

B.S. Degree in Animal and Veterinary Sciences: (Pre-Veterinary Concentration)
SCHEDULE OF COURSES
(≥90 Credits for University of Glasgow Agreement)
Effective Fall 2015 (revised Fall 2020)

	<u>Credits</u>		<u>Credits</u>
FALL 1st year		SPRING 1st year	
AVS 145 - Intro to Animal Science	3	BIO 200 - Biology of Organisms	4
AVS 146 - Intro to Animal Science Lab	1	CHY 122/124 - General Chemistry II/Lab	4
BIO 100 - Basic Biology	4	ENG 101 - College Composition	3
CHY 121/123 - General Chemistry/Lab	4	General Education: Artistic/Creative Exp	3
MAT 116 - Intro to Calculus	3	STS 232 - Principles of Statistical Inference	<u>3</u>
or			17
MAT 126 - Calculus I	4		
NFA 117 - Issues and Opportunities	<u>1</u>		
	16/17		
FALL 2nd year		SPRING 2nd year	
AVS 303 - Equine Management Co-op	2	AVS 303 - Equine Management Co-op	2
or		or	
AVS 347 - Dairy Cattle Technology Lab	2	AVS 347 - Dairy Cattle Technology Lab	2
AVS 346 - Dairy Cattle Technology	3	CMJ 103 - Public Speaking	3
BIO 377 - Medical Physiology	3	(Gen Ed: Social Contexts/Institutions)	
PHY 111 - General Physics I	4	ECO 254 - Small Business Econ/Mgmt.	3
AVS 254 - Intro to Animal Microbiomes	3	(Gen Ed: Social Contexts/Institutions)	
(General Education: Population and the Environment)	<u>15</u>	PHY 112 - General Physics II	4
		AVS 249 - Lab/Companion Animal Science	<u>3</u>
			15
FALL 3rd year		SPRING 3rd year	
AVS 455 - Animal Nutrition	3	AVS 437 - Animal Diseases	3
BMB 300/305 - Microbiology/Lab	5	BMB 322/323 - Biochemistry/Lab	5
CHY 251/253 - Organic Chem I/Lab	5	CHY 252/254 - Organic Chemistry II/Lab	5
ENG 315 - Research Writing in Discipline	3	General Education: Ethics	<u>3</u>
or			16
ENG 317 - Business/Technical Writing	<u>3</u>		
	16		

Total Credits = 95

Notes:

Requirements normally met in the senior year (see list below), will be covered by the 30 credits of coursework completed at the University of Glasgow during year one in the Bachelor of Veterinary Medicine and Surgery (BVMS) program.

- ✓ BIO 350 Genetics, AVS 466 Livestock Feeds and Feeding, AVS 480 Physiology of Reproduction - 8 cr.
- ✓ ANV 400X Capstone/Writing Intensive - 4 cr.
- ✓ ANV 400X General Education: Cultural Diversity/International Perspectives - 3 cr.
- ✓ ANV 400X General Education: Western Cultural Tradition- 3 cr.
- ✓ ANV 400X Animal Science Elective - 3 cr.
- ✓ General Elective – 4 cr.

Total Credits = 120

Students must plan their senior year at Glasgow with the UMaine Office of International Programs and pay their fees. Students are also responsible for all costs associated with obtaining a Visa.