

# HORTICULTURE: TURF MANAGEMENT, BSAG

**Requirements for Students Matriculating in or before Academic Year 2023-2024.** Learn more about University Academic Regulation 3.1 (<http://catalog.okstate.edu/university-academic-regulations/#matriculation>).

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

| Code  | Title   | Hours     |
|---|---|-----------|
| <b>General Education Requirements</b>   |   |           |
| <i>English Composition</i>  |   |           |
| See Academic Regulation 3.5 ( <a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition/">http://catalog.okstate.edu/university-academic-regulations/#english-composition/</a> ) |   |           |
| ENGL 1113   | Composition I   | 3         |
| or ENGL 1313  | Critical Analysis and Writing I                       |           |
| ENGL 1213   | Composition II  | 3         |
| <i>American History &amp; Government</i>  |   |           |
| Select one of the following:  |   | 3         |
| HIST 1103   | Survey of American History                            |           |
| HIST 1483   | American History to 1865 (H)                          |           |
| HIST 1493   | American History Since 1865 (DH)                      |           |
| POLS 1113   | American Government                                   | 3         |
| <i>Analytical &amp; Quantitative Thought (A)</i>  |   |           |
| MATH 1483   | Mathematical Functions and Their Uses (A)             | 3         |
| or MATH 1513  | College Algebra (A)                                   |           |
| <i>Humanities (H)</i>   |   |           |
| Courses designated (H)  |   | 6         |
| <i>Natural Sciences (N)</i>   |   |           |
| Must include one Laboratory Science (L) course  |   |           |
| Select from one of the following:   |   | 4         |
| BIOL 1114   | Introductory Biology (LN) <sup>1</sup>                |           |
| BIOL 1113   | Introductory Biology (N)                              |           |
| & BIOL 1111   | and Introductory Biology Laboratory (LN) <sup>1</sup> |           |
| PBIO 1404   | Plant Biology (LN)                                    |           |
| HORT 1013   | Principles of Horticultural Science (LN)              | 3         |
| <i>Social &amp; Behavioral Sciences (S)</i>   |   |           |
| Course designated (S)   |   |           |
| AGEC 1113   | Introduction to Agricultural Economics (S)            | 3         |
| <i>Additional General Education</i>   |   |           |
| Courses designated (A), (H), (N), or (S)  |   | 9         |
| <b>Hours Subtotal</b>   |   | <b>40</b> |
| <b>Diversity (D) &amp; International Dimension (I)</b>  |   |           |
| May be completed in any part of the degree plan   |   |           |
| Select at least one Diversity (D) course  |   |           |
| Select at least one International Dimension (I) course  |   |           |
| <b>College/Departmental Requirements</b>  |   |           |
| AG 1011   | First Year Seminar                                    | 1         |
| CHEM 1215   | Chemical Principles I (LN)                            | 5         |
| SOIL 2124   | Fundamentals of Soil Science (N) <sup>2</sup>         | 4         |
| Select one of the following:  |   | 3         |

|   |   |            |
|---|---|------------|
| AGCM 3103   | Written Communications in Agricultural Sciences and Natural Resources             |            |
| BCOM 3113   | Written Communication   |            |
| ENGL 3323   | Technical Writing <sup>3</sup>  |            |
| Select one of the following:                                |   | 3          |
| AGCM 3203   | Oral Communications in Agricultural Sciences & Natural Resources (S) <sup>2</sup> |            |
| SPCH 2713   | Introduction to Speech Communication (S) <sup>2</sup>                             |            |
| SPCH 3733   | Elements of Persuasion (S) <sup>2</sup>   |            |
| ENTO 2993   | Introduction to Entomology (LN)   | 3          |
| HORT 2010   | Internship in Horticulture or Landscape Management                                | 1          |
| HORT 2513   | Herbaceous Plant Materials  | 3          |
| or HORT 2613  | Woody Plant Materials   |            |
| HORT 3153   | Turf Management   | 3          |
| or HORT 3833  | Hydroponics and Soilless Crop Production  |            |
| HORT 3084   | Plant Propagation   | 4          |
| HORT 3513   | Landscape Irrigation  | 3          |
| PLP 3343  | Principles of Plant Pathology   | 3          |
| <b>Hours Subtotal</b>                                       |   | <b>36</b>  |
| <b>Major Requirements</b>                                   |   |            |
| ACCT 2003   | Survey of Accounting  | 3          |
| or ACCT 2103  | Financial Accounting  |            |
| ENPP 3663   | Turfgrass Integrated Pest Management  | 3          |
| HORT 4453   | Turfgrass Physiology and Ecology  | 3          |
| HORT 4493   | Athletic Field Management   | 3          |
| HORT 4773   | Applied Landscape Planning  | 3          |
| or HORT 3613  | Bidding and Estimating  |            |
| MGMT 3013   | Fundamentals of Management (S)  | 3          |
| PLNT 4013   | Principles of Weed Science  | 3          |
| SOIL 4234   | Soil Nutrient Management  | 4          |
| Select 4 hours from Ferguson College of Agriculture or MGMT |   | 4          |
| Select one area of emphasis (p. 1)                          |   | 15         |
| <b>Hours Subtotal</b>                                       |   | <b>44</b>  |
| <i>Electives</i>  |   |            |
| Select 0 or hours to complete required total for degree     |   | 0          |
| <b>Hours Subtotal</b>                                       |   | <b>0</b>   |
| <b>Total Hours</b>  |   | <b>120</b> |

<sup>1</sup>

College & Departmental requirements that may be used to meet General Education requirements.

<sup>2</sup>

If used as (S) course above, hours in this block are reduced by three.

<sup>3</sup>

If ENGL 3323 Technical Writing is substituted for ENGL 1213 Composition II above, then hours in this block are reduced by three.

## Emphases

| Code                   | Title | Hours |
|------------------------|-------|-------|
| <b>Soils Emphasis:</b> |       |       |
| Select 3 hours from:   |       | 3     |

|   |  |   |
|---|--|---|
| SOIL 3433   | Soil Genesis, Morphology, and Classification |   |
| SOIL 4483   | Soil Microbiology                            |   |
| SOIL 4683   | Soil, Water, and Weather                     |   |
| SOIL 4893   | Environmental Soil Chemistry                 |   |
| Select 6 hours from:  |  | 6 |
| SOIL 4213   | Precision Agriculture                        |   |
| SOIL 4363   | Environmental Soil Science                   |   |
| SOIL 4463   | Soil and Water Conservation                  |   |
| Select 6 hours from Ferguson College of Agriculture, PBIO or MGMT |  | 6 |

| Code                        | Title                               | Hours |
|-----------------------------|-------------------------------------|-------|
| <b>Management Emphasis:</b> |                                     |       |
| MGMT 3011                   | Business, Government and Society    | 1     |
| MGMT 3123                   | Managing Behavior and Organizations | 3     |
| MGMT 3313                   | Human Resource Management           | 3     |
| MGMT 4073                   | Management and Ethical Leadership   | 3     |
| MGMT 3 hours upper-division |                                     | 3     |
| Select 2 hours from HORT    |                                     | 2     |

## Other Requirements

- A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
- A 2.00 GPA or higher in upper-division hours.
- A 2.25 GPA or higher is required in courses listed in the Major Requirements column above.

## Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2029.