

College of Agriculture & Life Sciences
BACHELOR OF SCIENCE IN DAIRY SCIENCE
Dairy Business Management Option
Checksheet for Students Graduating in Calendar Year 2021

Curriculum for Liberal Education and CALS Requirements [45 credits]:							
AAEC 1005, 1006	or	ECON 2005,2006	Econ of Food & Fiber	or	Princ Econ	[3]	[3]
BIOL 1105, 1106	or	1005, 1006	Principles Biology	or	Gen Biology	[3]	[3]
BIOL 1115, 1116	or	1015, 1016	Principles Biology LAB	or	Gen Biology LAB	[1]	[1]
select 2 courses (6 credits total)							
CHEM 1015, 1016	or		Intro Chemistry	or		[3]	[3]
CHEM 1035, 1036			Gen Chemistry				
ENGL 1105, 1106	or	H1204	Freshman English	or	Honors English	[3]	[3]
MATH 1014 or 1016 or 1025 & STAT 2004			Pre Calculus or Calculus	&	Intro Statistics	[3]	[3] T
Ideas, Cultural Traditions, & Values [area 2]						[3]	[3]
Creativity & Aesthetic Experience [area 6]						[1]	
Critical Issues in a Global Context [area 7]						[3]	
Writing course:						[3]	
ALCE 3624 Communicating Agriculture in Writing							
or COMM 2024 Media Writing							
or ENGL 3764 Technical Writing							
or ENGL 3774 Business Writing							
(qualifying unlisted courses may be substituted) ³							

Departmental Requirements [24 credits]:		Fall	Spring
ALS 2304 ² (PRE: BIOL 1106)	Animal Physiology and Anatomy	[4]	
ALS 3104 ² (PRE: BIOL 1105, STAT 2004)	Animal Genetics and Breeding	[3]	
ALS 3204 ² (PRE: ALS 2304, CHEM 1016)	Animal Nutrition and Feeding		[3]
ALS 3304 ² , 3314 ² (PRE: ALS 2304)	Physiology of Reproduction & LAB	[2]	[1]
DASC 2474 ²	Dairy Science and Industry		[3]
DASC 2664 ²	Prof Discourse & Career Development	[1]	
DASC 3474 ² (PRE: DASC 2474)	Dairy Information Systems	[3]	
DASC 4374 ² (PRE: ALS 2304)	Lactation Physiology		[3]
DASC 4664 ^{2,3} (PRE: DASC 2664)	Translating Dairy Science	[1]	

TOTAL GENERAL REQUIREMENT CREDITS

69

ELIGIBILITY FOR CONTINUED ENROLLMENT

1. After completion of 30 Virginia Tech semester credits: 3 semester credits of DASC courses
2. After completion of 36 semester credits¹: 12 semester credits in any area of the Curriculum for Liberal Education
3. After completion of 72 semester credits¹: 24 semester credits in any area of the Curriculum for Liberal Education, 6 semester credits of DASC courses; at least 9 semester credits of in-major courses
4. After 96 semester credits: In-major GPA of at least 2.00, Overall GPA of at least 2.00

2.00 minimum overall and in-major GPAs are required for graduation.

- 1 Includes credits completed at Virginia Tech, transfer credits, advanced placement and standing, credit by exam, and course withdrawal
- 2 "in major" GPA courses indicated
- 3 Intensive writing course to meet departmental ViEWS requirement indicated

Student must have completed 2 years of High School Foreign Language OR 6 credits of University Foreign Language. Credits do not count towards graduation requirements.

DASC: DBM

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Option Dairy Requirements [9 credits minimum]			
DASC 4475 ² (PRE: DASC 3474)	Dairy Enterprise Management I		[3]
DASC 4476 ² (PRE: DASC 3474 and DASC 4475)	Dairy Enterprise Management II	[3]	
Select at least 1 course (3 credits total)			
DASC 3134 ²	Animal Agriculture and the Environment		[3]
DASC 3274 ² (PRE: ALS 3204)	Applied Dairy Nutrition	[3]	
DASC 4174 ² (PRE: DASC 3104)	Applied Dairy Genetics		[3]

Dairy electives [minimum 8 credits]			
		Fall	Spring
DASC 1464 ²	Dairy Cattle Handling	[1]	
DASC 2204 ²	Entrepreneurship in Animal Agriculture	[3]	
DASC 2484 ²	Dairy Cattle Evaluation		[2]
DASC/APSC 3134 ^{2,3}	Animal Agriculture and the Environment		[3]
DASC 4174 ^{2,3} (PRE: DASC 3104)	Applied Dairy Genetics		[3]
DASC 4274 ² (PRE: ALS 3204, PRE or CO: DASC 3274)	Dairy Ration Formulation	[1]	
DASC/APSC 4304 ² (PRE or CO: ALS 3304)	Bovine Reproduction Practices	[2]	
DASC 4384 ²	Mammary Immunology (taught even years)		[3]
DASC 4474 ² (PRE: DASC 3474, CO: DASC 4475)	Advanced Dairy Management Evaluation		[2]
DASC 4964 ² , 4974 ² or 4994 ²	Field study, Independent study or Undergraduate research (maximum of 3 credits)	[]	[]

Option Business Requirements [9 credits minimum]			
Any AAEC (except 1005, 1006), ACIS, ECON (except 2005, 2006), FIN, MGT, or MKTG.			
		[]	[]
		[]	[]

Option Restricted Electives [12 credits minimum]			
Any AAEC, ACIS, ALS, APSC, BCHM, BIOL, BSE, CHEM, COMM, CS, CSES, DASC, ECON, ENT, FIW, FOR, FST, HORT, MATH, MGT, MKTG, PHYS, SPAN, STAT, and VMS courses (with advisor approval).			
		[]	[]
		[]	[]

Minimum Total Option Credits

38

Free Electives [Number needed to complete 120 credits]:			
		[]	[]
		[]	[]
		[]	[]
		[]	[]

MINIMUM DASC CREDITS REQUIRED FOR GRADUATION 28
TOTAL CREDITS REQUIRED FOR GRADUATION 120

- 1 Includes credits completed at Virginia Tech, transfer credits, advanced placement and standing, credit by exam, and course withdrawal
2 "in major" GPA courses indicated
3 Count as Dairy Elective only if not taken to meet Option Dairy Requirements