

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):

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| 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):

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| 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):

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| STAT 330 | Introductory Statistics | 3 |
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Science & Technology (S): 10

This area will be satisfied with courses prescribed by the major.

Humanities & Fine Arts (A): Select from current general education list 6

Social & Behavioral Sciences (B)

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

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| Select from current general education courses | 3 |
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| Wellness (W): Select from current general education list | 2 |
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| Cultural Diversity (D): Select from current general education list | |
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Global Perspectives (G):

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

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| Total Credits | 40 |
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Major Requirements

| | |
|---------------------------------------|----|
| General Education Requirements | 40 |
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Required Courses for Sports & Urban Turf Mgmt

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| PLSC 210 | Horticulture Science | 3 |
| PLSC 211 | Horticulture Science Lab | 1 |
| 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 | 1 |
| PLSC 491 | Seminar | 1 |
| PLSC 496 | Field Experience | 2 |

Supporting Courses

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| ACCT 102 | Fundamentals of Accounting | 3 |
| AGEC 242 | Introduction to Agricultural Management | 3-4 |
| or AGEC 244 | Agricultural Marketing | |
| 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 | |

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| 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.