3
Fine Arts/Humanities Core Elective		- 3
Year Total:		15 17
	Second Year	Units
		FallSpring
Choose 4 hours Chemistry from:		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)		
CHEM 1123 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) (Sp, Su, Fa)		
& CHEM 1121L University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab) (Sp, Su, Fa)		
Fine Arts/Humanities Core Elective*		3
ANSC 3723 Horse and Livestock Merchandising (Fa)		3
ANSC 3433 Fundamentals of Reproductive Physiology (Fa)		3
ANSC 2781 Career Preparation and Development (Fa)		1
ANSC 3072 Equine Selection and Evaluation (Sp)		2
ANSC 3133 Animal Breeding and Genetics (Sp)		3
Communication Intensive Elective*		3
Discipline-related Elective*		5
Social Science Core 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)		- -
(Or students may select a 3 hour Social Science Core Elective if completing CHEM 3603/3601L in fall of third year.)		
Year Total:		14 16
	Third Year	Units
		FallSpring

ANSC 4142 Advanced Animal Handling Techniques (Sp, Fa)	2
Animal Science Electives*	5
Select one of the following:	3-4
Social Science Core Elective	
(Or students may select CHEM 3603 & CHEM 3601L Organic Chemistry I and Lab if completing a Social Science Core in spring of second year.)	
Select one of 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)	
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)	
ANSC 4173 Thoroughbred Horse Industry (Odd years, Sp)	3
or ANSC 4283 Horse Production (Sp)	
Animal Science Electives*	5
ANSC 3143 Principles of Animal Nutrition (Sp)	3
Social Science Core Elective*	3
Discipline-related Elective*	3
Year Total:	15 17

Fourth Year

	Units
	FallSpring
Animal Science Elective*	3
ANSC Core Elective*	2
General Elective	3
Communication Intensive Elective*	3
History Core Elective*	3
ANSC 4283 Horse Production (Sp)	3
or ANSC 4173 Thoroughbred Horse Industry (Odd years, Sp)	
ANSC Core Elective*	2
Discipline-related Electives	- 4
Discipline-related Electives*	1-2
General Electives	5
Year Total:	14 12
Total Units in Sequence:	120

Are Similar Programs available in the area?

No

Estimated Student 60
 Demand for Program
 Scheduled Program March 2015
 Review Date

Program Goals and Objectives

Program Goals and Objectives

Program Goals and Objectives unchanged.

Learning Outcomes

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 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-egsc-rv.docx](#)

Reviewer Comments **Michael Evans (mrevans) (09/11/17 8:39 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 12:08 pm): Edited 8 semester plan so that hours totaled 120 credit hours.

Lisa Kulczak (lkulcza) (10/16/17 5:23 pm): ANSC courses "not found" in approval process for fall 2018.

Key: 37