

2018-2019

SOUTHEAST
COMMUNITY
COLLEGE
NEBRASKA

HORTICULTURE & TURFGRASS MANAGEMENT

Associate of
Applied Science
Degree

BEATRICE CAMPUS

www.southeast.edu/HortandTurf



The Horticulture & Turfgrass Management program combines classroom theory with hands-on experience in various settings throughout the Beatrice Campus, including two golf course holes. A cooperative experience can be completed at a golf course, landscape company or greenhouse, to name a few. Successful completion of the program prepares students for a variety of careers, both indoors and outdoors, including landscape design and construction, greenhouse manager, nursery manager, and maintaining turfgrass areas on a golf course, athletic fields, and other commercial and non-commercial turf areas. Students in our program have found great success in the classroom and after graduation, including winning the 2018 North American Colleges and Teachers of Agriculture Horticulture Competition. Our students are National Champions and technically trained future employees in the industry.

New Program of Study – Pending Coordinating Commission for Postsecondary Education approval.

Credit Hours Required for Graduation:

- | | |
|---|-------|
| • Golf and Sports Turf Management Focus | 106.0 |
| • Horticulture Focus | 106.0 |

Program Overview:

Horticulture: Pursuing a career in horticulture can take you on many different paths. Students in our program learn about plant propagation, greenhouse management, plant identification, landscape design principles and application, tree maintenance, and many more areas of specialization. Students also will get to participate in the annual bedding plant sale, of which all plants are grown in our very own greenhouses. Our students also have the opportunity to become members in the SCC Horticulture Club and participate in national collegiate competitions.

Turfgrass Management: Students completing our program have the opportunity to compete for jobs at more than 700,000 athletics fields and 15,000 golf courses in the United States alone. Our students will gain experience in irrigation and water management, basic and advanced turfgrass culture, management of turfgrass operations, and many other areas of interest. There is a very high demand for technically trained students to manage and maintain turfgrass areas throughout the United States. Our students will learn the ins and outs of the industry and upon graduation will be able to step in to their first turfgrass position with great success.

Types of jobs available:

- Golf Course Superintendent
- Golf Course Assistant Superintendent
- Golf Course Spray Tech
- Golf Course Irrigation Tech
- Sports Field Manager
- Assistant Sports Field Manager
- Lawn Care Operator
- Landscape Construction
- Landscape Installation
- Landscape Maintenance
- Sales
- Greenhouse Manager
- Groundskeeper
- Commercial Pesticide Applicator

For more information contact:

Evan Alderman, Program Chair
402-228-3468, 800-233-5027 ext. 1189
ealderman@southeast.edu

or the College Admissions Office
Beatrice 402-228-8214, 800-233-5027 ext. 1214



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General Education Requirements:

Contact your program advisor to select general education courses from each category which will meet your program's graduation requirements. See the General Education pages online for a complete list.

(One class from each area below).

Oral Communications	4.5
Written Communications	4.5

(Plus three classes from the four areas below; no two classes from the same area).

Critical Thinking & Problem Solving, Global Awareness and Citizenship, Analytical, Quantitative and Scientific Reasoning, and/or Career and Life Skills

See catalog for eligible classes	13.5
	22.5 hours

Horticulture and Turfgrass Management Core Courses:

AGRI1153	Soils & Plant Nutrition	6.0
AGRI2220	Ag Chemical & Equipment Application	6.0
HORT1130	Introduction to Horticulture	4.5
HORT1131	Plant Science	4.5
HORT1133	Horticulture Plant ID & Selection	4.5
HORT1135	Basic Fertilizer Management	3.0
HORT1215	Horticulture Equipment Maintenance and Operation	4.5
HORT1216	Horticulture Business Management	4.5
HORT1242	Turfgrass Management	4.5
HORT2219	Pesticide Certification	3.0
HORT2265	Irrigation & Water Management	6.0
HORT2292	Landscape Maintenance & Construction	3.0
		54.0 hours

Horticulture Focus:

Horticulture Required Classes:		
AGRI2291	Agribusiness Sales	4.5
AGRI2901	Agribusiness Cooperative Experience	10.0
HORT1136	Plant Propagation	3.0
HORT1154	Greenhouse Management	3.0
HORT1155	Landscape Design	3.0
HORT1239	Arboriculture	3.0
HORT2286	Advanced Landscape Design	3.0
		29.5 hours

General Electives	22.5
Horticulture & Turfgrass Management Core	54.0
Horticulture Focus:	29.5
	106.0 hours



Turfgrass Management Required Classes:

AGRI2901	Agribusiness Cooperative Experience	10.0
HORT2290	Advanced Turfgrass Management	4.5
HORT2295	Advanced Golf Course Management or/	8.0
HORT2296	Advanced Sports Turf Management	8.0
HORT2999	Individual Special Project	1.0
		23.5 hours

Select 6 hours from the following recommended courses:

HORT1136	Plant Propagation	3.0
HORT1154	Greenhouse Management	3.0
HORT1155	Landscape Design	3.0
HORT1239	Arboriculture	3.0
	Recommended:	6.0

General Electives	22.5
Turfgrass Management Focus	23.5
Horticulture & Turfgrass Management Core	54.0
	106.0 hours



Estimated Expenses

Nebraska Resident tuition/fee rate is \$69.50 per credit hour. Out-of-state tuition/fee rate is \$83.50 per credit hour. Graduation fee is \$25.

Housing is available at Beatrice and Milford campuses only. Tuition, books and fees are dependent upon classes taken each quarter.

Students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

QUARTERS 1-6

Tuition And Fees	\$1,112
Books and Other Costs	350
Total	\$1,462

SEVENTH QUARTER

Tuition And Fees	\$695
Books	350
Total	\$1,045
Total Estimate	\$9,817