



# HORTICULTURE & TURFGRASS MANAGEMENT

Associate of Applied Science Degree

BEATRICE CAMPUS

[www.southeast.edu/HortandTurf](http://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 golf courses and athletic fields.*

*New Program of Study – Pending Nebraska Postsecondary Coordination Committee approval.*

## Credit Hours Required for Graduation:

- Golf and Sports Turf Management Focus 121.5
- Horticulture Focus 121.5

## 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

## Program Overview

**Horticulture:** Pursuing a career in horticulture can take you down many different career paths. Students graduating from our program will have the knowledge and skills to succeed in many different careers, including: landscape construction and design, greenhouse manager, nursery manager, and many more.

**Turfgrass Management:** The turfgrass industry as a whole has a broad focus including home lawns, athletic fields, sports complexes, golf courses, and many others. Students completing our program have the opportunity to compete for jobs at over 700,000 athletic field facilities and over 15,000 golf courses in the United States alone. There is a very high demand for technically trained students to manage and maintain turfgrass areas on golf courses and athletic fields.



## 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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## Golf and Sports Turf Management and Horticulture Core Courses:

|          |                                       |          |
|----------|---------------------------------------|----------|
| AGRI1123 | Agribusiness Careers                  | 4.5      |
| AGRI1153 | Soils & Plant Nutrition               | 6.0      |
| AGRI1171 | Ag Technology                         | 3.0      |
| AGRI2204 | Agribusiness Seminar I                | 4.5      |
| AGRI2291 | Ag Business Sales                     | 4.5      |
| AGRI2220 | Ag Chemical and Equipment Application | 4.5      |
| AGRI2901 | Agribusiness Cooperative Experience   | 12.0     |
| HORT1131 | Plant Science                         | 6.0      |
| HORT1135 | Basic Fertilizer Management           | 3.0      |
|          |                                       | 48 hours |

### 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 five areas below; no two classes from the same area). |            |
| Mathematics, Science, Social Science, Humanities, and/or Computer Technology       | 13.5       |
|  | 22.5 hours |

### Golf & Sports Turf Management Focus Core Classes:

|          |  |          |
|----------|--|----------|
| HORT1215 | Basic Horticulture Equipment Maintenance | 6.0      |
| HORT1216 | Horticulture Business Management         | 4.5      |
| HORT1242 | Turfgrass Management & Equipment         | 4.5      |
| HORT2219 | Pesticide Certification                  | 3.0      |
| HORT2265 | Irrigation & Water Management            | 6.0      |
| HORT2288 | Golf Course & Sports Management          | 6.0      |
| HORT2295 | Adv. Golf Course Management              | 8.0 or   |
| HORT2296 | Adv. Sports Turf Management              | 8.0      |
|          |  | 38 hours |

Select 13 hours from the following:

|          |                                       |     |
|----------|---------------------------------------|-----|
| AGRI1219 | Motorized Agriculture Equipment       | 2.0 |
| AGRI1378 | Electrical and Hydraulic Fundamentals | 4.5 |
| AGRI2279 | Precision Technology                  | 4.5 |
| HORT1133 | Herbaceous Landscape Plant ID         | 3.0 |
| HORT1134 | Woody Landscape Plant ID              | 3.0 |
| HORT1136 | Plant Propagation                     | 3.0 |
| HORT1154 | Greenhouse Management                 | 3.0 |
| HORT1155 | Basic Landscape Design                | 4.5 |
| HORT1190 | Management of Turfgrass Pests         | 4.5 |
| HORT1239 | Arboriculture                         | 3.0 |
| HORT2292 | Landscape Maintenance                 | 3.0 |
| HORT2286 | Advanced Landscaping                  | 4.5 |

13.0 hours

Golf and Sports Turf Management Focus 99.0

General Electives 22.5

121.5 hours



### Horticulture Focus Core Classes:

|          |                                  |            |
|----------|----------------------------------|------------|
| HORT1133 | Herbaceous Landscape Plant ID    | 3.0        |
| HORT1134 | Woody Landscape Plant ID         | 3.0        |
| HORT1216 | Horticulture Business Management | 4.5        |
| HORT2219 | Pesticide Certification          | 3.0        |
| HORT2265 | Irrigation & Water Management    | 6.0        |
| HORT2292 | Landscape Maintenance            | 3.0        |
|          |                                  | 22.5 hours |

Select 18 hours from the following:

|          |  |            |
|----------|--|------------|
| AGRI1116 | Electric & Gas Welding                   | 2.0        |
| AGRI1211 | Fundamentals of Ag Marketing             | 4.5        |
| AGRI1219 | Motorized Ag Equipment                   | 3.0        |
| HORT1136 | Plant Propagation                        | 3.0        |
| HORT1154 | Greenhouse Management                    | 3.0        |
| HORT1155 | Basic Landscaping                        | 4.5        |
| HORT1215 | Basic Horticulture Equipment Maintenance | 3.0        |
| HORT1242 | Turfgrass Management                     | 4.5        |
| HORT1245 | Landscape Construction                   | 3.0        |
|          |  | 18.0 hours |

Select 10.5 hours from the following:

|          |                                   |     |
|----------|-----------------------------------|-----|
| AGRI2279 | Precision Technology              | 4.5 |
| HORT1130 | Introduction to Horticulture      | 4.5 |
| HORT1190 | Management of Turfgrass Pests     | 4.5 |
| HORT1239 | Arboriculture                     | 3.0 |
| HORT2286 | Advanced Landscaping              | 4.5 |
| HORT2288 | Golf Course and Sports Management | 6.0 |

10.5 hours

Horticulture Focus: 99.0

General Electives 22.5

121.5 hours



### Estimated Expenses

To determine overall costs, students should plan a budget that includes the above expenses as well as room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

Nebraska Resident tuition rate is \$65.50 per credit hour. Out-of-state tuition rate is \$79.50 per credit hour. Student fee is \$2 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.

#### QUARTERS 1-6

|                       |                |
|-----------------------|----------------|
| Tuition And Fees      | \$1,215        |
| Books and Other Costs | 350            |
| <b>Total</b>          | <b>\$1,565</b> |

#### SEVENTH QUARTER

|                       |                |
|-----------------------|----------------|
| Tuition And Fees      | \$810          |
| Books                 | 350            |
| <b>Total</b>          | <b>\$1,160</b> |
| <b>Total Estimate</b> | <b>\$1,652</b> |