

Animal Science - Animal Care & Management (0104A) Four Year Academic Plan

Year 1	Fall		Spring				
		Credit	Grade		Credit	Grade	
Benchmark Requirements Must be completed by 2 semesters: MATH113 or higher BSCI170/171 ANSC101/103	MATH120,130 or 140 ¹ (MA/AR)	3-4	_____	BSCI170/171 ¹ (NL)	4	_____	
	CHEM131/132 ¹ (NL)	4	_____	CHEM231 or PLSC275	3	_____	
	ENGL101 ¹ (AW)	3	_____	Oral Communications (OC)	3	_____	
	ANSC101/103 ¹	4	_____	ANSC Management Course ⁴	3	_____	
				Elective	3	_____	
	TOTAL	14-15		TOTAL	16		
Year 2							
Benchmark 2 Requirements Must be completed by 4 semesters: CHEM231 ANSC204/205 One ANSC Management Course ⁴	Non-major Scholarship in Practice (SP) ²		3	_____	ANSC212/214	4	_____
	Humanities (HU) ²		3	_____	Plural Societies/Cultural Competence (UP/CC) ²	3	_____
	Elective		3	_____	Elective	2	_____
	ANSC204/205		4	_____	BSCI160/161	4	_____
	ANSC Management Course ⁴		3	_____	AREC306 ³ or ANSC270	3	_____
	TOTAL	16		TOTAL	16		
Year 3							
Benchmark 3 Requirements Must be completed by 6 semesters: ANSC212	Humanities (HU) ²		3	_____	ANSC315	3	_____
	ANSC Management Course ⁴		3	_____	BSCI223 (IS) ²	4	_____
	ENGL39x (PW)		3	_____	Elective	3	_____
	ANSC314		3	_____	History/Social Sciences (HS) ²	3	_____
	Optional exp learning		1-3	_____	Adv. ANSC Elective ⁵	3	_____
	TOTAL	13-15		TOTAL	16		
Year 4							
Major Requirements Total credits should equal at least 120 by the end of Year 4	ANSC446+447		4	_____	ANSC327(spring) or ANSC450(fall) ⁶	3	_____
	AREC250 or ECON200 (HS)		3	_____	Adv. ANSC Elective ⁵	3	_____
	Elective		6	_____	Adv. ANSC Elective ⁵	3	_____
	BIOM301 (suggested elective)		3	_____	Adv. ANSC Elective ⁵	3	_____
		TOTAL	16		Elective	3	_____
				TOTAL	15		

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. Counts as a In-major Scholarship-In-Practice (ANSC270 DOES NOT count as Gen Ed SP)
 4. 9 credits of ANSC management courses required
 5. 12 credits of Adv. ANSC courses required.
 6. Students must take either ANSC327 or ANSC450 for genetics requirement. If students take both courses, the second can count as an Advanced ANSC Elective. ANSC327 offered in spring, ANSC450 in fall.
- Full list of approved management and Adv. ANSC courses available on website:**
<http://ansc.umd.edu/undergraduate/advising/course-planning-resources>

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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>				Benchmark Year 1 Requirements - by 2 semesters		
Academic Writing AW	Course	Credits	Grade	MATH113 or higher	3	
Professional Writing PW		3		BSCI170/171	4	
Oral Comm. OC		3		ANSC101/103	4	
Math MA						
Analytic Reasoning AR	MATH120, 130 or 140	3/4		Benchmark Year 2 Requirements - by 4 semesters		
Distributive Studies				CHEM231	3	
<i>Requirements: 25 credits</i>				ANSC204/205	4	
Natural Science Lab NL	CHEM131/132	4		One of the following: ANSC220,ANSC232,ANSC242,ANSC250,ANSC255,ANSC260,ANSC262	3	
Natural Sciences NL	BSCI170/171	4				
History/Social Sciences HS	AREC250 or ECON200	3				
History/Social Sciences HS		3				
Humanities HU		3		Benchmark Year 3 Requirements - by 6 semesters		
Humanities HU		3		ANSC212	3	
Scholarship in Practice SP	AREC306	3				
Scholarship in Practice SP (non major)		3		Major Requirements		
I-Series Normally double counted with Distributive Studies				ANSC management courses	9	
				Adv. ANSC courses	12	
<i>Requirements: 6 credits</i>				ANSC101/103	4	
I-Series IS	BSCI223	4		ANSC204/205	4	
I-Series IS		3		ANSC212/214	4	
Diversity (overlap permitted with Distributive Studies and/or I-series)				ANSC314	3	
				ANSC315	3	
<i>Requirements: 6 credits</i>				ANSC327 or ANSC450	3	
Understanding Plural Soc. UP		3		ANSC446/447	4	
Understanding Plural Soc. UP or Cultural Competency CC		3		AREC306 (or ANSC270)	3	
Experiential Learning- optional (overlap permitted with other requirements/courses)				ECON200 or AREC250	3	
<i>Requirements: 0 credits</i>				Major Supporting Sequence (22-23 credits)		
		Up to 3		BSCI160/161, BSCI170/171, BSCI223	12	
				CHEM131/132, CHEM231 (or PLSC275)	7	
Students must earn a minimum of 120 credits to complete a degree.				MATH120 or MATH140	3,4	
Requirements for Graduation:						
<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						