

## Animal Science - Combined Agriculture/Veterinary Medicine (1299D) Four Year Academic Plan

Year 1	Fall		Spring			
		Credit	Grade		Credit	Grade
<b>Benchmark Requirements</b> Must be completed by 2 semesters:  MATH113 or higher ANSC101/103 BSCI170/171	ANSC101/103 <sup>1</sup>	4	_____	BSCI170/171 <sup>1</sup> (NL)	4	_____
	MATH120,130 or 140 <sup>1</sup> (MA/AR)	3-4	_____	CHEM231 /232 Plural Societies/Cultural Competence (UP/CC) <sup>2</sup>	4	_____
	CHEM131/132 <sup>1</sup> (NL)	4	_____	AREC250 or ECON200 (HS)	3	_____
	ENGL101 <sup>1</sup> (AW)	3	_____		3	_____
	<b>TOTAL</b>	<b>14-15</b>		<b>TOTAL</b>	<b>14</b>	
<b>Year 2</b>						
<b>Benchmark 2 Requirements</b> Must be completed by 4 semesters: CHEM231/232  ANSC204/205	ANSC204/205	4	_____	ANSC212/214	4	_____
	CHEM241/242	4	_____	Humanities (HU) <sup>2</sup>	3	_____
	BSCI160/161 Non-major Scholarship in Practice (SP) <sup>2</sup>	4	_____	CHEM271/272	4	_____
	Humanities (HU) <sup>2</sup>	3	_____	Oral Communications (OC)	3	_____
		3	_____	ANSC327	3	_____
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>17</b>	
<b>Year 3</b>						
<b>Benchmark 3 Requirements</b> Must be completed by 6 semesters:  CHEM241/242  ANSC212	ANSC314	3	_____	ANSC315	3	_____
	BSCI223 (IS) <sup>2</sup>	4	_____	PHYS122	4	_____
	ANSC Management Course <sup>3</sup> (SP if ANSC250 or 255)	3	_____	ENGL39x (PW)	3	_____
	PHYS121	4	_____	BIOM301 (suggested elective)	3	_____
	History/Social Sciences (HS) <sup>2</sup>	3	_____	BCHM463	3	_____
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>16</b>	
<b>Year 4</b>						
<b>Major Requirements<sup>4</sup></b>	TBD		TBD			

1. These courses are required early and/or are prerequisites for courses in the major.
2. All student must complete two Distributive Studies courses that are approved for I-series courses. \*The Understanding Plural Societies (UP) and Cultural Competence (CC) courses may also fulfill Distributive Studies categories. Gen Ed category designations are found in course descriptions in the Schedule of Classes.
3. Or other management course (**ANSC250 or ANSC255 count as in-major Scholarship in Practice**)
4. If you are accepted at an accredited veterinary college, you must, upon completion of your first year, submit your veterinary school transcripts back to UM to complete your B.S. degree. If you do not get a seat in vet school, you will use this year to complete the remaining course requirements for ANSC-Science/Pre-Professional Option and receive your degree in that major.

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General Education Requirements (Grade of (D-) or higher is required) *When major required courses are used to satisfy Gen Ed, a C- or higher is required				Major Requirements (Grade of (C-) or higher is required)		
Fundamental Studies				Requirements	Credits	Grade
<i>Requirements: 15 credits</i>				<b>Benchmark Year 1 Requirements - by 2 semesters</b>		
Academic Writing AW	Course	Credits	Grade	MATH113 or higher	3	
Professional Writing PW		3		ANSC101/103	4	
Oral Comm. OC		3		BSCI170/171	4	
Math MA						
Analytic Reasoning AR	MATH120, 130 or 140	3/4		<b>Benchmark Year 2 Requirements - by 4 semesters</b>		
Distributive Studies						
<i>Requirements: 25 credits</i>						
Natural Science Lab NL	CHEM131/132	4		CHEM231/232	4	
Natural Sciences NS	BSCI170/171	4		ANSC204/205	4	
History/Social Sciences HS	AREC250 or ECON200	3		<b>Benchmark Year 3 Requirements - by 6 semesters</b>		
History/Social Sciences HS		3		CHEM241/242	4	
Humanities HU		3		ANSC212	3	
Humanities HU		3				
Scholarship in Practice SP	ANSC250*	3				
Scholarship in Practice SP (non major)		3		<b>Major Requirements</b>		
<b>I-Series</b>				ANSC101/103	4	
<b>Normally double counted with Distributive Studies</b>				ANSC204/205	4	
<i>Requirements: 6 credits</i>						
I-Series IS	BSCI223	4		ANSC212/214	4	
I-Series IS		3		ANSC314	3	
<b>Diversity</b>				ANSC327	3	
<b>(overlap permitted with Distributive Studies and/or I-series)</b>				ANSC Management	3	
<i>Requirements: 6 credits</i>						
Understanding Plural Soc. UP		3				
Understanding Plural Soc. UP or Cultural Competency CC		3				
<b>Experiential Learning- optional</b>				<b>Major Supporting Sequence (35-37 credits)</b>		
<b>(overlap permitted with other requirements/courses)</b>				CHEM131/132, 231/232, 241/242, 271/272		
<i>Requirements: 0 credits</i>				16		
	Course	Credits	Grade	BSCI160/161, BSCI170/171, BSCI223	12	
		Up to 3		ECON200 or AREC250	3	
				MATH120 or MATH140	3,4	
Students must earn a minimum of 120 credits to complete a degree.				PHYS121, PHYS122	8	
Requirements for Graduation:				BCHM463	3	
<input type="checkbox"/> At least 30 credits must be earned at UMD						
<input type="checkbox"/> 15 of the final 30 credits must be earned at the 300-400 level						
<input type="checkbox"/> 12 upper level major credits must be earned at UMD						

\* or other SP-approved management course