

AGRICULTURE, INDUSTRY AND TECHNOLOGY (AGRONOMY)

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

- Agronomist
- Crop Consultant
- Crop Scout
- Crop Protection Applicator
- Fertilizer Applicator
- Retail/Wholesale Sales Professional

HANDS-ON LEARNING. WORKFORCE READY.

BSC's Agronomy program prepares students for multiple positions within the agronomy industry.

Agronomy is the science of producing and using plants for food, fuel, fiber and land reclamation. Agriculture is evolving into a more business-savvy industry and large farming operations are turning to agronomists to manage soil and crop production.

Coursework focuses on crop science, agribusiness skills, and technology-based processes related to business management, crop production, soil science and precision farming. Instruction includes guidance systems, handheld GPS systems, GIS software, variable rate fertilizer application and remote sensing. Students graduate with an Associate in Applied Science degree.

PRESCRIBED TECHNICAL PROGRAM REQUIREMENTS

AGRI 115	Agriculture Math	PAG 215	Mapping of Precision Ag Data
AGRI 191	First Year Seminar	PAG 276	Data Collection and Management
AGRI 197	Cooperative Education/Internship	PAG 286	Advanced Mapping
AGRI 291	Second Year Seminar	PLSC 110/L	World Food Crops
AGEC 141	Intro. to Agribusiness Management	PLSC 223	Intro. to Weed Science
AGEC 242	Intro. to Agricultural Management	PLSC 225	Principles of Crop Production
AGEC 244	Intro. to Agricultural Marketing	PLSC 235/L	Field Scouting Techniques
AGEC 246	Intro. to Agricultural Finance	PLSC 243	Advanced Weed Science
AGEC 250	AgriSales	PLSC 245	Advanced Crop Production
ASM 130	Ag. Industry Machinery Operation	SOIL 210	Intro. to Soil Science
PAG 115	Intro. to Precision Agriculture	SOIL 222	Soil Fertility and Fertilizers

**Program also includes required general education and program elective credits*



bismarckstate.edu

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

An equal opportunity provider.
FAC-048-1122