

RANCH OPERATIONS

Overview

Degrees Offered: Program Certificate

Limited Enrollment: Yes

Program Begins: Fall

Delivery Method: On Campus

Phone: 701-224-2429

Email: Email: bsc.cet@bismarckstate.edu

Description

The Ranch Operations certificate program is a concentrated curriculum designed to train students for an entry level position in the Production Livestock Industry. The program emphasizes hands-on learning through labs and practicum experience. Students will have the knowledge and skills to assess health and treatment regimens, interpret nutritional needs and feeding systems, execute pasture and grazing management, and discuss issues facing the livestock industry. Technology is infused in the curriculum and includes computer-assisted ration formulation, performance record keeping software, mapping of pastures, infrastructure and cowherd movement, and exploration of innovative technologies.

Preparation

Students interested in agriculture should be resourceful, flexible, and creative problem solvers. Some ranch experience is helpful, but not required. Interested students are encouraged to apply early as openings are limited.

Requirements

Students who complete the curriculum requirements earn a Ranch Operations Program Certificate.

Career Opportunities

Advances in technology, grazing practices, and animal health in the beef cattle industry are creating a significant demand for trained employees. The demand exists in all segments of the industry from seedstock and cow-calf producers, to feedlot operations. Certificate holders will possess the basic skills to work in these segments while continuing their training on the job.

Additional Information

Students may continue with their education toward a Farm and Ranch Management Associate in Applied Science (AAS) degree.

Agriculture Club is the most active club on the BSC campus. Members host tailgating prior to Mystic events, participate in monthly social activities, partake in volunteer opportunities, attend field trips to various agribusinesses and promote agriculture on the BSC campus.

Scholarships are readily available to students enrolled in agriculture degree programs.

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Degree Plans

- Ranch Operations Program Certificate

Program Learning Outcomes

Upon graduation, Ranch Operations students will be able to:

- Examine and formulate practical applications for basic livestock production practices.
- Demonstrate critical thinking and problem solving skills as they apply to a variety of agriculture systems