

# Sports and Urban Turfgrass Management

## Sports and Urban Turfgrass Management Major

The Sports and Urban Turfgrass Management program focuses on the science and technology for the management of quality turf in such areas as golf courses, sports facilities, parks, and home lawns. A graduate should be competent in grass physiology, soil science, proper irrigation practices, pest control, budgeting of resources, and personnel management. Graduates may work in the turf industry, which encompasses not only turf managers, but also the production of seed, sod or other turfgrass materials, manufacturing and marketing of products for turf management, business management, manpower development, consulting, and other services.

Students have the opportunity to minor in other programs of interest.

**Turf Club:** The goals of the Turf Club are to provide students with opportunities to share information, connect with the turf industry, gain real world experience, and broaden their knowledge. The club organizes field trips, topic discussions, and presentations by guest speakers. Other activities include attending regional and national turf conferences, community service, and fundraising.

## Major Requirements

### Major: Sports & Urban Turfgrass Management

**Degree Type:** B.S.

**Required Degree Credits to Graduate:** 128

### General Education Requirements

#### First Year Experience (F):

AGRI 189	Skills for Academic Success (Students transferring in 24 or more credits do not need to take AGRI 189.)	1
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#### Communication (C):

ENGL 110	College Composition I	3
ENGL 120	College Composition II	3
One Course in Upper level Writing: Select one of the following:		3
ENGL 320	Business and Professional Writing	
ENGL 321	Writing in the Technical Professions	
ENGL 324	Writing in the Sciences	
COMM 110	Fundamentals of Public Speaking	3

#### Quantitative Reasoning (R):

STAT 330	Introductory Statistics	3
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#### Science & Technology (S):

This area will be satisfied with courses prescribed by the major.		10
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<b>Humanities &amp; Fine Arts (A): Select from current general education list</b>		6
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#### Social & Behavioral Sciences (B)

ECON 201	Principles of Microeconomics	3
or ECON 202	Principles of Macroeconomics	
Select from current general education courses		3

<b>Wellness (W): Select from current general education list</b>		2
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<b>Cultural Diversity (D): Select from current general education list</b>		
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#### Global Perspectives (G):

ECON 201	Principles of Microeconomics	3
or ECON 202	Principles of Macroeconomics	

<b>Total Credits</b>		<b>40</b>
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## Major Requirements

<b>General Education Requirements</b>		40
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<b>Required Courses for Sports &amp; Urban Turf Mgmt</b>		
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PLSC 210	Horticulture Science	3
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PLSC 211	Horticulture Science Lab	1
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PLSC 315 & 315L	Genetics and Genetics Laboratory	4
PLSC 323	Principles of Weed Science	3
PLSC 341	Landscape Bidding, Contracting and Operations	2
PLSC 375 & 375L	Turfgrass Management and Turfgrass Management Laboratory	4
PLSC 381	Sports Turf Operations	3
PLSC 457	Horticulture and Turfgrass Systems	3
PLSC 468	Landscape Irrigation Design	2
PLSC 469	Landscape Irrigation Installation and Management	2
PLSC 491	Seminar	1
PLSC 496	Field Experience	2

**Supporting Courses**

ACCT 102	Fundamentals of Accounting	3
AGEC 242 or AGEC 244	Introduction to Agricultural Management Agricultural Marketing	3
AGRI 150	Agriculture Orientation (Students transferring in 24 or more credits do not need to take AGRI 150.)	1
BIOL 150 & 150L	General Biology I and General Biology I Laboratory	4
BOT 380	Plant Physiology	3
CHEM 121 & 121L	General Chemistry I and General Chemistry I Laboratory	4
ENT 350	General Entomology	3
MATH 103	College Algebra (or higher level)	3
PPTH 324	Introductory Plant Pathology	3
PPTH 457	Landscape Plant Pathology	3
SOIL 210	Introduction to Soil Science	3
SOIL 322	Soil Fertility and Fertilizers	3
Plant Science Electives: Select 5 credits from the following:		5
PLSC 215	Weed Identification	
PLSC 219	Introduction to Prairie & Community Forestry	
PLSC 296	Field Experience	
PLSC 355	Woody Landscape Plants	
PLSC 365	Herbaceous Landscape Plants	
PLSC 368	Plant Propagation	
PLSC 480	Advanced Turfgrass Topics	
PLSC 485	Arboriculture Science	
PLSC 486	Applied Crop Physiology	

**Degree Electives: Potential of 27 credits to reach 128.** 27

**Total Credits** 128

**Degree Requirements and Notes**

- Suggested minors to supplement this major are Business Administration or Landscape Architecture.
- The following courses are suggested as options should additional coursework be necessary to achieve the minimum 128 credits required for degree completion: ADHM 140 Introduction to the Hospitality Industry, ADHM 141 Tourism and Travel Management, ADHM 151 Design Fundamentals, ASM 373 Tractors & Power Units, ASM 374 Power Units Laboratory, CE 212 Civil Engineering Graphic Communications, HNES 112 Activity II, PHYS 211 College Physics I & PHYS 211L College Physics I Laboratory, PHYS 212 College Physics II & PHYS 212L College Physics II Laboratory, PLSC 150 Introduction to Horticulture Therapy, AND SOIL 217 Introduction to Meteorology & Climatology.