

# 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

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

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



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

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