

Updated 7/8/2022

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Intro to the Animal Sciences ASCI 101 (2)	Milk Processing and Inspection DSCI 233 (4) (DSCI 229, FSN 125, or FSN 230)	Dairy Cattle Selection, Breeds, Fitting, & Showing DSCI 241 (4) (DSCI 230)	Choose one: Dairy Operations & Safety DSCI 102 (2) OR Internship in Animal Science ASCI 339 (2)*	Introductory Animal Nutrition and Feeding ASCI 220 (4) (BIO 111 or 161; CHEM 127)		Dairy Cattle Nutrition DSCI 301 (4) (ASCI 220 w/ min C- or Instructor Consent)	Animal Welfare and Ethics ASCI 340 (4) (BIO 111 or 161; Jr Standing)	Undergraduate Seminar ASCI 363 (2) (Jr Standing)	Lactation Physiology DSCI 321 (4) (ASCI 220; DSCI 230; BIO 111 or 161)	Advanced Dairy Herd Management DSCI 432 (4) (DSCI 333)	Breeding & Genetics of Dairy Cattle DSCI 422 (4) (DSCI 241; BIO 111 or higher; STAT 130 or higher)
General Dairy Manufacturing DSCI 229 (4)	Precalculus Algebra MATH 118 (4)^{1,2} * [B4]	General Chemistry for Agriculture & Life Science I CHEM 127 (4)¹ * [B1 & B3]	Dairy Promotion and Marketing DSCI 202 (4) (DSCI 229 & 230)		Applied Statistics for the Life Sciences STAT 218 (4)¹ * [GE Elective]	Artificial Insemination & Embryo Biotechnology DSCI 330 (4) (ASCI 229 or DSCI 230)	Dairy Animal Health, Safety & Applied Technology DSCI 333 (4) (ASCI 220; DSCI 230)		Upper Division Designated Elective (4)⁵	Upper Division Designated Elective (4)⁵	Senior Project: Research Experience in ASCI ASCI 477 (3)* OR Current Topics in ASCI ASCI 479 (3)*
General Dairy Husbandry DSCI 230 (4)	Approved Elective (4)⁴ *		Choose one: Biology Course BIO 111¹ OR BIO 161^{1,3} (4)* [B2 & B3]	Approved Elective (4)⁴ *	Approved Elective (4)⁴ *	Approved Elective (4)⁴ *	Microbiology MCRO 221 (4)¹ (CHEM 110, 124, or 127) [B2 & B3]	Approved Elective (4)⁴ *	Approved Elective (6)⁴ *	Approved Elective (4)⁴ *	
Oral Communication COMS 101/102 (4)** [A1] Can be taken anytime during Freshman Year			GE (4) **	GE (4) **	GE (4) **		Upper Division GE (4) (Recom: UD-C w/GWR) **	Upper Division GE (4) **		Upper Division GE (4) **	Free Elective (5)
Expository Writing ENGL 133/134 (4)** [A2] Can be taken anytime during Freshman Year											
	Reasoning, Argumentation, & Writing [A3] COMS 126, 145, ENGL 145, 147, ES 145, PHIL 126, or WQQS 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)					
14	16	16	14	16	16	16	16	14	14	16	12
										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, Upper-Division B, C1, C2, Lower-Division C Elective, Upper-Division C, D1, D2, Upper-Division D, Lower-Division E, F, and GE Elective. Upper-Division B, 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.

¹ Required in Support; also satisfies GE.

² MATH 116 (3) and MATH 117 (3) can substitute for MATH 118 (4).

³ Students focusing on Dairy Foods should take BIO 161

⁴ At least 7 units must be 300-400 level. Consult with academic advisor regarding career tracks. See online catalog for course options.

⁵ Select 8 units from: DSCI 401, 402, 410, 412, or 444.

Legend:

Course Title	
Course # (Units)	
(Prerequisite)	
[GE Area]	

Major (69)

Support (50)

General Ed. (56)

Free Electives (5)