

Updated 8/10/2023

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR			
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	
Introduction to the Animal Sciences ASCI 101 (2)	Animal Production & Management Enterprise Select one: ASCI 290 or 490 (2) (Consent of Instructor)					Animal Production & Management Enterprise Select one: ASCI 290 or 490 (2) (Consent of Instructor)						
	Meat Science ASCI 211 (4)		Introductory Animal Nutrition & Feeding ASCI 220 (4) (BIO 111 or 161; CHEM 127)			Animal Genomics ASCI 304 (3) (ASCI 302, BIO 302, 303, or 351)						
	Ruminants Select one: ASCI 221, 223, or DSCI 230 (4) ⁷											
Principles of Animal Science ASCI 112 (4)	Nonruminants Select one: ASCI 222 or 225 (4) ⁷					Reproductive Physiology ASCI 351 (4) (ASCI 229)			Senior Project Select one: ASCI 477 or 478 or 479 (3) ⁷ *			
	Companion Animals / Range Mgmt Select one: ASCI 224, 227, or 239 (4) ⁷					Undergraduate Seminar ASCI 363 (2) (Jr Standing)			Physiology Select one: ASCI 333, 366, 405, 406, 438, 440, 455, DSCI 321, or DSCI 330 (4-5) ⁷ *			
Math Select one: ^{3,5} MATH 118 or 161 (4) * [B4]		Anatomy and Physiology of Farm Animals ASCI 229 (4) (BIO 111 or 161)					Biochem / Chem Select one: ^{3,7} ASCI 319, CHEM 314, or CHEM 369 (4-5) * [Upper-Division B]			Nutrition Select one: ASCI 346, 350, 355, 419, or DSCI 301 (4) ⁷ *		
	Biology Select one: ³ BIO 111 or 161 (4) * [B2 & B3]		Gen Chem for Ag & Life Science I CHEM 127 (4) ³ (MATH 118 or 330. Recom: HS chem or equiv) [B1 & B3]	Gen Chem for Ag & Life Science II CHEM 128 (4) (CHEM 127 or AP Chem score of 5)	Organic Chem Select one: ⁴ CHEM 216 or 312 (5) *		Animal Genetics ASCI 302 (4) (BIO 111 or 161; STAT 218)	Appr Elective (4) ^{1,2} *	Appr Elective (4) ^{1,2} *	Appr Elective (4) ^{1,2} *	Appr Elective (4) ^{1,2} *	
GE (4) **	GE (4) **						Animal Welfare & Ethics ASCI 340 (4) (BIO 111 or 161; Jr Standing)					
Oral Communication COMS 101/102 (4)** [A1]			GE (4) **	Applied Stats for the Life Sciences STAT 218 (4) ³ * [GE Elective]								
Expository Writing ENGL 133/134 (4)** [A2]			GE (4) **	GE (4) **	GE (4) **	Upper-Division GE (4) (Recom: Upper-Div C with GWR)	GE (4) **	Free Elective (4-5)	Upper-Division GE (4) **		GE (4) **	
	Reasoning, Argumentation, & Writing [A3] COMS 126, 145, ENGL 145, 147, ES 145, PHIL 126, or WGQS 145 (4)** (Completion of GE A2 with a C- or better) Can be taken anytime between Winter of Freshman and Winter of Sophomore Years.				Free Elective (4)	Graduation Writing Requirement GWR* (Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)			Free Elective (4)	Free Elective (3-4)	Free Elective (4)	
TOTAL YEARLY UNITS		46	TOTAL YEARLY UNITS		47	TOTAL YEARLY UNITS		43-45	TOTAL YEARLY UNITS		42-44	
										TOTAL:	180	

Notes:

MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET

* Refer to current catalog for prerequisites.

**One course from each of the following GE areas must be completed: A1, A2, A3, C1, C2, Lower-Division C Elective, Upper-Division C, D1, D2, Upper-Division D, Lower-Division E, F, and GE Elective. Upper-Division C and Upper-Division D should be taken only after Junior standing is reached (90 units).

Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR).

USCP requirement can be satisfied by some (but not all) courses within GE categories: Upper-Division B, C1, Upper-Division C; D1, D2, Upper-Division D, or E.

MUST MEET GRADUATION REQUIREMENT OF 60 UNITS OF 300-400 LEVEL COURSES

¹ If a course is taken to meet a Major or Support requirement, it cannot be double-counted in the Approved Elective category.

² **Approved Electives:** Select 16 units of any course with an ASCI or DSCI prefix at the 300-500 level. May include a maximum of 6 units between ASCI 339 or ASCI 490.

³ Required in Major or Support; also satisfies General Education (GE) requirement.

⁴ CHEM 212 accepted in lieu of CHEM 312, but not for upper-division credit.

⁵ MATH 115 or MATH 116, and MATH 117 substitute for MATH 118.

⁶ Students should consult a faculty advisor before electing Credit/No Credit grading for any course. Courses elected for Credit/No Credit grading may not be recognized by post-graduate academic programs. If a 500-level course is used to satisfy their free elective requirements it cannot be used towards a graduate program.

⁷ Consult catalog for Term Typically Offered information. Not all classes available every term.

⁸ 4 units of free electives must be at the 300-500 level to ensure completion of the required minimum of 60 units of upper-division courses.

Legend:

Course Title	Major (82-84)
Course # (Units)	Support (25)
(Prerequisite)	General Ed. (52)
[GE Area]	Free Electives (19-21) ^{6,8}