

Interests include: able to understand how to manage and operate a dairy operation, and develop sustainable agricultural systems, as well as other agricultural enterprises.



Name:
High School:
Plan of Study: Dairy Science



Grade	English/ Language Arts	Math	Science	Social Studies/ Sciences	Career and Technical Courses Central to this Pathway	Other Required Courses, Electives	Student Organizations/ Community Service		
Career Interest Inventory Administered and Program of Study Initiate for all Learners									
9						Required: Suggested: <ul style="list-style-type: none"> • Agriculture classes • Science Classes • Algebra • Communications • Computers and Keyboarding 			
10									
11									
College Placement Assessments- Academic/ Career Advisement Provided (Accuplacer, ACT, SAT, etc.) Did you participate in a Youth Apprenticeship?									
12									
Articulation/ Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes							Occupations Relating to this Pathway		
General Education Courses					Program Courses		<u>Associate Degree:</u> Dairy Operator Farm Salesperson Animal Breeder Farm Manager Feed Sales Grain Operator		
13/14	Oral/Interpersonal Communications Interim Algebra with/Appls	Written Comm.	(4 sem) General Chemistry Economics	(5 sem) Intro to Sociology Intro to Psych or Psych of Human Relations	▪ Orientation to Dairy Science ▪ Intro to Animal/Dairy Science ▪ Herd Management Lab 1 ▪ Farm Machinery Operation & Economics ▪ Agriculture Computer Applications	▪ Milk Quality & Production ▪ Herd Management Lab 2 ▪ Principles of Crop Production ▪ Employer/Employee Relations ▪ Agricultural Accounting	▪ Dairy Occupational Internship (4 semester) ▪ Dairy Management/Health ▪ Dairy Nutrition ▪ Herd Management Lab 3 ▪ Nutrient Management	▪ Animal Breeding Reproduction Selection ▪ Herd Management Lab 4 ▪ Spanish for Agriculture ▪ Agriculture Marketing ▪ Farm Business Management	<u>Bachelor's Degree:</u> Dairy Operator Plant Manager District Sales Manager Coop Manager
15/16	NTC is currently working on articulation agreements with post-secondary institutions. Check out the transfer guides with Upper Iowa (Business Administration) at: www.ntc.edu/transferinfo/								