TURFGRASS AND LANDSCAPE MANAGEMENT (TLMT)

TLMT 95 Turfgrass and Landscape Management Extended Internship
Description: Participation in a turfgrass or landscape management enterprise (other than in one of those in which the student has had previous experience).
Credit Hours: 0
Max credits per semester: 1
Max credits per degree: 1
Format: FLD

TLMT 127 Survey of Turfgrass and Landscape Management
Crosslisted with: AGRO 127, HORT 127
Description: Introduction to careers, internships and co-curricular activities in turfgrass and landscape management.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LEC

TLMT 215 Genetics
Crosslisted with: AGRO 215, HORT 215
Prerequisites: 3 hrs biological sciences
Description: Discovery of the biology of genes and the application of genetics principles to understand the control and inheritance of traits in families and populations. Focus is on animals and plants that are important in medicine, agriculture and nature. Learning emphasis is problem solving via online, instant feedback assessments, group discussion, experimental data analysis and context-based exams.
Credit Hours: 4
Max credits per semester: 4
Max credits per degree: 4
Format: LEC
Prerequisite for: ASCI 330

TLMT 227 Introductory Turfgrass Management
Crosslisted with: AGRO 227, HORT 227, PGAM 227
Prerequisites: AGRO 131 or HORT 130 or BIOS 109.
Description: Introduction to turfgrasses, their management and use, and to the turfgrass industry.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: AGRO 326, HORT 326, TLMT 326; AGRO 327, HORT 327, TLMT 327

TLMT 228 Introduction to Landscape Management
Crosslisted with: AGRO 228, HORT 228
Prerequisites: AGRO 131 or BIOS 109
Notes: TLMT/AGRO/HORT uses a team approach to problem solving, discussion, assessment planning, and oral presentations of applied case studies.
Description: An overview of landscape management and landscape design. Principles and practices.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: AGRO 326, HORT 326, TLMT 326

TLMT 229 Introductory Turfgrass Management Laboratory
Crosslisted with: AGRO 229, HORT 229
Description: Laboratory covering turfgrass identification and management. Concurrent enrollment with AGRO/HORT/TLMT 227 preferred. Required for Turfgrass Science majors, other students require instructor consent.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LAB

TLMT 295 Turfgrass and Landscape Management Extended Internship
Prerequisites: Sophomore standing; TLMT/AGRO/HORT/PGAM 227 or 228.
Notes: TLMT 295/95 requires advanced permission before registering for the course. A written and oral report is required at the completion of the career experience. Pass/No Pass only.
Description: Participation in a turfgrass or landscape management enterprise (other than in one of those in which the student has had previous experience).
Credit Hours: 1-12
Min credits per semester: 1
Max credits per semester: 12
Max credits per degree: 12
Format: FLD

TLMT 326 Landscape Solutions
Crosslisted with: AGRO 326, HORT 326
Prerequisites: TLMT/AGRO/HORT 227 or 228
Description: Using processes and problem-solving approach to identify and analyze common landscape management situations in commercial, public, and residential landscapes. Integrate design, environment, function, pest and disease, and existing management practices to produce recommendations.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TLMT 327 Turfgrass Science and Management
Crosslisted with: AGRO 327, HORT 327
Prerequisites: AGRO/HORT/SOIL 153; CHEM 105 or 109; and TLMT 227
Description: Scientific principles of turf species adaptation, turf and/or soil relationships, establishment, fertility, mowing, irrigation, and pest control of turf species.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

TLMT 330 Pruning Ornamentals
Crosslisted with: AGRO 330, HORT 330
Description: Why, when and how to prune ornamental landscape plants. Demonstrations and field opportunities on how to choose and how to use pruning tools correctly.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LEC
TLMT 395 Career Experience
Crosslisted with: HORT 395
Prerequisites: Sophomore standing; HORT or AGRO or TLMT major.
Notes: HORT/TLMT 395 requires advanced permission before registering for the course. A written and oral report is required at the completion of the career experience.
Description: Participation in a horticulture enterprise (other than in one of those in which the student has had previous experience).
Credit Hours: 1-5
Min credits per semester: 1
Max credits per semester: 5
Max credits per degree: 5
Format: FLD

TLMT 414 Turfgrass Disease Management
Crosslisted with: AGRO 414, AGRO 814, HORT 414, HORT 814, PLPT 414, PLPT 814
Prerequisites: BIOS/PLPT 369 or one semester of introductory plant pathology.
Description: Pathogens, epidemiology, and control of diseases specific to turfgrass.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LEC

TLMT 427 Turfgrass Systems Management
Crosslisted with: AGRO 427, HORT 427, AGRO 827, HORT 827, TLMT 827
Prerequisites: TLMT 227 and TLMT 327
Description: Critical evaluation of turfgrass settings to create economical and environmentally friendly management systems for professionally managed turf areas.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 10 Integrated Product

TLMT 470 Critical Thinking in Landscape Management
Crosslisted with: AGRO 470, HORT 470
Prerequisites: AGRO/HORT/PGMP/TLMT 326.
Description: Using processes and strategies to identify and compare issues, make recommendations, demonstrate proficiency in field application as skills and techniques, and prepare cost estimates in the development of landscape management plans.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 10 Integrated Product

TLMT 480 Modified Rootzones
Crosslisted with: AGRO 480, HORT 480, TLMT 880, AGRO 880, HORT 880
Description: Modified rootzones and their applications in the turfgrass and landscape management industry. Correct applications and construction techniques. Offered as a five-week course.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LEC