

Animal Science - Science/Preprofessional (0104E) Four Year Academic Plan

Year 1	Fall		Spring			
		Credit	Grade		Credit	Grade
Benchmark Requirements Must be completed by 2 semesters: MATH113 or higher ANSC101/103 BSCI1170/171	ANSC101/103 ¹	4	_____	BSCI170/171 ¹ (NL)	4	_____
	MATH120,130 or 140 ¹ (MA/AR)	3-4	_____	CHEM231 /232	4	_____
	CHEM131/132 ¹ (NL)	4	_____	Elective	3	_____
	ENGL101 ¹ (AW)	3	_____	AREC250 or ECON200 (HS)	3	_____
	TOTAL	14-15		TOTAL	14	
Year 2						
Benchmark 2 Requirements Must be completed by 4 semesters: CHEM231/232 ANSC204/205	ANSC204/205	4	_____	ANSC212/214 Plural Societies/Cultural Competence (UP/CC) ³	4	_____
	CHEM241/242	4	_____	CHEM271/272	3	_____
	BSCI160/161	4	_____	History/Social Sciences (HS) ³	4	_____
	Oral Communications (OC)	3	_____	Humanities (HU) ³	3	_____
	TOTAL	15		TOTAL	17	
Year 3						
Benchmark 3 Requirements Must be completed by 6 semesters: CHEM241/242 ANSC212	ANSC314	3	_____	ANSC327	3	_____
	BSCI223 (IS) ³	4	_____	ANSC315	3	_____
	Humanities (HU) ³	3	_____	ENGL39x (PW)	3	_____
	Scholarship in Practice (SP) ²	3	_____	Non-major Scholarship in Practice (SP) ²	3	_____
	ANSC Management Course ²	3	_____	BCHM463 or BSCI330	3-4	_____
TOTAL	16		TOTAL	15-16		
Year 4						
Major Requirements Total credits should equal at least 120 by the end of Year 4	ANSC Adv. Elective ⁴	3	_____	ANSC Adv. Elective ⁴	3	_____
	PHYS121	4	_____	PHYS122	4	_____
	ANSC Adv. Elective ⁴	3	_____	BIOM301 (suggested elective)	3	_____
	Exp Learning (Opt. Gen-Ed) Elective	1-3 3	_____ _____	Electives	6	_____
TOTAL	14-16		TOTAL	16		

1. These courses are required early and/or are prerequisites for courses in the major.
 2. Any ANSC management course (can select ANSC250 or 255 for in-major Scholarship in Practice)
 3. 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.
 4. 9 credits Adv. ANSC courses required (Can select ANSC340 or ANSC435 for in-major Scholarship in Practice)
- 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		ANSC101/103	4	
Oral Comm. OC		3		BSCI170/171	4	
Math MA						
Analytic Reasoning AR	MATH120, 130 or 140	3/4		Benchmark Year 2 Requirements - by 4 semesters		
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				
History/Social Sciences HS		3		Benchmark Year 3 Requirements - by 6 semesters		
Humanities HU		3		CHEM241/242	4	
Humanities HU				ANSC212	3	
Scholarship in Practice SP		3				
Scholarship in Practice SP (non major)		3				
I-Series Normally double counted with Distributive Studies				Major Requirements		
<i>Requirements: 6 credits</i>				ANSC101/103	4	
I-Series IS	BSCI223	4		ANSC204/205	4	
I-Series IS		3		ANSC212/214	4	
				ANSC Management	3	
Diversity (overlap permitted with Distributive Studies and/or I-series)				ANSC314	3	
<i>Requirements: 6 credits</i>				ANSC315	3	
Understanding Plural Soc. UP		3		ANSC327	3	
Understanding Plural Soc. UP or Cultural Competency CC		3		Major Supporting Sequence (45-48 credits)		
Experiential Learning- optional (overlap permitted with other requirements/courses)				MATH120 or MATH140	3,4	
<i>Requirements: 0 credits</i>				CHEM131/132, CHEM231/232, CHEM241/242, CHEM271/272	16	
		Up to 3		ECON200 or AREC250	3	
				BSCI160/161, BSCI170/171, BSCI223	12	
				PHYS121, PHYS122	8	
Students must earn a minimum of 120 credits to complete a degree.				BCHM463 or BSCI330	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						