

DAIRY MANAGEMENT, B.TECH.

Major Code: 1605

The Northeast Dairy Industry has many advantages that are causing growth and creating greater profitability. The resulting growth of the Northeast Dairy Industry is generating a need for qualified people trained in the management of dairy farms and related businesses. Dairy farms, like other businesses, are really about people. The B.Tech. in Dairy Management is designed to prepare students to enter this very dynamic and rewarding industry. The program focuses on enhancing management and herdsman skills, emphasizing three areas: interpersonal skills such as communication, animal science and business management. The program is very practical and student-oriented, giving students many opportunities to experience working with dairy animals and managing dairy enterprises.

The facilities include a free-stall complex milking around 200 registered Holsteins, an electronically enhanced milking parlor and student-managed computer systems and a modern calf and heifer facility, all of which provides a tremendous learning environment for dairy and agricultural students.

Students will be required to complete the *Dairy Management Experience* course at the end of their career at Morrisville, which will include either a 15-week dairy-related internship, or a one semester residency in the W. H. Miner Agricultural Research Institute's Advanced Dairy Management Program.

Student Learning Outcomes

Upon successful completion of this program, students will be able to:

- utilize and demonstrate effective time and human resource management
- develop problem-solving and critical thinking skills
- utilize practical knowledge and skill sets pertinent to the dairy and agriculture industries

Curriculum Requirements

A minimum of 120 credits is required for degree completion.

Code	Title	Credits
DANS 100	Dairy Nutrition	3
DANS 110	Breeding Dairy Cattle	3
DANS 120	Anatomy & Physiology-Dairy Cow	3
DANS 140	Dairy Cattle Judging	1
DANS 150	Dairy Farm Practicum I	2
DANS 151	Dairy Farm Practicum II	2
DANS 160	Introduction to Dairy Science	3
DANS 210	Dairy Health	3
DANS 220	Dairy Herd Management	3
DANS 225	Dairy Production & Management	3
DANS 240	Dairy Farm Data Management	1
DANS 301	Dairy Management Experience	16
DANS 305	Dairy Calf & Heifer Management	3
DANS 340	Advanced Dairy Reproduction	3
DANS 450	Advanced Dairy Herd Mgt	4
AGBS 100	Agricultural Economics	3

or AGBS 225	Environmental Economics	
AGBS 200	Marketing Agricultural Products	3
AGBS 240	Farm Management and Finance	4
AGBS 305	Ag Financial Decision Making	3
AGBS 405	Farm & Rural Mngt Capstone	3
AGRO 110	Soil Science	3
AGRO 210	Field Crops	3
AGRO 310	Pasture Mgt and Forages Prod	3
300-400 Level BSAD or AGBS course as advised		3
BSAD or AGBS course as advised		3
AGSC 350	Animal Genetics	3
Select one of the following Options:		2
Option 1:		
AGSC 132	Introduction to Precision Farming	
Option 2:		
OFFT 110	Introduction to MS Excel	
OFFT 100	Introduction to MS Word	
	or OFFT 106 Personal Computer Keyboarding	
	or OFFT 109 Introduction to MS PowerPoint	
ACCT course as advised		3
SUNY General Education Communication Written and Oral as advised		3-6
COMP 310	Advance Tech Communication	3
SUNY General Education Diversity, Equity, Inclusion and Social Justice as advised		3
Select one of the following:		3
AGSC 137	Agricultural Statistics	
SUNY General Education Mathematics as advised		
SPAN Spanish as Advised		3
Additional SUNY General Education Credits as advised		6
Additional General Elective Credits as advised		7
Total Credits		120-123

Suggested Course Sequence

Course	Title	Credits
Year 1		
Fall		
DANS 100	Dairy Nutrition	3
DANS 160	Introduction to Dairy Science	3
DANS 150	Dairy Farm Practicum I	2
AGBS 100	Agricultural Economics	3
AGRO 110	Soil Science	3
COMM 105	Research & Communication	3
Credits		17
Spring		
DANS 110	Breeding Dairy Cattle	3
DANS 120	Anatomy & Physiology-Dairy Cow	3
DANS 140	Dairy Cattle Judging	1
DANS 151	Dairy Farm Practicum II	2
DANS 240	Dairy Farm Data Management	1
AGBS 200	Marketing Agricultural Products	3
SUNY General Education as advised		3
Credits		16
Year 2		
Fall		
DANS 210	Dairy Health	3
DANS 220	Dairy Herd Management	3

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AGBS 240	Farm Management and Finance	4
AGRO 210	Field Crops	3
SUNY General Education as advised		3
Credits		16
Spring		
DANS 225	Dairy Production & Management	3
OFFT 110	Introduction to MS Excel	1
Select one of the following:		1
OFFT 100	Introduction to MS Word	
OFFT 106	Personal Computer Keyboarding	
OFFT 109	Introduction to MS PowerPoint	
ACCT 101	Principles of Accounting I	3
AGSC 137	Agricultural Statistics	3
SUNY General Education as advised		3
Credits		14
Year 3		
Fall		
DANS 340	Advanced Dairy Reproduction	3
AGBS 305	Ag Financial Decision Making	3
AGRO 310	Pasture Mgt and Forages Prod	3
SPAN 101	Beginning College Spanish 1	3
AGBS or BSAD Elective as advised		3
Credits		15
Spring		
DANS 305	Dairy Calf & Heifer Management	3
AGBS 405	Farm & Rural Mngt Capstone	3
COMP 310	Advance Tech Communication	3
SUNY General Education Diversity, Equity, Inclusion and Social Justice as advised		3
General Elective as advised		2
Credits		14
Year 4		
Fall		
AGSC 350	Animal Genetics	3
DANS 450	Advanced Dairy Herd Mgt	4
300-400 Upper Division AGBS/BSAD Elective as advised		3
General Elective as advised		3
Credits		13
Spring		
DANS 301	Dairy Management Experience	16
Credits		16
Total Credits		121