APPROVED
COMMISSION ON UNDERGRADUATE
STUDIES AND POLICIES

College of Agriculture & Life Sciences

Department of Dairy Science

Bachelor of Science in Dairy Science

Dairy Business Management Option

Checksheet for Students Graduating in Calendar Year **2020**

Curriculum for Liberal Education and CALS Requirements [45 credits]:						
AAEC 1005, 1006	**or**	ECON 2005-2006	Econ Food Fiber Sys [area 3]	**or**	Principles of Economics [area 3]	[3] [3]
BIOL 1105, 1106	**or**	1005, 1006	Principles of Biology [area 4]	**or**	General Biology [area 4]	[3] [3]
BIOL 1115, 1116	**or**	1015, 1016	Principles of Biol Lab [area 4]	**or**	General Biology Lab [area 4]	[1] [1]
select 2 courses (6 credits total) CHEM 1015, 1016 CHEM 1035-1036* *(PRE: 1035 or 1055 or 1055H)	**or**		Chemistry in Context [area 4] General Chemistry	**or**		[3] [3]
ENGL 1105-1106	**or**	1204H	First-Year Writing [area 1]	**or**	Honors Freshman English [area 1]	[3] [3]
MATH 1014 or 1016 or 1025 **&** STAT 2004 (PRE: MATH 1014 or 1015)			Precalc With Transcendental Elementary Calculus	**or** **&**	Calculus With Trig I Introductory Statistics	[3] [3]
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: ALCE 3624 Comm Agriculture in Writing or COMM 2024 Media Writing (PRE: COMM 1016 or ENGL 1106 or ENGL 1204H) or ENGL 3764 Technical Writing or ENGL 3774 Business Writing (qualifying unlisted courses may be substituted)[3]						[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 Breeding and Genetics	[3]	
ALS 3204[2] (PRE: 2304 AND (CHEM 1016 OR CHEM 1036 OR CHEM 1036H))	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 Dev	[1]	
DASC 3474[2] (Junior Standing. PRE: 2474)	Dairy Information Systems	[3]	
DASC 4374[2] (PRE: ALS 2304)	Physiology of Lactation		[3]
DASC 4664[2,3] (PRE: 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 credits[1]: 12 semester credits in any area of the Curriculum for Liberal Education
3. After completion of 72 semester credits[1]: 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.

Revised 1/2018

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Option Dairy Requirements [9 credits minimum]			
DASC 4475[2] (PRE: 2474)	Dairy Enterprise Management		[3]
DASC 4476[2] (PRE: 3474, (4475 or AAEC 3454))	Dairy Enterprise Management	[3]	
Select at least 1 course (3 credits total)			
DASC/APSC 3134[2]	Animal Ag and the Environment		[3]
DASC 3274[2] (PRE: ALS 3204)	Applied Dairy Cattle Nutrition	[3]	
DASC 4174[2] (PRE: ALS 3104)	Applied Dairy Cattle Genetics		[3]

Dairy electives [minimum 8 credits]			
		Fall	***Spring***
DASC 2204[2] (Sophomore Standing. PRE: AAEC 1005)	Entrepreneurship in Animal Ag	[3]	
DASC 2484[2]	Dairy Cattle Evaluation		[2]
DASC/APSC 3134[2,3]	Animal Ag and the Environment		[3]
DASC 4174[2,3] (PRE: ALS 3104)	Applied Dairy Cattle Genetics		[3]
DASC 4274[2] (PRE: ALS 3204. CO: 3274)	Dairy Ration Formulation	[1]	
DASC/APSC 4304[2](PRE: ALS 2304)	Bovine Reproduction Practices	[2]	
DASC 4384[2] (PRE: ALS 2304, ENGL 1106)	Mammary Immunology (taught even years)		[3]
DASC 4474[2] (PRE: 3474, ALS 3204, ALS 3304. CO: 4475)	Advanced Dairy Management Eval		[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

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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

Revised 1/2018