



Bachelor of Science

Major: Animal Science

Specialization: Food Animal Health

2024-2025 Sample 4-Year Plan

Total Degree Requirements: 120 credits

Student \_\_\_\_\_ Student ID# \_\_\_\_\_ Student Phone # \_\_\_\_\_

Advisor \_\_\_\_\_ Minimum GPA \_\_\_\_\_ Minor/Career Interest(s) \_\_\_\_\_

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the Undergraduate Catalog.

Admission Requirements: Students will be required to complete one year of courses at SDSU and be successfully admitted to the SDSU VFAST-track program to declare this specialization.

FIRST YEAR

Fall

Table with 6 columns: Prefix + Number, Course Title, Prerequisites/Comments, Credits, Semester, Grade. Rows include AS 119, AS 101-101L, AS 120 or VET 120, BIOL 151-151L, CHEM 112-112L, SGR #2, and Total Credit Hours (17).

Spring

Table with 6 columns: Prefix + Number, Course Title, Prerequisites/Comments, Credits, Semester, Grade. Rows include BIOL 153-153L, CHEM 114-114L, MATH 114 or 115 or 121-121L or 123, SGR #1, SGR #4, and Total Credit Hours (17).

SECOND YEAR

Fall

Table with 6 columns: Prefix + Number, Course Title, Prerequisites/Comments, Credits, Semester, Grade. Rows include AS 219, CHEM 326-326L, ECON 201, SGR #1, SGR #4, and Total Credit Hours (16).

Spring

Table with 6 columns: Prefix + Number, Course Title, Prerequisites/Comments, Credits, Semester, Grade. Rows include AS 319-319L, AS 332, CHEM 328-328L, SGR #3, VET 223-223L, and Total Credit Hours (18).



**THIRD YEAR**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 241-241L	Introduction to Meat Science & Lab		2,1	F/S	
AS 333-333L	Livestock Reproduction & Lab	p. VET 223	2,1	F	
AS Capstone Course  <i>*One course must be AS 474/L, 475/L, 476/L, 477/L, or 478/L</i>	Select from: AS 445-445L Value-Added Meat Products & Lab AS 450 Meat Product Safety and HACCP AS 474-474L Cow/Calf Management & Lab AS 475-475L Feedlot Operations and Management & Lab AS 476-476L Horse Production & Lab AS 477-477L Sheep and Wool Production & Lab AS 478-478L Swine Production & Lab	p. AS 241/L p. AS 241/L p. AS 319/L, AS 332 and AS 333/L p. AS 285/L, AS 319/L p. AS 319/L, AS 332 and AS 333/L p. AS 319/L, AS 332 and AS 333/L p. AS 319/L, AS 332 and AS 333/L	2,1 3 2,1 2,1 2,1 2,1	F F even F/S F S F S	
CHEM 464	Biochemistry I	p. CHEM 328	3	F	
PHYS 111-111L	Introduction to Physics I & Lab	p. MATH 114 or higher	3,1	F	
<b>Total Credit Hours</b>			16		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AS 389	Current Issues in Animal Science		3	F/S/SU	
AS Capstone Course	Select from: AS 445-445L Value-Added Meat Products & Lab AS 450 Meat Product Safety and HACCP AS 474-474L Cow/Calf Management & Lab AS 475-475L Feedlot Operations and Management & Lab AS 476-476L Horse Production & Lab AS 477-477L Sheep and Wool Production & Lab AS 478-478L Swine Production & Lab	p. AS 241/L p. AS 241/L p. AS 319/L, AS 332 and AS 333/L p. AS 285/L, AS 319/L p. AS 319/L, AS 332 and AS 333/L p. AS 319/L, AS 332 and AS 333/L p. AS 319/L, AS 332 and AS 333/L	2,1 3 2,1 2,1 2,1 2,1	F F even F/S F S F S	
MICR 231-231L or MICR 233-233L	General Microbiology & Lab or Introductory Microbiology & Lab	p. CHEM 106 or CHEM 112 p. BIOL 151 and CHEM 106, 108, 112, or 114	3,1	F/S F/S	
PHYS 113-113L	Introduction to Physics II & Lab	p. PHYS 111	3,1	S	
STAT 281	Introduction to Statistics or	p. MATH 114 or higher	3	F/S/SU	
<b>Total Credit Hours</b>			17		

**FOURTH YEAR**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
VET 602	Integrated Biochemistry and Physiology	*	7	F	
VET 604	Clinical Skills I	*	1	F	
VET 606	Critical Scientific Reading	*	1	F	
VET 627	Preventative Medicine	*	4	F	
<b>Total Credit Hours</b>			13		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
VET 626	Agents of Disease I	*	4	S	
VET 625	Basic Pathology	*	2	S	
<b>Total Credit Hours</b>			6		

**COMMENTS/NOTES**

\* The 19 credits listed for the fourth year are part of the Professional Program for Veterinary Medicine. Upon successful completion of these courses, the credits will be applied to the undergraduate degree in Animal Science (BS) - Food Animal Health Specialization. The credit hours listed here are only a portion of the credits a student will complete in the first year of the Professional Program for Veterinary Medicine.

Students from all academic majors can pursue graduation with Fishback Honors College distinction. View the [Honors program requirements](#).