

Coordinated Plan of Study

North Dakota Career and Technical Education or Academic Scholarship

AGRICULTURAL EDUCATION

Agriculture, Food & Natural Resources Career Cluster	
Course Code	Description
01011	Introduction to Agriculture
01021	Agriscience Technology I
01012	Foundations of Agriculture
01022	Agriscience Technology II
01073	Agriculture III
01023	Agriscience Technology III
01074	Agriculture IV
01080	CASE – Intro to AFNR
Agribusiness Systems Pathway	
Course Code	Description
01034	Agricultural Sales & Service
01035	Agricultural Business Management
01069	World Agricultural Science and Technology
01993	Community Development
01995	Supervised Agricultural Experience
01999	Cooperative Work Experience
01990	Individual Agricultural Studies

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01011	Introduction to Agriculture
01021	Agriscience Technology I
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01022	Agriscience Technology II
01073	Agriculture III
01023	Agriscience Technology III
01074	Agriculture IV
01080	CASE – Intro to AFNR
Animal Systems Pathway	
Course Code	Description
01081	CASE – Principles of Agricultural Science-Animal
01061	Livestock Production
01062	Equine Science
01066	Small Animal Care
01067	Veterinary Science
01068	Agriculture Processing
01069	World Agriculture Science and Technology
01990	Individual Agricultural Studies
01995	Supervised Agricultural Experience
01999	Cooperative Work Experience

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01011	Introduction to Agriculture
01021	Agriscience Technology I
01012	Foundations of Agriculture
01022	Agriscience Technology II
01073	Agriculture III
01023	Agriscience Technology III
01074	Agriculture IV
01080	CASE – Intro to AFNR
Environmental Services Systems Pathway	
Course Code	Description
01053 – 54	Botany/Horticulture Science
01043 – 44	Agricultural Mechanics Technology
01063	Natural/Environmental Resources
01069	World Agricultural Science and Technology
01088	CASE Environmental Issues
01990	Individual Agricultural Studies
01993	Community Development
01995	Supervised Agricultural Experience
01999	Cooperative Work Experience

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01011	Introduction to Agriculture
01021	Agriscience Technology I
01012	Foundations of Agriculture
01022	Agriscience Technology II
01073	Agriculture III
01023	Agriscience Technology III
01074	Agriculture IV
01080	CASE – Intro to AFNR
Food Products & Processing Systems Pathway	
Course Code	Description
01068	Agriculture Processing
01990	Individual Agricultural Studies
01995	Supervised Agricultural Experience
01999	Cooperative Work Experience

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01021	Agriscience Technology I
01012	Foundations of Agriculture
01022	Agriscience Technology II
01073	Agriculture III
01023	Agriscience Technology III
01074	Agriculture IV
01080	CASE – Intro to AFNR
Natural Resources Pathway	
Course Code	Description
01053	Botany/Horticulture Science I
01054	Botany/Horticulture Science II
01063	Natural/Environmental Resources
01069	World Agriculture Science and Technology
01990	Individual Agricultural Studies
01993	Community Development
01995	Supervised Agricultural Experience
01999	Cooperative Work Experience

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01011	Introduction to Agriculture
01021	Agriscience Technology I
01012	Foundations of Agriculture
01022	Agriscience Technology II
01073	Agriculture III
01023	Agriscience Technology III
01074	Agriculture IV
01080	CASE – Intro to AFNR
Plant Systems Pathway	
Course Code	Description
01082	CASE – Principles of Agricultural Science-Plant
01025	Agronomy Science
01053	Botany/Horticulture Science I
01054	Botany/Horticulture Science II
01069	World Agriculture Science and Technology
01990	Individual Agricultural Studies
01995	Supervised Agricultural Experience
01999	Cooperative Work Experience

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01011	Introduction to Agriculture
01021	Agriscience Technology I
01012	Foundations of Agriculture
01022	Agriscience Technology II
01073	Agriculture III
01023	Agriscience Technology III
01074	Agriculture IV
01080	CASE – Intro to AFNR
Power, Structural & Technical Systems Pathway	
Course Code	Description
01043	Agricultural Mechanics Technology I
01044	Agricultural Mechanics Technology II
01045	Agricultural Mechanics Power Systems
01046	Agricultural Welding & Fabrication
01047	Advanced Ag Welding & Fabrication
01990	Individual Agricultural Studies
01995	Supervised Agricultural Experience
01999	Cooperative Work Experience

- Student must complete at least 2 credits in one Career Cluster/Pathway.
- The top/blue section of the plan consists of more general courses that fit into the career cluster. The second/red section identifies a career pathway within that cluster and contains courses intended to better prepare students interested in that specific pathway.
- To complete two credits in a coordinated plan of study, a student chooses two or more courses to equal that number of credits, utilizing courses from both sections.