

Updated 8/15/2023

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 (4) (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) ⁶		Pre-Vet Track Free Elective Intro to Organismal Form & Function BIO 162 (4) (BIO 161, Recom: CHEM 110, 111, 124, or 127)			Reproductive Physiology ASCI 351 (4) (ASCI 229)			Senior Project Select one: ASCI 477 or 478 or 479 (3) ⁶ *		
Principles of Animal Science ASCI 112 (4)	Nonruminants Select one: ASCI 222 or 225 (4) ⁶					Undergraduate Seminar ASCI 363 (2) (Jr Standing)			Nutrition Select one: ASCI 346, 350, 355, 419, or DSCI 301 (4) ⁶ *		
	Companion Animals / Range Mgmt Select one: ASCI 224, 227, or 239 (4) ⁶					Animal Genetics ASCI 302 (4) (BIO 111 or 161; STAT 218)			Biochem / Chem Select one: ^{3,6} ASCI 319, CHEM 314, or CHEM 369 (4-5) * [Upper-Division B]		
Math Select one: ^{3,4} MATH 118 or 161 (4) * [B4]		Anatomy and Physiology of Farm Animals ASCI 229 (4) (BIO 111 or 161)									
Pre-Vet Track Biology ³ Intro to Cell & Molec Bio BIO 161 (4) (Recom: CHEM 110, 124, or 127) [B2 & B3]		Gen Chem for Ag & Life Science I CHEM 127 (4) ³ (MATH 118 or 130, 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)		Pre-Vet Track Free Elective Gen Chem for Ag & Life Sci III CHEM 129 (4) (CHEM 128)		Animal Welfare & Ethics ASCI 340 (4) (BIO 111 or 161; Jr Standing)		Appr Elective (4) ^{1,2} *	
GE (4) **	GE (4) **							Pre-Vet Track Organic Chem Organic Chem I CHEM 216 (5) (CHEM 126 or 129 w/ min C- or Instr. Consent)	Pre-Vet Track Free Elective Organic Chem & Lab II CHEM 217 (3) * & CHEM 220 (1) *	Appr Elective (4) ^{1,2} *	Appr Elective (4) ^{1,2} *
Oral Communication COMS 101/102 (4)** [A1]		GE (4) **		Applied Stats for the Life Sciences STAT 218 (4) ³ * [GE Elective]				Upper-Division GE (4) (Recom: Upper-Div C with GWR)	Upper-Division GE (4) ⁷ (Recom: Upper-Div GE Elective)	Pre-Vet Track Free Elective College Physics I College Physics I PHYS 121 (4) (MATH 118 & HS trig, or 119)	Pre-Vet Track Free Elective College Physics II College Physics II PHYS 122 (4) (PHYS 121 or 141)
Expository Writing ENGL 133/134 (4)** [A2]		GE (4) **		GE (4) **		GE (4) **				Pre-Vet Track Free Elective ⁸ College Physics I Lab PHYS 125 (1) (Consent of CSM Advising; Coreq: PHYS 121)	
		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.						Graduation Writing Requirement GWR* (Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)		Upper Division GE (4) **	GE (4) **
TOTAL YEARLY UNITS		46		TOTAL YEARLY UNITS		48		TOTAL YEARLY UNITS		46-47	
TOTAL YEARLY UNITS				TOTAL YEARLY UNITS				TOTAL YEARLY UNITS		39-40	
										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.

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

⁴ MATH 115 or MATH 116, and MATH 117 substitute for MATH 118.

⁵ 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.

⁶ Consult catalog for Term Typically Offered information. Not all classes available every term.

⁷ Students must complete a minimum of 60 units of upper-division courses. It is recommended that Pre-Vet Track students take an upper-division GE Elective to complete this requirement. Please see the catalog for more details.

⁸ Please contact the ASCI Department about receiving a permission number for PHYS 125.

⁹ This flowchart reflects most veterinary school prerequisites. Requirements are subject to change. Please consult individual school websites to ensure all requirements have been met.

Legend:

Course Title	Major (82-83)
Course # (Units)	Support (25)
(Prerequisite)	General Ed. (52)
[GE Area]	Free Electives (21) ⁵