

Turf Science and Management

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

120 credits required for graduation

Credits	Course number	Course Title
Departmental/Program Major Courses (114-115 credits)		
Required Major Courses (22 credits)		
_____ 1	AGRY 11000	Survey of Turfgrass Culture
_____ 3	AGRY 21000	Fundamentals of Turfgrass Management
_____ 1	AGRY 21100	Fundamentals of Turfgrass Laboratory
_____ 3	AGRY 25500	Soil Science
_____ 3	AGRY 36500	Soil Fertility
_____ 1	AGRY 39800	Agronomy Seminar
_____ 1	AGRY 49800	Agronomy Senior Seminar
_____ 3	AGRY 51000	Turf Science
_____ 3	AGRY 51200	Integrated Turfgrass Systems
_____ 3	AGRY 52500	Crop Physiology
<u>Major Selectives (6 credits) (See Advising Resources)</u>		
_____ 3	-----	TURF Selective
_____ 3	-----	TURF Selective
<u>Other Departmental /Program Course Requirements (86-87 credits) (See Advising Resources)</u>		
_____	AGEC 31100 or	Accounting for Farm Business Planning or Introductory Accounting for non-
_____ 3	MGMT 20010	management majors
_____ 3	AGEC 33000	Management Methods for Agricultural Business
_____ 3	AGEC 33100	Principles of Selling in Agricultural Business
_____ 0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University
_____ 0.5	AGR 11300	Introduction to Agronomy Academic Programs
_____ 4	BIOL 11000	Fundamentals of Biology I
_____	BIOL 11100 or	
_____ 4	BTNY 11000	Fundamentals of Biology II or Introduction to Plant Science
_____ 3	BTNY 30100	Introductory Plant Pathology
_____ 3	BTNY 44300	Arthropods and Diseases of Turfgrass
_____ 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
_____	MA 15910 or MA	Introduction to Calculus or Applied Calculus I (satisfies Quantitative Reasoning
_____ 3	16010	Selective for core)
_____	PHYS 21400 or	
_____ 3-4	PHYS 22200	The Nature of Physics or General Physics
_____ 3	STAT 30100	Elementary Statistical Methods (satisfies Information Literacy for core)
_____ 3	-----	Marketing Selective
_____ 9	-----	Additional Business/Management Selective
_____ 3	-----	Economics Selective (satisfies Human Culture Behavioral/Social Science for core)
_____ 3	-----	UCC Humanities Selective (satisfies Human Cultures Humanities for core)
_____ 3	-----	UCC STS Selective (satisfies Science, Technology & Society Selective for core)
_____ 3	-----	Humanities or Social Science Selective
_____ 3	-----	Humanities or Social Science Selective
_____ 3	-----	Humanities or Social Science Selective (30000+ level)
_____ 4	ENGL 10600	First-Year Composition (satisfies Written Communication for core)
_____	COM 11400 or	Fundamentals of Speech Communication or Science Writing and Presentation
_____ 3	COM 21700	(satisfies Oral Communication for core)
_____ 3	-----	Written or Oral Communications Selective
Electives (5-6 credits)		
_____ 5-6	-----	Elective

University Core Requirements:

Human Cultures Humanities: _____

Human Cultures Behavioral/Social Science: _____

Information Literacy: _____

Science #1: _____

Science #2: _____

Science, Technology, and Society: _____

Written Communication: _____

Oral Communication: _____

Quantitative Reasoning: _____

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
Fall 1st Year				Spring 1st Year			
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University		4	BIOL 11100 or BTNY 11000	Fundamentals of Biology II or Introduction to Plant Science	BIOL 11000
0.5	AGR 11300	Introduction to Agronomy Academic Programs		3	CHM 11200	General Chemistry	CHM 11100
1	AGRY 11000	Survey of Turfgrass Culture		3	COM 11400 or COM 21700	Fundamentals of Speech or Science Writing and Presentation	
4	BIOL 11000	Fundamentals of Biology I		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+				
16				16			

Fall 2nd Year				Spring 2nd Year			
3	AGEC 31100 or MGMT 20010	Accounting for Farm Business Planning or Introductory Accounting for non-management majors		3	AGRY 21000	Fundamentals of Turfgrass Management	
3	AGRY 25500	Introductory Soils	CHM 11200	1	AGRY 21100	Fundamentals of Turfgrass Laboratory	
1	AGRY 39800	Agronomy Seminar		3	AGRY 36500	Soil Fertility	AGRY 25500
2	ENTM 20600	General Entomology		3	STAT 30100	Elementary Statistical Methods	
1	ENTM 20700	General Entomology Laboratory	pre/co: ENTM 20600	3	AGEC 33000	Management Methods for Agricultural Business	
3	-----	Turf Selective		3	-----	Turf Selective	
3	-----	Written or Oral Communication Selective					
16				16			

Fall 3rd Year				Spring 3rd Year			
3	AGRY 51000	Turf Science	AGRY 21000	3	BTNY 44300	Arthropods and Diseases of Turfgrass	BTNY 30100
3	BTNY 30100	Introductory Plant Pathology	BTNY 11000	3 or 4*	PHYS 21400 or PHYS 22200	The Nature of Physics or General Physics	
4	CHM 25700	Organic Chemistry	CHM 11200	3	-----	Additional Business/Management Selective	
3	AGEC 33100	Principles of Selling in Agricultural Business		3	-----	Marketing Selective	
3	-----	Humanities or Social Science Selective (30000+ level)		3	-----	Humanities or Social Science Selective	
16				15			

Fall 4th Year				Spring 4th Year			
1	AGRY 49800	Agronomy Senior Seminar		3	AGRY 52500	Crop Physiology	
3	AGRY 51200	Integrated Turfgrass Systems	BTNY 44300	3	-----	Additional Business/Management Selective	
3	-----	Additional Business/Management Selective		6*	-----	Electives	
3	-----	UCC Humanities Selective					
3	-----	UCC Science, Technology, and Society Selective					
13				12			

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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.