

## 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				
What are the total hours needed to complete the program?	<b>120</b>			

### 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 (lkulca): Approved for Registrar Initial
5. 10/17/17 8:26 am Michael Looper (looper): Approved for ANSC Chair
6. 10/17/17 9:05 am Michael Thomsen (mthomsen): Approved for ANSC Curriculum Committee
7. 10/30/17 2:21 pm Nick Anthony (nanthony):

### 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.)

## University Requirements

[UNIV 1001](#) University Perspectives (Sp, Su, Fa)

## Communications

[ENGL 1013](#) Composition I (ACTS Equivalency = ENGL 1013) (Sp, Su, Fa)

[ENGL 1023](#) Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)

Communication Intensive Elective 6 hours (See UACConnect Degree Audit for complete list)

## History or Government

[HIST 2003](#) History of the American People to 1877 (ACTS Equivalency = HIST 2113) (Sp, Su, Fa)

or [HIST 2013](#) History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) (Sp, Su, Fa)

or [PLSC 2003](#) American National Government (ACTS Equivalency = PLSC 2003) (Sp, Su, Fa)

## Mathematics

[MATH 1203](#) College Algebra (ACTS Equivalency = MATH 1103) (Sp, Su, Fa) ( or higher level MATH)

## Sciences

[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 4 hours 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

Select 3 hours from Fine Arts and 3 hours from Humanities courses from University Core List

## Social Sciences

Select three Social Science courses from University Core List

## ANSC Requirements

[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 4 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 4452](#) Milk Production (Sp)

[ANSC 4482](#) Companion Animal Management (Fa)

[ANSC 4652](#) Stocker-Feedlot Cattle Management (Sp)

## Animal Science Electives

## 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)**

Approved for AFLS  
Faculty

8. 10/30/17 2:35pm

Michael Evans

(mrevans):

Approved for AFLS

Dean 3

9. 10/30/17 2:42 pm

Kiersten Bible

(kbible): Approved

for Global Campus

10. 10/30/17 5:38 pm

Terry Martin 16

(tmartin): Approved

for Provost Review

11. 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) 6

2. Feb 18, 2015 by

Andrew Fidlerg

(fidler)

3. May 4, 2015 by 2

Charlie Alison

(calison)

4. May 11, 2015 by

Charlie Alison

(calison)

5. Jun 1, 2017 by

Charlie Alison

(calison)

## Equine Concentration Required Courses

14

<a href="#">ANSC 2003</a>	Introduction to Equine Industry (Sp)
<a href="#">ANSC 3072</a>	Equine Selection and Evaluation (Sp)
<a href="#">ANSC 3723</a>	Horse and Livestock Merchandising (Fa)
<a href="#">ANSC 4173</a>	Thoroughbred Horse Industry (Odd years, Sp)
<a href="#">ANSC 4283</a>	Horse Production (Sp)

## Discipline-Related Electives

13

Select 13 hours from the following:

<a href="#">ANSC 2213</a>	Behavior of Domestic Animals (Fa)
<a href="#">ANSC 2303</a>	Introduction to Horsemanship (Sp, Fa)
<a href="#">ANSC 3282</a>	Livestock Judging and Selection (Fa)
<a href="#">ANSC 3291</a>	Livestock Junior Judging Team Activity (Sp)
<a href="#">ANSC 3491L</a>	Artificial Insemination in Cattle (Sp)
<a href="#">ANSC 3753</a>	<b>Course ANSC 3753 Not Found</b>
<a href="#">ANSC 400V</a>	Special Problems (Sp, Su, Fa)
<a href="#">ANSC 401V</a>	Internship in Animal Sciences (Sp, Su, Fa)
<a href="#">ANSC 4072</a>	Advanced Equine Selection and Evaluation (Fa)
<a href="#">ANSC 410V</a>	Special Topics in Animal Sciences (Irregular)
<a href="#">ANSC 4123</a>	Legal Issues in Animal Agriculture (Odd years, Sp)
<a href="#">ANSC 4291</a>	Livestock Senior Judging Team Activity (Fa)
<a href="#">AFLS 400VH</a>	Honors Thesis (Sp, Su, Fa)
<a href="#">AGEC 1103</a>	Principles of Agricultural Microeconomics (Sp, Su, Fa)
<a href="#">AGEC 2103</a>	Principles of Agricultural Macroeconomics (Sp, Fa)
<a href="#">AGEC 2303</a>	Introduction to Agribusiness (Sp, Su, Fa)
<a href="#">AGME 2903</a>	Agricultural and Human Environmental Sciences Applications of Microcomputers (Sp, Su, Fa)
<a href="#">BIOL 1601L</a>	Principles of Zoology Laboratory (ACTS Equivalency = BIOL 1054 Lab) (Su, Fa)
<a href="#">BIOL 1603</a>	Principles of Zoology (ACTS Equivalency = BIOL 1054 Lecture) (Su, Fa)
<a href="#">BIOL 2531L</a>	Cell Biology Laboratory (Sp, Fa)
<a href="#">BIOL 2533</a>	Cell Biology (Sp, Fa)
<a href="#">CSES 1203</a>	Introduction to Plant Sciences (Sp, Fa)
<a href="#">CSES 2013</a>	Pest Management (Sp)
<a href="#">CHEM 1101L</a>	University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab) (Sp, Su, Fa)
<a href="#">CHEM 1103</a>	University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) (Su, Fa)
<a href="#">CHEM 1121L</a>	University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab) (Sp, Su, Fa)
<a href="#">CHEM 1123</a>	University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) (Sp, Su, Fa)
<a href="#">CHEM 2261L</a>	Analytical Chemistry Laboratory (Sp, Fa)
<a href="#">CHEM 2263</a>	Analytical Chemistry Lecture (Sp, Fa)
<a href="#">FDSC 2503</a>	Food Safety and Sanitation (Sp, Fa)
<a href="#">MATH 1213</a>	Plane Trigonometry (ACTS Equivalency = MATH 1203) (Sp, Su, Fa) ( or higher)
<a href="#">PHYS 2011L</a>	College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) (Su, Fa)
<a href="#">PHYS 2013</a>	College Physics I (ACTS Equivalency = PHYS 2014 Lecture) (Su, Fa)
<a href="#">PHYS 2031L</a>	College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab) (Su)
<a href="#">PHYS 2033</a>	College Physics II (ACTS Equivalency = PHYS 2024 Lecture) (Sp, Su)
<a href="#">POSC 2353</a>	Poultry Breeder Management (Sp)
<a href="#">ACCT 2013</a>	Accounting Principles (Sp, Su, Fa)
<a href="#">BLAW 2013</a>	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 [UConnect Degree Audit for complete course list.](#))

	First Year	Units
		Fall/Spring
<a href="#">UNIV 1001</a> University Perspectives (Sp, Su, Fa)		1
<a href="#">ANSC 1001L</a> Introductory to Animal Sciences Laboratory (Sp, Fa)		1

<a href="#">ANSC 1032</a> Introductory Animal Sciences (Sp, Fa)	2
<a href="#">BIOL 1543</a> Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) (Sp, Su, Fa)	4
& <a href="#">BIOL 1541L</a> Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Sp, Su, Fa)	
<a href="#">ANSC 1041</a> Introduction to Companion Animal Industry (Sp, Fa)	1
or <a href="#">ANSC 1051</a> Introduction to the Livestock Industry (Sp, Fa)	
<a href="#">ENGL 1013</a> Composition I (ACTS Equivalency = ENGL 1013) (Sp, Su, Fa)	3
<a href="#">MATH 1203</a> College Algebra (ACTS Equivalency = MATH 1103) (Sp, Su, Fa) (OR higher level math)	3
<a href="#">ANSC 2003</a> Introduction to Equine Industry (Sp)	3
<a href="#">ANSC 2252L</a> Introduction to Livestock and Meat Evaluation (Sp)	2
<b>Discipline-related Elective* (CHEM 1103/1101L if completing University Chemistry I&amp;II requirement)</b>	<b>3-4</b>
<a href="#">ENGL 1023</a> Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)	3
Social Sciences Core Elective*	3
Fine Arts/Humanities Core Elective*	3
<del>Fine Arts/Humanities Core Elective</del>	<del>- 3</del>
Year Total:	15 17
Second Year	
	Units
	FallSpring
<b>Choose 4 hours Chemistry from:</b>	<b>4</b>
<a href="#">CHEM 1073</a> Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) (Su, Fa)	
& <a href="#">CHEM 1071L</a> Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab) (Fa)	
<b><a href="#">CHEM 1123</a> University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) (Sp, Su, Fa)</b>	
<b>&amp; <a href="#">CHEM 1121L</a> University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab) (Sp, Su, Fa)</b>	
Fine Arts/Humanities Core Elective*	3
<a href="#">ANSC 3723</a> Horse and Livestock Merchandising (Fa)	3
<a href="#">ANSC 3433</a> Fundamentals of Reproductive Physiology (Fa)	3
<a href="#">ANSC 2781</a> Career Preparation and Development (Fa)	1
<a href="#">ANSC 3072</a> Equine Selection and Evaluation (Sp)	2
<a href="#">ANSC 3133</a> Animal Breeding and Genetics (Sp)	3
Communication Intensive Elective*	3
<b>Discipline-related Elective*</b>	<b>5</b>
Social Science Core Elective*	3
<b>Select one of the following:</b>	<b>- 3-4</b>
<del><a href="#">CHEM 2613</a> Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture) (Sp, Su, Fa)</del>	<del>- -</del>
<del>&amp; <a href="#">CHEM 2611L</a> Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab) (Sp, Su, Fa)</del>	<del>- -</del>
<del>(Or students may select a 3-hour Social Science Core Elective if completing CHEM 3603/3601L in fall of third year.)</del>	
Year Total:	14 16
Third Year	
	Units
	FallSpring
<a href="#">ANSC 4142</a> Advanced Animal Handling Techniques (Sp, Fa)	2
Animal Science Electives*	5
<b>Select one of the following:</b>	<b>3-4</b>
<del>Social Science Core Elective</del>	<del>-</del>
<del>(Or students may select CHEM 3603 &amp; CHEM 3601L Organic Chemistry I and Lab if completing a Social Science Core in spring of second year.)</del>	
<b>Select one of the following:</b>	<b>4</b>
<b><a href="#">CHEM 3603</a> Organic Chemistry I (Su, Fa)</b>	
<b>&amp; <a href="#">CHEM 3601L</a> Organic Chemistry I Laboratory (Su, Fa)</b>	
<b><a href="#">CHEM 2613</a> Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture) (Sp, Su, Fa)</b>	
<b>&amp; <a href="#">CHEM 2611L</a> Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab) (Sp, Su, Fa)</b>	
<a href="#">BIOL 2013</a> General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) (Sp, Su, Fa)	4
& <a href="#">BIOL 2011L</a> General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) (Sp, Su, Fa)	
<a href="#">ANSC 4173</a> Thoroughbred Horse Industry (Odd years, Sp)	3
or <a href="#">ANSC 4283</a> Horse Production (Sp)	
Animal Science Electives*	5
<a href="#">ANSC 3143</a> 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
<a href="#">ANSC 4283</a> Horse Production (Sp) or <a href="#">ANSC 4173</a> Thoroughbred Horse Industry (Odd years, Sp)	3
ANSC Core Elective*	2
<del>Discipline-related Electives</del>	- 4
<b>Discipline-related Electives*</b>	<b>1-2</b>
General Electives	5
Year Total:	14 12
Total Units in Sequence:	120

No	Are Similar Programs available in the area?
Estimated Student Demand for Program	60
Scheduled Program Review Date	March 2015
Program Goals and Objectives	
<b>Program Goals and Objectives</b>	
Program Goals and Objectives unchanged.	
Learning Outcomes	
<b>Learning Outcomes</b>	
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 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	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	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-eqsc-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