HORTICULTURE: TURF MANAGEMENT, BSAG

Requirements for Students Matriculating in or before Academic Year 2017-2018. 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
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<tr>
<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
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Select one of the following:

- ENGL 1213 Composition II
- ENGL 1413 Critical Analysis and Writing II
- ENGL 3323 Technical Writing

American History & Government

Select one of the following:

- HIST 1103 Survey of American History
- HIST 1483 American History to 1865
- HIST 1493 American History Since 1865
- POLS 1113 American Government

Analytical & Quantitative Thought (A)

Select one of the following:

- MATH 1583 Applied Geometry and Trigonometry (A)  
- MATH 1613 Trigonometry (A)  
- 3 hours STAT designated (A)

Humanities (H)

Courses designated (H)  

Natural Sciences (N)

Must include one Laboratory Science (L) course

- BIOL 1114 Introductory Biology (LN)  
- BOT 1404 Plant Biology (LN)  
- CHEM 1314 General Chemistry (LN)  
- or CHEM 1215 General Chemistry (LN)

Social & Behavioral Sciences (S)

Course designated (S)  

Additional General Education

Courses designated (A), (H), (N), or (S)  

Hours Subtotal  

Diversity (D) & International Dimension (I)

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

College/Departmental Requirements

Agricultural Sciences and Natural Resources

AG 1011 First Year Seminar  

AGEC 1113 Introduction to Agricultural Economics (S)  

or ECON 2103 Introduction to Microeconomics (S)  

HORT 1013 Principles of Horticultural Science (LN)  

SOIL 2124 Fundamentals of Soil Science (N)  

Written and Oral Communications

BCOM 3113 Written Communication  

or ENGL 3323 Technical Writing

Select one of the following:

- AGCM 3203 Oral Communications in Agricultural Sciences & Natural Resources (S)  
- SPCH 2713 Introduction to Speech Communication (S)  
- SPCH 3733 Elements of Persuasion (S)

Hours Subtotal  

Major Requirements

Core Courses

- CHEM 1225 General Chemistry (LN)  
- or CHEM 1515 General Chemistry (LN)  
- ENTO 2993 Introduction to Entomology (LN)  
- HORT 2010 Internship in Horticulture or Landscape Management (3 hours)  
- HORT 2613 Woody Plant Materials  
- HORT 3153 Turf Management  
- HORT 3513 Landscape Irrigation  
- HORT 4453 Turfgrass Physiology and Ecology  
- HORT 4773 Applied Landscape Planning  
- MCAG 3211 Engines and Power  
- PLNT 4013 Principles of Weed Science  
- PLP 3343 Principles of Plant Pathology  
- PLP 3663 Turfgrass Integrated Pest Management  
- SOIL 4234 Soil Nutrient Management  
- SPAN 3 credits  
- 3 hours of Organic Chemistry  

Related Courses

Select 9 hours of the following:  

- ACCT 2103 Financial Accounting  
- AGEC upper-division  
- MSIS 2103 Business Computer Concepts and Applications (or CS (3 hours))  
- BCOM 3223 Oral Communication  
- BCOM 3333 Advanced Business Communication  
- EEE 3023 Introduction to Entrepreneurial Thinking and Behavior  
- HORT 3253 Personnel and Financial Management for Horticulture  
- LSB 3213 Legal and Regulatory Environment of Business  
- or AGEC 3713 Agricultural Law  
- MGMT 3013 Fundamentals of Management (S)  
- MKTG 3213 Marketing (S)

Select 6 hours of the following:  

- AGEC 3503 Natural Resource Economics  
- BOT 3233 Plant Anatomy
Botany 3463  Plant Physiology
GEOG 3023  Climatology (N)
GEOG 3033  Meteorology (N)
GEOG 4343  Geographic Information Systems: Resource Management Applications
HORT 3013  Arboriculture
HORT 3113  Greenhouse Management
HORT 3612  Bidding and Estimating
HORT 4133  Temperature Stress Physiology
HORT 4493  Athletic Field Management
HORT 4953  Plant Growth and Development
HORT 4963  Horticulture Physiology
HORT 4973  Sustainable Landscape Management
PLNT 3554  Plant Genetics and Biotechnology
PLNT 4113  Advanced Weed Science
PLNT 4123  Plant-Environment Interactions
SOIL 3433  Soil Genesis, Morphology, and Classification
SOIL 4213  Precision Agriculture
SOIL 4363  Environmental Soil Science
SOIL 4463  Soil and Water Conservation
SOIL 4893  Soil Chemistry and Environmental Quality

| Hours Subtotal | 61 |

Electives
Select 0 hours or hours to complete required total for degree 0

Total Hours 120

1. College & Departmental requirements that may be used to meet GE requirements.
2. If used as (S) course above, hours in this block are reduced by three.
3. If ENGL 3323 Technical Writing is substituted for ENGL 1213 Composition II above, then hours in this block are reduced by three.
4. CHEM 3013 The Chemistry of Organic Compounds or BIOC 2344 Chemistry and Applications of Biomolecules recommended.
5. 6 hours must be upper-division.
6. Must be upper-division.

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.