

Program Change Request

Date Submitted: 09/24/18 11:10 am

Viewing: **BS-ANSC-ANS : Animal Science - BS, Science Option**

Last approved: 03/01/18 3:29 pm

Last edit: 11/08/18 8:17 pm

Changes proposed by: d-witt

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

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 Science (ANS)

Catalog Program Title
Animal Science - BS, Science Option
 CIP and Fund code 01090100

Rationale for Proposal

Update the change in CHEM 101 and 111 to CHEM 119. Update the change in CHEM 102 and 112 to CHEM 120.
~~Justification: Update Over the International & Cultural Diversity from 6 hours to 3 hours and add 3 hours course of Cultural Discourse. the past two years the Department of Animal Science has conducted a faculty led redesign of the curriculum.~~
Update inclusion of STAT 201 to core MATH options. Change requirement of PSYC 107 to any core Social Science options.
Change course prefix from DASC 326/327 to ANSC 326/327. 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
 Will program hours change? No

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 12:31 pm
Cliff Lamb (gclamb): Approved for ANSC Department Head
2. 09/21/18 1:37 pm
Angel Mario Carrizales (carri1214): Rollback to Initiator
3. 09/24/18 12:55 pm
Wes Osburn (osburnw): Approved for ANSC Department Head
4. 09/25/18 3:35 pm
Angel Mario Carrizales (carri1214): Approved for Curricular Services Review
5. 09/25/18 3:41 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

(increase/decrease)
due to the proposed
curriculum changes?

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		
Select from the following:		
ANSC 404	Behavior and Management of Domestic Animals	8
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	
Science Option Curriculum		
BIOL 112	Introductory Biology II	4
CHEM 102	Course CHEM 102 Not Found	4
& CHEM 112	and Fundamentals of Chemistry Laboratory II	
CHEM 120	Fundamentals of Chemistry II	4
CHEM 227	Organic Chemistry I	3
CHEM 237	Organic Chemistry Laboratory	1
CHEM 228	Organic Chemistry II	3
CHEM 238	Organic Chemistry Laboratory	1
BICH 410	Comprehensive Biochemistry I	3
BICH 411	Comprehensive Biochemistry II	3
GENE 301	Comprehensive Genetics	4
& GENE 312	and Comprehensive Genetics Laboratory	
Microbiology elective		
Select one of the following:		
ANSC 326	Food Bacteriology	
& ANSC 327	and Food Bacteriology Lab	
BIOL 206	Introductory Microbiology	
BIOL 351	Fundamentals of Microbiology	
DASC 326/NFSC 326	Food Bacteriology	
& DASC 327/NFSC 327	and Food Bacteriology Lab	
VTPB 405	Biomedical Microbiology	
Statistics Elective		
Select one of the following:		
STAT 301	Introduction to Biometry	
STAT 302	Statistical Methods	
STAT 303	Statistical Methods	
General electives 2		
University Core Curriculum		
ANSC 107	General Animal Science	3

Code	Title	Semester Credit Hours
BIOL 111	Introductory Biology I	4
CHEM 101	Course CHEM 101 Not Found	4
CHEM 111	and Fundamentals of Chemistry Laboratory I	
CHEM 119	Fundamentals of Chemistry I	4
ENGL 104	Composition and Rhetoric	3
ENGL 210	Technical and Business Writing	3
or COMM 203	or Public Speaking	
Government/Political science electives		3
PSYC 107	Introduction to Psychology	3
American History elective		4
Language, Philosophy and Culture elective		4
Mathematics elective		6
Creative arts elective		4
Foreign language requirement (see Foreign Language table)		
International and cultural diversity and Cultural Discourse courses		5
Writing-intensive courses		6
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 Students may choose to use general electives to complete a concentration in a pre-professional program, a pre-graduate study area, and/or a certificate program.

3 Credit by examination may be substituted for [POLS 206](#) or [POLS 207](#).

4 Certain courses in this University Core Curriculum category will fulfill credits toward the six-hour International and Cultural Diversity and Cultural Discourse requirement.

5 Remaining international and cultural diversity (ICD) and Cultural Discourse credits must be fulfilled if University Core Curriculum courses selected do not fulfill the six-hour ICD/CD requirement.

6 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	Beginning Classical Greek I	8
& CLAS 102	and Beginning Classical Greek II	
CLAS 121	Beginning Latin I	8
& CLAS 122	and Beginning Latin II	
FREN 101	Beginning French I	8
& FREN 102	and Beginning French II	
GERM 101	Beginning German I	8
& GERM 102	and Beginning German II	
ITAL 101	Beginning Italian I	8
& ITAL 102	and Beginning Italian II	
JAPN 101	Beginning Japanese I	8
& JAPN 102	and Beginning Japanese II	
RUSS 101	Beginning Russian I	8
& RUSS 102	and Beginning Russian II	
SPAN 101	Beginning Spanish I	8
& SPAN 102	and Beginning Spanish II	

Additional information

Required Proposal [STAT Approval.pdf](#)
Forms [ANSC SCIENCE.pdf](#)
[Changes to PSYC107.pdf](#)
[President Approval Faculty Senate Items 121117.pdf](#)
[ANSC-ANS option changes.pdf](#)

Reviewer Comments **Angel Mario Carrizales (carri1214) (09/21/18 1:37 pm)**: Rollback: Please edit the course list table and replace DASC 326 and DASC 327 with the new courses (ANSC 326, ANSC 327)
Angel Mario Carrizales (carri1214) (09/25/18 3:34 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 02:51 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-Science	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 :	91
Level :	Undergraduate	Results as of :	Aug 17, 2018
Majors :	Animal Science	Minors :	
Departments :	Animal Science	Concentrations :	

	Met	Credits	Used	Courses	Used
		Required	Used	Required	Used
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 : *Students must earn a minimum course grade of 'C' or better in ANSC major coursework.*

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

Must have a grade of 'C' or better.
 Select from ANSC 404, 406, 408, 412, 414, 420, 434, 447;
 DASC 418.

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Supporting Coursework (3.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	STAT	Elective 3hrs												
																Select from STAT 301-303.

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.	ENGL	104												
No	AND	B.	Communication	3hrs												Select from COMM 203; ENGL 210.

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												
																Select from any course with the Mathematics attribute [KMTH].
No	AND	B.	Mathematics	Rqmt II 3hrs												Select from any course with the Mathematics attribute [KMTH].

Mathematics Rqmt 6 hrs
 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	101/111 4hrs												
																Change to CHEM 119 4 hrs
No	AND	B.	BIOL	111 4hrs												
No	AND	C.	ANSC	107 3hrs												

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Additional Science Requirement (30.000 credits) - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	BIOL	112 4hrs												
No	AND	B.	CHEM	402 3hrs/ CHEM 442 1hr												Change to CHEM 120 4 hrs
No	AND	C.	CHEM	227 3hrs												
No	AND	D.	CHEM	237 1hr												
No	AND	E.	CHEM	228 3hrs												
No	AND	F.	CHEM	238 1hr												
No	AND	G.	BICH	410 3hrs												

No AND H. BICH 411 3hrs
 No AND I. GENE 301 3hrs & GENE 312 1hr
 No AND J. Microbiology Rqmt 4hrs
 Select from BIOL 206, 351; ~~DASC 326/327~~; VTPB 405.

Course will change
to ANSC 326/327

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. PSYC 107 3hrs
Social and Behavioral Sciences Requirement
Select 3 hours from any course with the Social and Behavioral Science attribute [KSOCI].

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 (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. General Electives 9hrs
 Select from any 100-499 course not used elsewhere.

Total Credits and GPA 0.000 .00

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
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No		A.	Courses not applied													
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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
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No		A.	Writing Requirement													
Two courses required. Only sections of ANSC with the Writing attribute [UWRT] or Communication attribute [UCRT] or UGST 491 with the Writing attribute [UWRT] may be used to satisfy this requirement.																

Total Credits and GPA 0.000 .00

unofficial evaluation

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
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No		A.	Int'l & Cultural Diversity 6hr 3hr													
Select from courses with the International and Cultural Diversity attribute [UICD] (except sections of BUSN 289 with the UWRT attribute).																

Add Cultural Discourse 3hr

Total Credits and GPA 0.000 .00

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
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No		A.	Foreign Language Rqmt													
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.																

Total Credits and GPA 0.000 .00

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													
Select from ANSC 300-499; NFSC 303, 307.																

No	AND	B.	Residence 300-499 24hrs													
Select from any 300-400 level course at Texas A&M.																

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 Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
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		Required Credits	Required Courses			
No	A.	Major GPR 20+hrs				
		<i>Includes ANSC 100-499, NFSC 303, 307.</i>				
				Total Credits and GPA	0.000	.00

unofficial evaluation

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