

# Turf Science and Management

https://ag.purdue.edu/oap/Pages/major.aspx

120 credits required for graduation

Credits	Course number	Course Title
<b>Departmental/Program Major Courses (114-115 credits)</b>		
<b>Required Major Courses (18 credits)</b>		
_____ 3	HORT 10100	Fundamentals of Horticulture
_____ 1	HORT 11100	Survey of Turfgrass Culture
_____ 3	HORT 21000	Fundamentals of Turfgrass Management
_____ 1	HORT 21100	Fundamentals of Turfgrass Laboratory
_____ 4	HORT 30100	Plant Physiology
_____ 3	HORT 51000	Turf Science
_____ 3	HORT 51200	Integrated Turfgrass Systems
<b>Other Departmental /Program Course Requirements (96 credits) (See Advising Resources)</b>		
_____ 3	MGMT 20010	Introductory Accounting for non-management majors
_____ 0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University
_____ 0.5	AGR 12000	Introduction to Horticulture and Landscape Architecture Academic Programs
_____ 3	AGRY 25500	Soil Science
_____ 3	AGRY 36500	Soil Fertility
_____ 4	BTNY 11000	Introduction to Plant Science
_____ 3	BTNY 30100	Introductory Plant Pathology
_____ 3	BTNY 30400	Weed Science
_____ 3	BTNY 44300 or	Arthropods and Diseases of Turfgrass or Integrated Plant Health Management for
_____ 3	ENTM 44600	Ornamental Plants
_____ 3	CHM 11100	General Chemistry (satisfies Science #1 for core)
_____ 3	CHM 11200	General Chemistry (satisfies Science #2 for core)
_____ 4	CHM 25700	Organic Chemistry
_____ 2	ENTM 20600	General Entomology
_____ 1	ENTM 20700	General Entomology Laboratory
_____ 3	MA 15910 or MA	Introduction to Calculus or Applied Calculus I (satisfies Quantitative Reasoning Selective
_____ 3	16010	for core)
_____ 3	STAT 30100	Elementary Statistical Methods (satisfies Information Literacy for core)
_____ 3	-----	Physics Selective
_____ 1	-----	Plant Advanced Phys/Nutrition Selective
_____ 12	-----	Business/Management Selectives
_____ 10	-----	Turf Science Selectives
_____ 3	-----	<u>Economics Selective (satisfies Human Culture Behavioral/Social Science for core)</u>
_____ 3	-----	<u>UCC Humanities Selective (satisfies Human Cultures Humanities for core)</u>
_____ 3	-----	<u>UCC STS Selective (satisfies Science, Technology &amp; Society Selective for core)</u>
_____ 3	-----	<u>Humanities or Social Science Selective</u>
_____ 3	-----	<u>Humanities or Social Science Selective</u>
_____ 3	-----	<u>Humanities or Social Science Selective (30000+ level)</u>
_____ 4	ENGL 10600	First-Year Composition (satisfies Written Communication for core)
_____ 3	COM 11400 or	Fundamentals of Speech Communication or Science Writing and Presentation (satisfies
_____ 3	COM 21700	Oral Communication for core)
_____ 3	-----	<u>Written or Oral Communications Selective</u>
<b>Electives (6 credits)</b>		
_____ 6	-----	Elective

**University Core Requirements:**

Human Cultures Humanities:	_____	Science, Technology, and Society:	_____
Human Cultures Behavioral/Social Science:	_____	Written Communication:	_____
Information Literacy:	_____	Oral Communication:	_____
Science #1:	_____	Quantitative Reasoning:	_____
Science #2:	_____		

120 semester credits required for Bachelor of Science degree.  
2.0 GPA required for Bachelor of Science degree.

**College of Agriculture & University Level Requirements:**

2.0 GPA required for Bachelor of Science degree.

32 Upper division credits taken from Purdue

9 credits International Understanding: \_\_\_\_\_

3 credits Multicultural Awareness: \_\_\_\_\_

9 credits of Hum and/or Social Sciences outside the College of Agriculture: \_\_\_\_\_

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Credits	Course number	Course Title	Prerequisites	Credits	Course number	Course Title	Prerequisites
<b>Fall 1st Year</b>				<b>Spring 1st Year</b>			
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University		3	CHM 11200	General Chemistry	BIOL 11000
0.5	AGR 12000	Introduction to Horticulture Academic Programs		3	COM 11400 or COM 21700	Fundamentals of Speech or Science Writing and Presentation	CHM 11100
1	HORT 11100	Survey of Turfgrass Culture		3	HORT 10100	Fundamentals of Horticulture	
4	BTNY 11000	Introduction to Plant Science		3	-----	Economics Selective	
3	CHM 11100	General Chemistry		3	-----	Humanities or Social Science Selective	
4	ENGL 10600	First-Year Composition					
3	MA 15910 or MA 16010	Introduction to Calculus or Applied Calculus I	ALEKS 60+ or ALEKS 75+				
<b>16</b>				<b>16</b>			

<b>Fall 2nd Year</b>				<b>Spring 2nd Year</b>			
3	MGMT 20010	Introductory Accounting for non-management majors		3	AGRY 36500	Soil Fertility	AGRY 25500
3	AGRY 25500	Introductory Soils	CHM 11200	2	ENTM 20600	General Entomology	
4	CHM 25700	Organic Chemistry	CHM 11200	1	ENTM 20700	General Entomology Laboratory	pre/co: ENTM 20600
3	STAT 30100	Elementary Statistical Methods		3	HORT 21000	Fundamental of Turfgrass Managements	
3	-----	Written or Oral Communication Selective		1	HORT 21100	Fundamental of Turfgrass Laboratory	
				3	-----	Business/Management Selective	
				3	-----	Humanities or Social Science Selective	
<b>16</b>				<b>16</b>			

<b>Fall 3rd Year</b>				<b>Spring 3rd Year</b>			
3	BTNY 30100	Introductory Plant Pathology	BTNY 11000	3	BTNY 44300 or ENTM 44600	Anthropods and Diseases of Turfgrass or Integrated Plant Health Management for Ornamental Plants	
3	BTNY 30400	Weed Science		3	-----	Business/Management Selective	
4	HORT 30100	Plant Physiology	BTNY 11000 and CHM 25700	3	-----	Physics Selective	
3	HORT 51000	Turf Science	AGRY 21000	3	-----	Turf Management Selective	
3	-----	Business/Management Selective		3	-----	UCC Humanities Selective	
<b>16</b>				<b>15</b>			

<b>Fall 4th Year</b>				<b>Spring 4th Year</b>			
3	HORT 51200	Integrated Turfgrass Systems	BTNY 44300	3	-----	Turf Management Selective	
1	-----	Advanced Phys/Nutrition Selective		3	-----	Turf Management Selective	
3	-----	Business/Management Selective		1	-----	Turf Management Selective	
3	-----	Humanities or Social Sciences Selective (30000+ level)		3	-----	UCC Science, Technology, & Society Selective	
3	-----	Elective		3	-----	Electives	
<b>13</b>				<b>13</b>			

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The highlighted course is considered critical; timely progress toward the degree depends upon steady progress through each course in the plan of study, but this course, in particular, should be completed by the semester indicated.

**Consultation with an advisor may result in an altered plan customized for an individual student.**

Official and complete prerequisite lists are in the course catalog; the incomplete listing presented here regards this program and course sequencing.