

ANIMAL AND VETERINARY BIOSCIENCES, BS

FOUR-YEAR PLAN

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Below you will find two sample four-year plans. These plans represent a range of interest and career-based options for completing the Animal and Veterinary Biosciences major. Your individual plan will look different from these plans. You should customize your own program of study in consultation with your advisor. The degree requires a minimum of 120 credits for completion.

SAMPLE FOUR-YEAR PLAN - VETERINARY INTEREST¹

First Year

Fall	Credits	Spring	Credits
AN SCI/DY SCI 101	3	CHEM 103	4
AN SCI/DY SCI 102	1	Major Breadth	3
AN SCI 135 (CALs First-Year Seminar)	1	General Education (Comm A, Comm B, or Ethnic)	3
University Breadth (Humanities or Social Science)	3	University Breadth (Humanities or Social Science)	3
MATH 112 or 114	3-5	Elective	3
General Education (Comm A, Comm B, or Ethnic)	3		
		14-16	16

Second Year

Fall	Credits	Spring	Credits
ZOOLOGY/BIOLOGY/BOTANY 151 ²	5	ZOOLOGY/BIOLOGY/BOTANY 152 (Major Breadth) ²	5
CHEM 104	5	CHEM 343 (Major Breadth)	3
Animal Science Core	3	General Education (Comm A, Comm B, or Ethnic)	3
University Breadth (Humanities or Social Science)	3	Animal Science Core	2-3
		16	13-14

Third Year

Fall	Credits	Spring	Credits
PHYSICS 103 (Major Breadth)	4	Animal Science Core	3
Animal Biology Depth	3	Animal Biology Depth	2-3
BIOCHEM 501	3	Electives ³	6-7

STAT 301 or 371	3	Electives	3
CALS International	3		
		16	14-16

Fourth Year

Fall	Credits	Spring	Credits
AN SCI 435 or DY SCI 535 (Capstone)	2	Animal Biology Depth	3
Animal Biology Depth	3	Animal Science Core	3
Electives ³	3	Electives	7-9
Electives	6-8		
		14-16	13-15

Total Credits 116-125

¹ This four-year plan reflects the minimum required coursework for UW-Madison School of Veterinary Medicine as of 2022-2023. Course requirements may vary among schools of veterinary medicine. Consult with your institution of choice and your advisor to ensure that the courses you select meet specific requirements.

² Students may complete BIOLOGY/BOTANY/ZOOLOGY 151 Introductory Biology or BIOLOGY/BOTANY/ZOOLOGY 152 Introductory Biology or BIOLOGY/ZOOLOGY 101 Animal Biology or BIOLOGY/ZOOLOGY 102 Animal Biology Laboratory, BIOLOGY/BOTANY 130 General Botany

³ Electives will include additional coursework for veterinary school preparation.

SAMPLE FOUR-YEAR PLAN - ANIMAL BIOSCIENCES OR PRODUCTION INTEREST

First Year

Fall	Credits	Spring	Credits
AN SCI/DY SCI 101	3	ZOOLOGY/BIOLOGY 101 ¹	3
AN SCI/DY SCI 102	1	Major Breadth	3
AN SCI 135 (CALs First-Year Seminar)	1	General Education (Comm A, Comm B, or Ethnic)	3
University Breadth (Humanities or Social Science)	3	University Breadth (Humanities or Social Science)	3
General Education (Comm A, Comm B, or Ethnic)	3	Electives	3
MATH 112 or 114	3-5		
		14-16	15

Second Year

Fall	Credits	Spring	Credits
ZOOLOGY/BIOLOGY 102 ¹	2	CHEM 104	5
CHEM 103	4	Animal Science Core	3
Animal Science Core	3	Animal Biology Depth	3
General Education (Comm A, Comm B, or Ethnic)	3	University Breadth (Humanities or Social Science)	3

Electives	2-3	
	14-15	14
Third Year		
Fall	Credits Spring	Credits
Animal Biology Depth	3 BIOCHEM 301	3
Animal Biology Depth	3 Animal Science Core	2-3
CALS International Studies	3 Animal Biology Depth	2-3
STAT 301 or 371	3 Major Breadth	3
Electives	3 Electives	3
	15	13-15
Fourth Year		
Fall	Credits Spring	Credits
AN SCI 435 or DY SCI 535 (Capstone)	2 Major Breadth	3
Major Breadth	3 Animal Science Core	3
Animal Biology Depth	3 Electives	9
Electives	8	
	16	15
Total Credits 116-121		

¹ Students may complete BIOLOGY/ZOOLOGY 101 Animal Biology-BIOLOGY/ZOOLOGY 102 Animal Biology Laboratory, BIOLOGY/BOTANY 130 General Botany, or BIOLOGY/BOTANY/ZOOLOGY 151 Introductory Biology-BIOLOGY/BOTANY/ZOOLOGY 152 Introductory Biology.