DAKOTA COLLEGE AT BOTTINEAU

ASSOCIATE OF APPLIED SCIENCE

Horticulture

The Horticulture Department offers one-year and two-year programs in horticulture. There are four horticultural options: Greenhouse Technology, Aquaponics Production, Specialty Crop Production, and Floral Design. Students will receive a horticulture degree or certificate that identifies with one of the below focus areas. To receive recognition of a focus area on the student's transcripts they must complete at least 10 of their elective credits within that focus area.

FOCUS AREAS

Greenhouse Technology: Prepares students for exciting careers in today's "green industry." Students will learn the skills required to work in the greenhouse industries such as: greenhouse production and management, landscape plant management, plant identification and culture, insect and disease identification and control, environmental controls, mechanization, public relations, floral design and retail, and marketing and sales skills.

Aquaponics Production and Management: Aquaponics is the combination of aquaculture, the production of marine and freshwater aquatic plants and animals; and hydroponics, the science of growing plants in water or a media other than soil. The program prepares students for career opportunities in aquaponics, aquaculture and greenhouse production. The program will provide students with the knowledge and skills necessary to build, operate and manage an aquaponics system.

Specialty Crop Production: Provides instructional and hands-on learning in the production, harvesting, marketing, and use of specialty crops. Specialty crops include edible fruit, vegetable, and herbs. Students learn about production of food crops grown in the field and high tunnel operations, production of a safe and sustainable food supply, integrated pest management, and good agricultural practices.

Floral Design: Prepares students for the floral industry by exploring and gaining skill in the history of floral design, proper care and the handling and identification of floral materials along with how to arrange, package, and market these materials. Students will be prepared to work in floral retail operation and management.



"I enjoy the small class sizes at DCB. It allows me to receive one-on-one attention from all of my instructors."

– Zach Garrett
Creighton, SK



START SMALL...GO FAR
WITH DAKOTA COLLEGE AT BOTTINEAU

COURSES REQUIRED
Horticulture (AAS)

Freshman Year	Fall	Spring
CSCI 101 Intro. to Computers or CSCI 289 Social Implication of Tech.	3 cr	
Fine arts/humanities/social science elective	3 cr	
Math elective	3 cr	
PLSC 210 Horticulture Science	4 cr	
UNIV 101 Leadership Through Service	1 cr	
Wellness elective	0.5 cr	
AGEC Introduction to Ag Business		3 cr
Communication elective		3 cr
Co-op Education or Practicum		2 cr
HORT 249 Greenhouse Operations		4 cr
HORT or PLSC electives		5 cr
Math/science/technology elective		3 cr
Wellness elective		0.5 cr

Sophomore Year	Fall	Spring
Co-op Education or Practicum	2 cr	
HORT 151 Intro. to Plants and Pests (online)	1 cr	
HORT or PLSC electives	5 cr	
Math/science/technology elective	3 cr	
PLSC 110 World Food Crops	3 cr	
SOIL 110 Intro. to Soil Science (online)	3 cr	
BUSN or BADM elective		3 cr
Co-op Education or Practicum		2 cr
PLSC 268 Plant Propagation		2 cr
Electives		6 cr

Electives can be from the following: AGRI, AGEC, ENVT, FORS, and PLSC. Consult with program advisor for electives.

All courses subject to change.

CONTACT INFORMATION



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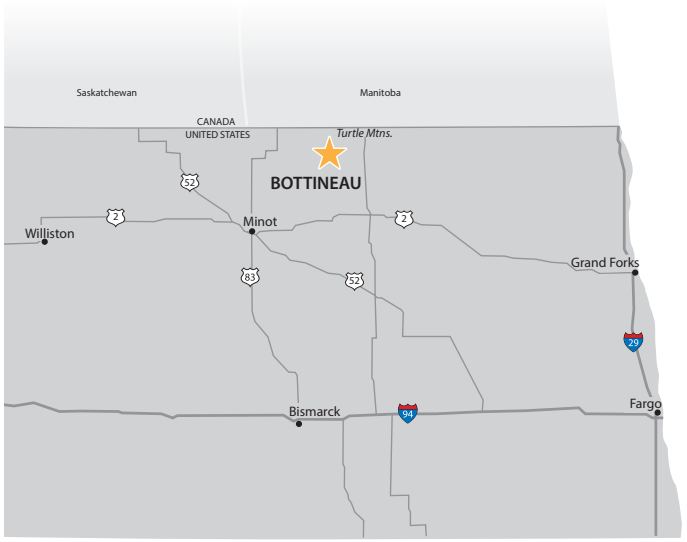
Admission Application and Campus Tours
Admission/Student Services: 800-542-6866

WWW.DAKOTACOLLEGE.EDU



DAKOTA COLLEGE AT BOTTINEAU VISION

Dakota College at Bottineau is rooted in the past and grows towards the future by combining the best from the *Past, Present, and Future* to provide students with innovative educational opportunities. The campus will emphasize a knowledge and appreciation of *Nature*, implement a rapidly changing *Technology*, and prepare students to go *Beyond* and improve the quality of life.



DCB offers several varsity sports!
Visit www.dcbjacks.com.

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