

Date Submitted: 09/23/22 10:21 am

Viewing: **ANSCBS-ANET : Animal Science: Animal Enterprise Concentration**

Last approved: 05/21/21 12:19 pm

Last edit: 09/28/22 3:40 pm

Changes proposed by: watkinsv

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

Submitter: User ID: lkulcza Phone: 7456  
 Program Status: Active  
 Academic Level: Undergraduate  
 Type of proposal: Concentration  
 Select a reason for this modification  
 Making Minor Changes to an Existing Certificate, Degree or Program (including 15 or fewer hours, admission/graduation requirements, Focused Studies or Tracks)  
 Effective Catalog Year: Fall 2023  
 College/School Code: Bumpers College of Agricultural, Food, and Life Sciences (AFLS)  
 Department Code: Department of Animal Science (ANSC)  
 Program Code: ANSCBS-ANET  
 Degree: Bachelor of Science in Agricultural, Food & Life Sciences  
 CIP Code: 01.0901 - Animal Sciences, General.  
 Program Title: Animal Science: Animal Enterprise 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? ~~120~~ **20-21**

**Program Requirements and Description**

Requirements

**In Workflow**

1. AFLS Dean Initial
2. Director of Curriculum Review and Program Assessment
3. Registrar Initial
4. Institutional Research
5. ANSC Chair
6. ANSC Curriculum Committee
7. AFLS Faculty
8. AFLS Dean
9. Global Campus
10. Provost Review
11. Undergraduate Council
12. Faculty Senate
13. Provost Final
14. Registrar Final
15. Catalog Editor Final

**Approval Path**

1. 03/15/22 8:48 am Lona Robertson (lrobert): Approved for AFLS Dean Initial
2. 03/16/22 12:26 pm Alice Griffin (agriffin): Rollback to Initiator
3. 09/09/22 3:28 pm Lona Robertson (lrobert): Approved for AFLS Dean Initial
4. 09/12/22 2:34 pm Alice Griffin (agriffin): Rollback to Initiator
5. 09/23/22 1:47 pm Lona Robertson (lrobert): Approved for AFLS Dean Initial
6. 09/28/22 10:47 am Alice Griffin (agriffin): Approved for Director of Curriculum Review and Program Assessment
7. 09/28/22 3:41 pm Gina Daugherty (gdaugher): Approved for Registrar Initial
8. 09/28/22 4:09 pm Doug Miles (dmiles): Approved for Institutional Research
9. 09/29/22 9:06 am Michael Looper (looper): Approved for ANSC Chair
10. 12/05/22 12:37 pm Jefferson Miller (jdmiller): Approved for ANSC Curriculum Committee
11. 12/09/22 12:41 pm Garry McDonald (gmcdonal): Approved for AFLS Faculty
12. 12/09/22 1:00 pm Lona Robertson (lrobert): Approved for AFLS Dean
13. 12/09/22 1:02 pm Suzanne Kenner (skenner): Approved for Global Campus
14. 12/20/22 9:10 pm Jim Gigantino (jgiganti): Approved for Provost Review

**History**

1. May 7, 2020 by Jamie Newberry (jstarks)
2. Dec 10, 2020 by Karen Turner (kjestal)
3. May 21, 2021 by Lisa Kulczak (lkulcza)

**Requirements for Animal Enterprise Concentration**

Animal Enterprise (21 hours)		
<a href="#">ANSC 3072</a>	Equine Selection and Evaluation ((ANSC 3761L - Ranch Horse Rending must be taken twice to fulfill this requirement))	2
or <a href="#">ANSC 3282</a>	Livestock Judging and Selection	
or <a href="#">ANSC 3761L</a>	Ranch Horse Riding	
<a href="#">ANSC 4163</a>	Companion Animal Nutrition	3
or <a href="#">ANSC 4553</a>	Forage-Ruminant Relations	
<a href="#">AGEC 3303</a>	Food and Agricultural Marketing	3
or <a href="#">ANSC 3723</a>	Horse and Livestock Merchandising	

<a href="#">ANSC 2333</a>	Introduction to Animal Health	3
or <a href="#">ANSC 3003</a>	Applied Animal Parasitology	
or <a href="#">ANSC 3013</a>	Parasitisms of Domesticated Non-Herbivores	
or <a href="#">ANSC 3333</a>	Diseases of Livestock	
or <a href="#">ANSC 3613</a>	Meat Science	
Select 4 hours from the following		4
<a href="#">ANSC 4252</a>	Cow-Calf Management	
<a href="#">ANSC 4262</a>	Swine Production	
<a href="#">ANSC 4272</a>	Sheep Production	
<a href="#">ANSC 4282</a>	Horse Production	
<a href="#">ANSC 4452</a>	Milk Production	
<a href="#">ANSC 4482</a>	Companion Animal Management	
<a href="#">ANSC 4652</a>	Stocker-Feedlot Cattle Management	
<a href="#">ANSC 4662</a>	<a href="#">Comparative Studies in Panamanian and US Agricultural Practices</a>	
<a href="#">ANSC 4662</a>	<a href="#">Comparative Studies in Panamanian and US Agricultural Practices</a>	
<a href="#">ANSC 410V</a>	Special Topics in Animal Sciences ((Study Abroad to New Zealand or Australia))	
Select 6 hours from the following:		6
<a href="#">ANSC 2003</a>	Introduction to Equine Industry	
<a href="#">AGEC 2143</a>	Agribusiness Financial Records	
<a href="#">AGEC 3403</a>	Farm Business Management	
<a href="#">CSES 1203</a>	Introduction to Plant Sciences	
<a href="#">ASTM 2903</a>	Agricultural and Human Environmental Sciences Applications of Microcomputers	
<a href="#">EDSC 2523</a>	Sanitation and Safety in Food Processing Operations	
Total Hours		21



8-Semester Plan

**Animal Science B.S.A. with Animal Enterprise 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
<a href="#">UNIV 1001</a> University Perspectives	1
<a href="#">ENGL 1013</a> Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3
<a href="#">ANSC 1033</a> Introductory Animal Sciences	3
<a href="#">BIOL 1543</a> Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) & <a href="#">BIOL 1541L</a> Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Satisfies General Education Outcome 3.4)	4
<a href="#">MATH 1203</a> College Algebra (ACTS Equivalency = MATH 1103) (Satisfies General Education Outcome 2.1)	3
<a href="#">ANSC 1281</a> Career Preparation and Development	1
<a href="#">CHEM 1073</a> Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) & <a href="#">CHEM 1071L</a> Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab) (Satisfies General Education Outcome 3.4)	4
<a href="#">ENGL 1023</a> Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)	3
<a href="#">ANSC 2113</a> Introduction to Animal Evaluation and Handling & <a href="#">ANSC 2111L</a> Introduction To Animal Evaluation and Handling Lab	4
General Elective	- 2
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2) <sup>1,2</sup>	- 3
General Elective	3
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2 & 5.1) <sup>2,3</sup>	- 3
Year Total:	15 17
Second Year	Units
	Fall Spring
Satisfies General Education Outcome 3.4:	
<a href="#">CHEM 1073</a> Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) & <a href="#">CHEM 1071L</a> Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab) or <a href="#">CHEM 1123/1121L</a> University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture)	4 -
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2) <sup>1,2</sup>	3 -
<a href="#">BIOL 2013</a> General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) & <a href="#">BIOL 2011L</a> General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) or <a href="#">ANSC 2413</a> and <a href="#">ANSC 2411L</a> Choose 1-3 hours from the following: <a href="#">ANSC 3282</a> Livestock Judging and Selection <sup>5</sup> <a href="#">ANSC 3761L</a> Ranch Horse Riding Fine Arts/Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2) <sup>2,3</sup>	4 -
ANET Concentration Elective or History Core Elective (Satisfies General Education Outcome 4.2)	3
<a href="#">ANSC 3213</a> Behavior of Domestic Animals	3
ANSC Enterprise Elective	3 -
Chemical or Physical Sciences Elective	4 -
<a href="#">ANSC 3333</a> Introduction to Animal Health or <a href="#">ANSC 3003</a> Applied Animal Parasitology or <a href="#">ANSC 3013</a> Parasitisms of Domesticated Non-Herbivores or <a href="#">ANSC 3613</a> Meat Science	- 3
<a href="#">BIOL 2013</a> General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) & <a href="#">BIOL 2011L</a> General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) Choose 1-3 hours from the following: <sup>6</sup> <a href="#">ANSC 3072</a> Equine Selection and Evaluation Chemical or Physical Science Elective	4 -
Fine Arts/Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2) <sup>2,3</sup> <a href="#">ANSC 3761L</a> Ranch Horse Riding (OR General Elective) <sup>7</sup>	3
U.S. History or Government State Minimum Core Elective (Satisfies General Education Outcome 4.2) or ANET Concentration Elective	3
Social Science Core Elective (Satisfies General Education Outcome 3.3)	3
Communication Intensive Elective (Satisfies General Education Outcome 1.2) <sup>1</sup>	3
General Elective	3-4
Year Total:	17 14
Third Year	Units
	Fall Spring
General Elective	3
<a href="#">ANSC 3433</a> Fundamentals of Reproductive Physiology	3
<a href="#">ANSC 3143</a> Principles of Animal Nutrition & <a href="#">ANSC 3141L</a> Animal Nutrition Laboratory	4
Animal Enterprise Electives	3 -
Communication Intensive Elective <sup>8</sup>	3 -
<a href="#">ANSC 3123</a> Principles of Genetics (OR ANET Concentration Elective) <sup>9</sup> (Must take ANSC 3123 if not planning to take ANSC 3133 in Spring Year 3)	3
<a href="#">ANSC 3723</a> Horse and Livestock Merchandising	3
Communication Intensive Elective <sup>8</sup>	3 -
Social Science State Minimum Core Elective (Satisfies General Education Outcomes 3.3 and 4.1) <sup>4</sup>	3
Communication Intensive Elective (Satisfies General Education Outcome 5.1) <sup>1</sup>	3
<a href="#">ANSC 3033</a> Animal Physiology <a href="#">ANSC 3923</a> Horse and Livestock Merchandising or <a href="#">AGED 3303</a> Food and Agricultural Marketing	- 3
<a href="#">ANSC 3133</a> Animal Breeding and Genetics (OR ANET Concentration Elective) <sup>9</sup> (Must take ANSC 3133 if ANSC 3123 not taken in Fall Year 3)	3
ANET Concentration Elective and/or General Elective	4
Year Total:	16 16
Fourth Year	Units
	Fall Spring
ANSC Core Elective and/or General Elective	4
<a href="#">ANSC 4553</a> Forage-Ruminant Relations (OR ANET Concentration Elective) <sup>9</sup>	3
General Electives and/or ANET Concentration Elective	4
Social Science State Minimum Core Elective (Satisfies General Education Outcome 3.3)	3
<a href="#">ANSC 4163</a> Companion Animal Nutrition or <a href="#">ANSC 4552</a> Course ANSC 4552 Not Found	3 -
General Electives	6 -
ANSC Enterprise Electives	- 4
General Electives	- 5 <sup>6</sup>
<a href="#">ANSC 4163</a> Companion Animal Nutrition (OR ANET Concentration Elective) <sup>9</sup> (Must take ANSC 4163 if ANSC 4553 not taken in Fall Year 4)	3
General Electives and/or ANSC Core Electives	4-6
<a href="#">ANSC 4993</a> Animal Science Capstone (Satisfies General Education Outcome 6.1)	3
Year Total:	14 11
Total Units in Sequence:	120

<sup>1</sup> Recommend [COMM 1313](#) or [AGED 4003](#) to satisfy General Education Outcomes 1.2 and 5.1. See academic adviser for complete list of Communication Intensive courses. [COMM 1313](#) is required for most Schools of Veterinary Medicine. The 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](#).

<sup>2</sup> The 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](#).

<sup>3</sup> The Humanities Elective courses which satisfy General Education Outcomes 3.2 and 5.1 include:

[CLST 1003](#), [CLST 1003H](#), [CLST 1013](#), [HUMN 1124H](#), [PHIL 2003](#), [PHIL 2003C](#), [PHIL 2003H](#), [PHIL 2103](#), or [PHIL 2103C](#).

<sup>4</sup> The Social Science Elective courses which satisfy General Education Outcomes 3.3 and 4.1 include: [ANTH 1023](#), [COMM 1023](#), [HDPS 1403](#), [HDPS 2413](#), [HIST 1113](#), [HIST 1113H](#), [HIST 1123](#), [HIST 1123H](#), [HIST 2093](#), [HUMN 1114H](#), [HUMN 2114H](#), [INST 2813](#), [INST 2813H](#), [PLSC 2013](#), [PLSC 2813](#), [PLSC 2813H](#), [RESM 2853](#), [SOCL 2013](#), [SOCL 2013H](#), or [SOCL 2033](#).

<sup>5</sup> [Must take ANSC 3282 or ANSC 3761L if not planning to take ANSC 3072 or ANSC 3761L in Spring Year 2](#)

<sup>6</sup> [Must take ANSC 3282 or ANSC 3761L if Fine Arts/Humanities taken in Fall Year 2](#)

<sup>7</sup> [Only choose ANSC 3761L if 1st hour taken in Fall Year 2](#)

<sup>8</sup>

Must take ANSC 4553 if not planning to take ANSC 4163 in Spring Year 4

No Are Similar Programs available in the area?

Estimated Student 60

Demand for Program

Scheduled Program See ANSCBS

Review Date

Program Goals and Objectives

**Program Goals and Objectives**

See ANSCBS program requirements.

Learning Outcomes

**Learning Outcomes**

See ANSCBS program requirements.

Description and justification of the request

**Description of specific change**

Add ANSC 3761L – this category requires 2 hours so 3761 should be repeated once to fulfill the 2-hour requirement  
 Change ANSC 4552 to ANSC 4553 – this course is in the approval process  
 Change total hours to 21.

**Justification for this change**

The department voted to allow CHEM 1103/01L to accommodate students who do not need extra chemistry courses or who transferred in CHEM 1 but not CHEM 2 and are not going to professional school.  
 ANSC 3761L is a course that is in the system and was added as options in the degree programs.  
 ANSC 4552 is currently being changed to ANSC 4553 to add a lab section. The modifications to the degree programs are to get this change into our program documentation.

Upload attachments

Reviewer Comments

- Alice Griffin (agriffin) (03/16/22 11:37 am):** Inserted course title for ANSC 4553.
- Alice Griffin (agriffin) (03/16/22 12:26 pm):** Rollback: Please review the eight semester plan and make sure that all eleven general education outcomes are listed and match the footnotes accordingly.
- Alice Griffin (agriffin) (09/12/22 2:34 pm):** Rollback: Please review email to address General Education Outcomes and footnote concerns. Thank you.
- Alice Griffin (agriffin) (09/27/22 12:34 pm):** Changed total hours to 120 hours to reflect total hours for program as requested by Registrar.