



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

Substantive Program Modification Form

UNIVERSITY:	SDSU
CURRENT PROGRAM DEGREE:	Bachelor of Science (B.S.)
CURRENT PROGRAM MAJOR/MINOR:	Animal Science
CURRENT SPECIALIZATION:	Industry Relations Specialization
CIP CODE:	01.0901
UNIVERSITY DEPARTMENT:	Animal Science
BANNER DEPARTMENT CODE:	SANS
UNIVERSITY COLLEGE:	Agriculture, Food and Environmental Sciences
BANNER COLLEGE CODE:	3F

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

Dennis D. Hedge

Vice President of Academic Affairs or
President of the University

4/3/2023

Date

1. This modification addresses a change in:

- | | |
|---|---|
| <input type="checkbox"/> Total credits required within the discipline | <input checked="" type="checkbox"/> Total credits of supportive course work |
| <input checked="" type="checkbox"/> Total credits of elective course work | <input type="checkbox"/> Total credits required for program |
| <input type="checkbox"/> Program name | <input checked="" type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input type="checkbox"/> Other (explain below) |
| <input type="checkbox"/> Modification requiring Board of Regents approval | |

Must have prior approval from Executive Director or designee

2. Effective date of change: 2023-2024 Academic Year

3. Program Degree Level:

Associate ☐ Bachelor's ☒ Master's ☐ Doctoral ☐

4. Category:

Certificate ☐ Specialization ☒ Minor ☐ Major ☒

5. If a name change is proposed, the change will occur:

- ☐ On the effective date for all students
- ☐ On the effective date for students new to the program (enrolled students will graduate from existing program)

Proposed new name:

Reminder: Name changes may require updating related articulation agreements, site approvals, etc.

6. Is the program being modified associated with a current articulation agreement?

Yes ☐ No ☒

- a. If yes, will the articulation agreement need to be updated with the partner institution following the approve of the program change? Please explain:

7. Primary Aspects of the Modification:

Existing Curriculum

Proposed Curriculum (highlight changes)

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
System General Education Requirement			30-34	System General Education Requirement			30-34
System General Education Requirement – Electives			9	System General Education Requirement – Electives			18
						SGR #1	3
						SGR #1	3
						SGR #2	3
		SGR #3	3			SGR #3	3
		SGR #4	3			SGR #4	3
		SGR #4	3			SGR #4	3
System General Education Requirement – Required			21-25	System General Education Requirement – Required			12-16
ENGL	101	Composition I (SGR #1)	3	ENGL	101	Composition I (SGR #1)	3
ENGL	201	Composition I (3) (SGR #1)	3	ENGL	201	Composition I (3) (SGR #1)	3
CMST	101	Fundamentals of Speech (SGR #2)	3	CMST	101	Fundamentals of Speech (SGR #2)	3
ECON	201	Principles of Microeconomics (SGR #3)	3	ECON	201	Principles of Microeconomics (SGR #3)	3
MATH OR MATH OR MATH OR MATH	114 115 121-121L 123	College Algebra (SGR #5) (3) MATH 115 Precalculus (SGR #5) (5) Survey of Calculus (SGR #5) (4,1) Calculus I (SGR #5) (4)	3-5	MATH OR MATH OR MATH OR MATH	114 115 121-121L 123	College Algebra (SGR #5) (3) MATH 115 Precalculus (SGR #5) (5) Survey of Calculus (SGR #5) (4,1) Calculus I (SGR #5) (4)	3-5
BIOL OR BIOL	101-101L OR 151-151L	Biology Survey I & Lab (2,1) (SGR #6) General Biology I & Lab (4) (SGR #6)	3-4	BIOL OR BIOL	101-101L OR 151-151L	Biology Survey I & Lab (2,1) (SGR #6) General Biology I & Lab (4) (SGR #6)	3-4
BIOL OR BIOL	103-103L OR 153-153L	Biology Survey I& Lab (2,1) (SGR #6) General Biology I & Lab (4) (SGR #6)	3-4	BIOL OR BIOL	103-103L OR 153-153L	Biology Survey I& Lab (2,1) (SGR #6) General Biology I & Lab (4) (SGR #6)	3-4
College Requirements			1	College Requirements			1
Students must complete a minimum of 11 credits from the approved list of Group 1 courses in Agriculture, Food and Environmental Science. Some departments require specific courses from the list, whereas others leave the selection entirely to the student and the advisor.				Students must complete a minimum of 11 credits from the approved list of Group 1 courses in Agriculture, Food and Environmental Science. Some departments require specific courses from the list, whereas others leave the selection entirely to the student and the advisor.			
		Group 1 Courses in Agriculture	1			Group 1 Courses in Agriculture	1
AS	101	Introduction to Animal Science (Major Requirement) (3)	--	AS	101	Introduction to Animal Science (Major Requirement) (3)	--
AS	101L	Introduction to Animal Science Lab (Major Requirement) (1)	--	AS	101L	Introduction to Animal Science Lab (Major Requirement) (1)	--
AS	241	Introduction to Meat Science (Major Requirement) (3)	--	AS	241	Introduction to Meat Science (Major Requirement) (2)	--
AS	241L	Introduction to Meat Science Lab (Major Requirement) (0)	--	AS	241L	Introduction to Meat Science Lab (Major Requirement) (1)	--
AS	319	Livestock Feeds and Feeding (Major Requirement) (3)	--	AS	319	Livestock Feeds and Feeding (Major Requirement) (2)	--
AS	319L	Livestock Feeds and Feeding Lab (Major Requirement) (0)	--	AS	319L	Livestock Feeds and Feeding Lab (Major Requirement) (1)	--
Major Requirements			75-77	Major Requirements			75-77

Existing Curriculum

Proposed Curriculum (highlight changes)

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
Core Requirements			29-31	Core Requirements			29-31
AS	101	Introduction to Animal Science	3	AS	101	Introduction to Animal Science	3
AS	101L	Introduction to Animal Science Lab	1	AS	101L	Introduction to Animal Science Lab	1
AS	119	Opportunities in Animal and Veterinary Sciences	1	AS	119	Opportunities in Animal and Veterinary Sciences	1
AS OR VET	120	Survey of Animal Science (1)	1	AS OR VET	120	Survey of Animal Science (1)	1
	120	Introduction to Veterinary Science (1)			120	Introduction to Veterinary Science (1)	
AS	219	Principles of Animal Nutrition	3	AS	219	Principles of Animal Nutrition	3
AS	241	Introduction to Meat Science	3	AS	241	Introduction to Meat Science	2
AS	241L	Introduction to Meat Science Lab	0	AS	241L	Introduction to Meat Science Lab	1
AS	319	Livestock Feeds and Feeding	3	AS	319	Livestock Feeds and Feeding	2
AS	319L	Livestock Feeds and Feeding Lab	0	AS	319L	Livestock Feeds and Feeding Lab	1
AS	332	Livestock Breeding and Genetics	4	AS	332	Livestock Breeding and Genetics	4
AS	333	Livestock Reproduction and Lab	3	AS	333	Livestock Reproduction	2
AS	333L	Livestock Reproduction Lab	0	AS	333L	Livestock Reproduction Lab	1
AS	389	Current Issues in Animal Science	3	AS	389	Current Issues in Animal Science	3
VET	403	Animal Diseases and their Control	3	VET	403	Animal Diseases and their Control	3
		Select one of the following: • ABS 482 International Experience • AS 322 Advanced Livestock Evaluation • AS 400 Judging Team • AS 494 Internship • AS 498 Undergraduate Research/Scholarship	1-3			Select one of the following: • ABS 482 International Experience • AS 322 Advanced Livestock Evaluation • AS 400 Judging Team • AS 494 Internship • AS 498 Undergraduate Research/Scholarship	1-3
Animal Science – Industry Relations Specialization			46	Animal Science – Industry Relations Specialization			46
ACCT OR AGEC	210	Principles of Accounting I (3)	3	ACCT OR AGEC	210	Principles of Accounting I (3)	3
	354	Agricultural Marketing and Prices (3)			354	Agricultural Marketing and Prices (3)	
ADV OR CMST OR GLST OR GLST	476	Global & Multicultural Advertising (3)	3	ADV OR CMST OR GLST OR GLST	476	Global & Multicultural Advertising (3)	3
	470	Intercultural Communication (3)			470	Intercultural Communication (3)	
	280	Developing Intercultural Competence (3)			280	Developing Intercultural Competence (3)	
	489	Capstone Intercultural Competencies (3)			489	Capstone Intercultural Competencies (3)	
AS	285	Livestock Evaluation and Marketing	3	AS	285	Livestock Evaluation and Marketing	2
AS	285L	Livestock Evaluation and Marketing	0	AS	285L	Livestock Evaluation and Marketing	1

Existing Curriculum

Proposed Curriculum (highlight changes)

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
		Select 9 credits from the following courses: <ul style="list-style-type: none"> • AS 445-445L Value-Added Meat Products and Lab (3,0) • AS 450 Meat Product Safety and HACCP (3) • AS 474-474L Cow/Calf Management and Lab (3,0) • AS 475-475L Feedlot Operations and Management and Lab (3,0) • AS 476-476L Horse Production and Lab (3,0) • AS 477-477L Sheep and Wool Production and Lab (3,0) • AS 478-478L Swine Production and Lab (3,0) 	9			Select 9 credits from the following courses: <ul style="list-style-type: none"> • AS 445-445L Value-Added Meat Products and Lab (2,1) • AS 450 Meat Product Safety and HACCP (3) • AS 474-474L Cow/Calf Management and Lab (2,1) • AS 475-475L Feedlot Operations and Management and Lab (2,1) • AS 476-476L Horse Production and Lab (2,1) • AS 477-477L Sheep and Wool Production and Lab (2,1) • AS 478-478L Swine Production and Lab (2,1) 	9
CHEM OR CHEM	106-106L	Chemistry Survey and Lab (3,1)	4	CHEM OR CHEM	106-106L	Chemistry Survey and Lab (3,1)	4
CHEM	112-112L	Chemistry 1 and Lab (3,1)		CHEM	112-112L	Chemistry 1 and Lab (3,1)	
CHEM	108	Organic and Biochemistry	4	CHEM	108	Organic and Biochemistry	4
CHEM	108L	Organic and Biochemistry Lab	1	CHEM	108L	Organic and Biochemistry Lab	1
CMST	311	Business & Professional Communication	3	CMST	311	Business & Professional Communication	3
LDR OR LDR OR LDR	210	Foundations of Leadership (3)	3	LDR OR LDR OR LDR	210	Foundations of Leadership (3)	3
	310	Leadership in Context (3)			310	Leadership in Context (3)	
	435	Organizational Leadership and Team Development (3)			436	Organizational Leadership and Team Development (3)	
MCOM	210	Basic Newswriting	3	MCOM	210	Basic Newswriting	3
MCOM	210L	Basic Newswriting Lab	0	MCOM	210L	Basic Newswriting Lab	0
VET	223	Anatomy and Physiology of Domestic Animals	4	VET	223	Anatomy and Physiology of Domestic Animals	3
VET	223L	Anatomy and Physiology of Domestic Animals Lab	0	VET	223L	Anatomy and Physiology of Domestic Animals Lab	1
		Select 6 credits from the following courses: ADV 314 Digital Promotions (3) ADV 411-411L Media Analytics and Studio (3) CMST 201 Interpersonal Communication (3) CMST 434 Small Group Communication (3) MCOM 219 Social Media Strategies (3) MCOM 270 Data Analysis in Communication (3) MCOM 331-331L Video Production and Lab MCOM 430 Media Law (3) PUBR 243 Public Relations Principles (3) PUBR 345 Public Relations Writing (3)	6			Select 6 credits from the following courses: ADV 314 Digital Promotions (3) ADV 411-411L Media Analytics and Studio (3) CMST 201 Interpersonal Communication (3) CMST 434 Small Group Communication (3) MCOM 219 Social Media Strategies (3) MCOM 270 Data Analysis in Communication (3) MCOM 331-331L Video Production and Lab MCOM 430 Media Law (3) PUBR 243 Public Relations Principles (3) PUBR 345 Public Relations Writing (3)	6
Electives			8-14	Electives			9-15

Summary of Credits Animal Science (B.S.) – Industry Relations Specialization

<i>Existing Curriculum</i>				<i>Proposed Curriculum (highlight changes)</i>			
Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
		System General Education Requirement	30-34			System General Education Requirement	30-34
		College Requirements	1			College Requirements	1
		Major Requirements	75-77			Major Requirements	75-77
		Electives	8-14			Electives	9-15
Total number of hours required for specialization			97-103	Total number of hours required for specialization			87-93
Total number of hours required for degree			120	Total number of hours required for degree			120

8. Explanation of the Change:

Removed a specific course selection from SGR #1 and SGR #2 to allows students more flexibility in meeting their System General Education requirements.

The College of Agriculture, Food and Environmental Sciences has eliminated the college requirement to complete 11 credits from the Group 1 list. AS 101-101L Introduction to Animal Science and Lab (3, 1 cr.), AS 241-241L Introduction to Meat Science and Lab (2, 1 cr.), and AS 319-319L Livestock Feeds and Feeding (2, 1 cr.) fulfilled the college requirement and major requirements.

Departments have updated zero credit lab courses. The credits between the lecture and labs were adjusted to accurately reflect contact time.