

Program Change Request

Date Submitted: 09/24/18 11:11 am

Viewing: **BS-ANSC-PIN+ : Animal Science - BS, Production/Industry Option**

Last approved: 03/01/18 3:30 pm

Last edit: 11/08/18 8:18 pm

Changes proposed by: d-witt

Catalog Pages Using this Program [Animal Science - BS, Production/Industry Option](#)

Contact(s)

Name	E-mail	Phone
Donna Witt	d-witt@tamu.edu	979-845-7616

Academic level	Undergraduate
Effective Term	2019-2020
Department	Animal Science
College	Agriculture & Life Sciences
Program type	Degree w/Concentration
Degree designation	BS - Bachelor of Science
With a major in	Animal Science (ANSC)
Associated Program	Not Applicable
With a concentration in	Production/Industry (PIN+)

Catalog Program Title
Animal Science - BS, Production/Industry Option

CIP and Fund code
01090100

Rationale for Proposal

Update the change in CHEM 101 and 111 to CHEM 119.

Update inclusion of STAT 201 to core MATH options.

Change in course prefix - DASC 326 will change to ANSC 326

Update the International & Cultural Diversity from 6 hours to 3 hours and add 3 hours of Cultural Discourse.

~~Justification: Over the course of the past two years the Department of Animal Science has conducted a faculty-led redesign of the curriculum. This effort was supported by the Center for Teaching Excellence at Texas A&M University and relied heavily on data collected from the department's stakeholders (students, industry, internal faculty, and external faculty). Using a data-driven systematic process the committee was able to: 1) define their discipline with intentional focus on why and for whom it exists 2) determine the knowledge and skills required of today's animal scientist 3) develop a disciplinary purpose aligned curriculum. These outputs were used to develop 3 disciplinary specific outcomes and 7 universal skill outcomes that have been built into every aspect of the curriculum. Accordingly, new degree plans, new courses, changes to required courses, and redefined prerequisites for existing courses, all of which align with the outcomes, are being submitted for approval and subsequent implementation.~~

Program hours	120
Is this program eligible for financial aid?	Yes

In Workflow

1. ANSC Department Head
2. Curricular Services Review
3. AG Committee Preparer UG
4. AG Committee Chair UG
5. AG College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services

Approval Path

1. 09/18/18 12:32 pm
Cliff Lamb (gclamb): Approved for ANSC Department Head
2. 09/21/18 1:38 pm
Angel Mario Carrizales (carri1214): Rollback to Initiator
3. 09/24/18 12:56 pm
Wes Osburn (osburnw): Approved for ANSC Department Head
4. 09/25/18 3:38 pm
Angel Mario Carrizales (carri1214): Approved for Curricular Services Review
5. 09/25/18 3:44 pm
Dawn Kerstetter (dkerstetter): Approved for AG Committee Preparer UG
6. 10/05/18 9:48 am
Bob Knight (bob-knight): Approved for AG Committee Chair UG
7. 10/05/18 9:57 am
Dawn Kerstetter (dkerstetter): Approved for AG College Dean UG
8. 10/08/18 1:53 pm
Sandra Williams (sandra-williams): Approved for UCC Preparer
9. 11/05/18 2:57 pm
Sandra Williams (sandra-williams): Approved for UCC Chair

Will program hours change (increase/decrease) due to the proposed curriculum changes?
 No

Program delivery mode
 On-campus

History

1. Mar 1, 2018 by Donna Witt (d-witt)

Catalog Program Requirements

Code	Title	Semester Credit Hours
Animal Science Core Curriculum 1		
ANSC 101	Introductory Seminar for Animal Science	1
ANSC 108	General Animal Science Laboratory	1
ANSC 111	Animal Production Systems	3
ANSC 113	Farm Animal Biosystems	2
ANSC 303/NFSC 303	Principles of Animal Nutrition	3
ANSC 305	Animal Breeding	3
ANSC 307/NFSC 307	Meats	3
ANSC 318	Animal Feeds and Feeding	3
ANSC 333	Reproduction in Farm Animals	3
ANSC 399	Animal Science Experience	0
ANSC 498	Animal Science Capstone	4
Animal science disciplinary focus		8
Select two of the following:		
ANSC 404	Behavior and Management of Domestic Animals	
ANSC 406	Beef Cattle Production and Management	
ANSC 408	Management of Stocker and Feedlot Cattle	
ANSC 412	Swine Production and Management	
ANSC 414	Sheep and Goat Production and Management	
ANSC 420	Equine Production and Management	
ANSC 434	Animal Reproduction Management	
ANSC 447	Advanced Meat Science and Technology	
DASC 418	Dairy Science Consortium	
Production/Industry Option Curriculum		
ACCT 209	Survey of Accounting Principles	3
ACCT 210	Survey of Managerial and Cost Accounting Principles	3
Ag elective		3
Finance elective		3
Select one of the following:		
AGEC 330	Financial Management in Agriculture	
FINC 409	Survey of Finance Principles	
Management elective		3
Select one of the following:		
AGEC 325	Principles of Farm and Ranch Management	
AGEC 340	Agribusiness Management	
MGMT 309	Survey of Management	
Statistics Elective		3
Select one of the following:		
STAT 301	Introduction to Biometry	
STAT 302	Statistical Methods	
STAT 303	Statistical Methods	
ANSC 309	Applied Animal Record Keeping	
CHEM 222	Elements of Organic and Biological Chemistry	3
GENE 301	Comprehensive Genetics	3
Microbiology elective		3
BIOL 206	Introductory Microbiology	
or ANSC 326	or Food Bacteriology	
Directed electives		9
Any ANSC courses taken at Texas A&M		
General electives		6
University Core Curriculum		

Code	Title	Semester Credit Hours
ANSC 107	General Animal Science	3
BIOL 111	Introductory Biology I	4
or BIOL 107	or Zoology	
CHEM 101 & CHEM 111	Course CHEM 101 Not Found and Fundamentals of Chemistry Laboratory I	4
CHEM 119	Fundamentals of Chemistry I	4
Communication		6
Government/Political science 2		6
POLS 206	American National Government	
POLS 207	State and Local Government	
Social and behavioral sciences 3		3
Select one of the following:		
AGEC 105	Introduction to Agricultural Economics	
ECON 202	Principles of Economics	
ECON 203	Principles of Economics	
American history 3		6
Language, philosophy and culture 3		3
Mathematics		6
Creative arts 3		3
Foreign language requirement (see Foreign Language table)		
International and cultural diversity and Cultural Discourse courses 3		
Writing-intensive 4		
Total Semester Credit Hours		120

- 1 Students are required to make a C or better for each of their courses in the major coursework area.
- 2 Credit by examination may be substituted for [POLS 206](#) or [POLS 207](#).
- 3 The Graduation requirements include 3 hours of international and cultural diversity and 3 hours cultural discourse courses. A course satisfying a Core category, a college/department requirement, or a free elective can be used to satisfy this requirement. See academic advisor.
- 4 All undergraduate students must take at least (2) specific courses in their major designated as writing intensive (W). To be chosen in consultation with your academic advisor.

Foreign Language

Code	Title	Semester Credit Hours
Option 1	Completed two years high school foreign language	
Option 2	Select one of the following:	
CLAS 101 & CLAS 102	Beginning Classical Greek I and Beginning Classical Greek II	8
CLAS 121 & CLAS 122	Beginning Latin I and Beginning Latin II	8
FREN 101 & FREN 102	Beginning French I and Beginning French II	8
GERM 101 & GERM 102	Beginning German I and Beginning German II	8
ITAL 101 & ITAL 102	Beginning Italian I and Beginning Italian II	8
JAPN 101 & JAPN 102	Beginning Japanese I and Beginning Japanese II	8
RUSS 101 & RUSS 102	Beginning Russian I and Beginning Russian II	8
SPAN 101 & SPAN 102	Beginning Spanish I and Beginning Spanish II	8

Additional information

- Required Proposal Forms [STAT Approval.pdf](#)
[ANSC-PIN.pdf](#)
[President Approval Faculty Senate Items 121117.pdf](#)
[ANSC-PIN option changes.pdf](#)

Reviewer Comments **Angel Mario Carrizales (carri1214) (09/21/18 1:38 pm):** Rollback: To be consistent with how the ICD requirement (Footnote 3) is listed in the courses list, please add Cultural Discourse as an entry.

Angel Mario Carrizales (carri1214) (09/25/18 3:38 pm): Concern addressed.

Sandra Williams (sandra-williams) (11/05/18 2:57 pm): UCC approved November 2018.


[Print](#)

Detail Requirements

Donna M. Witt
Aug 17, 2018 02:07 pm

Viewing: [Degree Evaluation \(DEGEVAL, , Email\)](#)
[Change Student](#)

Information for [Degree Evaluation](#)

 This is NOT an official evaluation.

Print Instructions

Program Evaluation

Limitation Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.
Limitation Combination: Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.
Limitation Maximum of 4hrs of ANSC 400 may be used in this program.
 Maximum of 4hrs of ANSC 485 may be used in this program.
 Maximum of 5hrs of ANSC 494 may be used in this program.

Program :	BS ANSC-Production/Industry	Catalog Term :	Fall 2018 - College Station
Campus :	College Station	Evaluation Term :	Fall 2018 - College Station
College :	Agriculture & Life Sciences	Expected Graduation Date :	
Degree :	Bachelor of Science	Request Number :	89
Level :	Undergraduate	Results as of :	Aug 17, 2018
Majors :	Animal Science	Minors :	
Departments :	Animal Science	Concentrations :	

	Met	Credits	Used	Courses	Used
		Required		Required	
Total Required :	No	120.000	0.000		0
Program GPA :	Yes	.00	.00		
Overall GPA :	No	2.00	.00		
Other Course Information					
Transfer :			0.000		0

This is NOT an official evaluation.

Area : Major Coursework (34.000 credits) - Not Met

Description :

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	ANSC 101	1hr												
No	AND	B.	ANSC 108	1hr												
No	AND	C.	ANSC 111	3hrs												
No	AND	D.	ANSC 113	2hrs												
No	AND	E.	ANSC 303	3hrs												
No	AND	F.	ANSC 305	3hrs												
No	AND	G.	ANSC 307	3hrs												
No	AND	H.	ANSC 318	3hrs												
No	AND	I.	ANSC 333	3hrs												
No	AND	J.	ANSC 399	0hrs												
No	AND	K.	ANSC 498	4hrs												
No	AND	L.	ANSC	Disciplinary Focus	8hrs											

Select from ANSC 404, 406, 408, 412, 414, 420, 434, 447;
DASC 418.

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Emphasis Area Electives (9.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	Directed Electives	9hrs												

Choose any ANSC course taken in residence at TAMU.

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Supporting Coursework (18.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	ACCT 209	3hrs												
No	AND	B.	ACCT 210	3hrs												
No	AND	C.	Ag Elective	3hrs												
No	AND	D.	Finance Elective	3hrs												
No	AND	E.	Management Elective	3hrs												
No	AND	F.	Statistic Elective	3hrs												

Select from any 100-499 course offered by the College of Agriculture and Life Sciences

Select from AGECE 330; FINC 409

Select from AGECE 325, 340; MGMT 309

Select from STAT 301-303; ANSC 309

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Communication (6.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	Communication Requirement	6hrs												

Select any courses with the Communication attribute [KCOM].

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Mathematics (6.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	Mathematics Rqmt I	3hrs												
No	AND	B.	Mathematics Rqmt II	3hrs												

Select from any course with the Mathematics attribute [KMTH].

Select from any course with the Mathematics attribute [KMTH].

Mathematics Rqmt 6hrs
Select from any course with the MATH or STAT prefix and [KMTH] attribute

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Life and Physical Sciences (11.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	CHEM 107/111	4hrs												

Change to CHEM 119 4hrs

No AND B. Biology Rqmt 4hrs
 Select from BIOL 111 or 107
 No AND C. ANSC 107 3hrs

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Additional Science Requirement (9.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
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No A. CHEM 222 3hrs
 No AND B. GENE 301 3hrs
 No AND C. Microbiology Rqmt 3hrs
 Select from ~~DASC 326~~, BIOL 206

Course is changing to ANSC 326

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Language, Philosophy & Culture (3.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
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No A. Lang, Phil, Culture Rqmt 3hrs
 Select any course with the Language, Philosophy and Culture attribute [KLPC].

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Creative Arts (3.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
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No A. Creative Arts Requirement 3hrs
 Select three hours from any course with the Creative Arts attribute [KCRA].

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Social and Behavioral Science (3.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
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No A. Economics Rqmt 3hrs
 Select 3 hrs of coursework from AGECE 105; ECON 202, 203.

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Citizenship (12.000 credits) - Not Met

Description : Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course Title	Attribute	Credits	Grade	Source
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No A. American History Rqmt 6hrs
 Select from any course with the [KHIS] attribute.

No AND B. Political Science Rqmt 6hrs
 Take POLS 206 and POLS 207.

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : General Electives (6.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No	A.		General Electives	6hrs												
													Total Credits and GPA	0.000	.00	

Select from any course 100-499

unofficial evaluation

Area : Work Not Applied - Met

Description : See advisor for acceptable substitutions.

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No	A.		Courses not applied													
													Total Credits and GPA	0.000	.00	

unofficial evaluation

Area : University Writing Requirement - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No	A.		Writing Requirement													
													Total Credits and GPA	0.000	.00	

Two courses required.
Only sections of ANSC with the Writing attribute [UWRT] or Communication attribute [UCRT] may be used to satisfy this requirement.

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Area : Int'l & Cult Diversity - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No	A.		Int'l & Cultural Diversity	6hr			3hr									
													Total Credits and GPA	0.000	.00	

Select from courses with the International and Cultural Diversity attribute [UICD] (except sections of BUSN 289 with the UWRT attribute).

Add Cultural Discourse 3hr

unofficial evaluation

Area : Foreign Language - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No	A.		Foreign Language Rqmt													
													Total Credits and GPA	0.000	.00	

Complete one of the following:
1. Two years of the same foreign language in High School.
2. A two semester sequence of the same foreign language for University credit.

unofficial evaluation

Area : Residence Requirement - Not Met

Description : A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
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No		A.	Residence - Major 12hrs <i>Select from ANSC 300-499; NFSC 303, 307.</i>
No	AND	B.	Residence 300-499 24hrs <i>Select from any 300-400 level course at Texas A&M.</i>

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : GPR-Major - Not Met

Description : A minimum GPR of 2.000 is required in all major field of studies courses.

Met	Condition Rule	Subject	Attribute	Low	High	Required	Required	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
						Credits	Courses								

No		A.	Major GPR 31+hours <i>Includes ANSC 100-499; DASC 326; NFSC 303, 307.</i>
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Total Credits and GPA 0.000 .00

unofficial evaluation

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