

FARM AND RANCH MANAGEMENT

TECHNICAL • LIMITED ENROLLMENT
ON-CAMPUS



The global economy offers many opportunities to provide food, animal feed and energy, which makes it an exciting time to be involved in agriculture.

CAREER opportunities

- Farm/Ranch Manager
- Farm/Ranch Owner
- Foreman
- Machinery Operations
- Livestock Husbandry
- Feedlot Manager
- Feedlot Operations

HANDS-ON LEARNING. WORKFORCE READY.

Agriculture is evolving into a business-savvy industry.

Learn to manage a crop or livestock production operation with the Farm and Ranch Management degree from Bismarck State College. BSC's technology-infused curriculum is designed to prepare you to be a successful manager and includes prescribed course work in accounting, agricultural finance, marketing, precision agriculture, crop science, soil science and livestock production. The program also requires participation in a cooperative education internship. Students interested in agriculture should be resourceful, flexible, creative problem solvers and interested in Farming/Management of Ranching Operations.

PRESCRIBED TECHNICAL PROGRAM REQUIREMENTS

AGRI 115	Agriculture Math	AGEC 246	Intro. to Agricultural Finance
ANSC 114	Intro. to Animal Science	AGEC 252	Farm Management Seminar
ANSC 123	Feeds and Feeding	PAG 115	Intro. to Precision Agriculture
AGEC 242	Intro. to Agricultural Management	PLSC 110	World Food Crops
AGEC 244	Intro. to Agricultural Marketing	SOIL 210	Intro. to Soil Science

REQUIRED PROGRAM ELECTIVES

Students select 17 credits from the following:

ANSC 220/220L	Livestock Production/Lab	PLSC 223/223L	Intro. to Weed Science/Lab
AGRI 289	Agriculture Industry Training	PAG 215	Mapping Precision Ag Data
AGEC 250	AgriSales	PLSC 225	Principles of Crop
ANSC 220/220L	Livestock Production/Lab	PLSC 235/235L	Field Scouting Techniques/Lab
ANSC 252	Large Ruminant Production	PLSC 243	Advanced Weed Science
ANSC 255	Livestock Technology	PLSC 245	Advanced Crop Production
ASM 130	Ag Industry Machinery Operation	RNG 236	Intro. to Range Management
ASM 175	Agriculture Industry Skills	SOIL 222/222L	Soil Fertility and Fertilizers/Lab
PAG 286	Agriculture Machinery Technology	VETS 101	Intro. to Veterinary Science
PAG 286	Advanced Mapping	VETS 239	Animal Health
PAG 276	Data Collection and Management		

*Program also includes required general education



bismarckstate.edu

*Earning estimates were provided by Lightcast in the summer of 2022

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