

GOAL 1: To create an exemplary campus outdoor environment that promotes comfort, security, sustainability, and a regional sense of place. and to create a rich and horticulturally diverse visual landscape exemplifying the composition of Central Florida's native environments, as well as the region's horticultural diversity, and historical tradition, and link these to educational opportunities.

OBJECTIVE 1.1: To develop and adopt a Landscape Master Plan for the University of Central Florida campus by 2015.

POLICY 1.1.1: Important landscape elements shall be defined in the Master Plan by developing landscape themes supportive of educational, cultural, and recreational programs designed to enhance the collegiate experience. This landscape will be characterized by:

- creating shaded quads, plazas, and common areas for student interaction and places for gathering and recreation; enhancing vehicular roadways with defining tree plantings and understory and ground cover plantings at strategic locations,.
- planting species that are indigenous to the natural plant communities of Central Florida, where appropriate to the particular situation, and recreating a semblance of the original pine flatwoods, scrub; sandhill and wetland ecosystems historically found in the region.. using low-maintenance, strong-performing horticultural species in various combinations or with native species to create a visually interesting and biologically diverse horticultural landscapes;
- encouraging a vertical growth structure that improves canopy tree resistance to hurricane-force winds, and provides a continuous and contiguous canopy over all pedestrian pathways;
- planting trees to highlight and identify various campus signatures or other landscape treatments, which shall be typically spaced at 25' on center, and never more than 40' on center;
- limiting the use of exotic plants to those that are non-invasive, and that are able to resist periods of drought and require little use of fertilizer and pesticides;
- designating the removal of non-native invasive plants (whether grasses, trees or shrubs) if such exotics are listed as category 1

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invasive species on the on the Florida Exotic Pest Plant Council's list of invasive Exotic species;" Eliminating the use of category 2 invasive species, or limiting their use to more interior areas of campus;

- selecting appropriate turf species based on soil conditions, light availability, and intended use, with major varieties including St. Augustine, Zoysia, Bermuda, and Bahia grass species or cultivars;
- incorporating, to the greatest extent possible, Florida Friendly[®] landscapes and Integrated Pest Management (IPM) principles and practices for landscape design and maintenance.

POLICY 1.1.2: Campus landscape outside of the academic core (campus core) shall be developed with the following criteria:

- plant palette of primarily indigenous plant material selected for durability, beauty, and low maintenance requirements, and to link with and accentuate the natural areas outside the campus core; and
- formal groupings of plants may be used to accentuate or establish unique areas of landscaping outside the academic core.

POLICY 1.1.3: Signature landscape designs for all of the campus entrances, edges and corners, shall be developed to reflect the presence and character of the University of Central Florida, and shall include plants that represent the campus diverse native landscape.

POLICY 1.1.4: Reinforcing and improving circulation hierarchy by developing distinct landscapes for each road type, intersections, and any pedestrian/tram/service loops shall be a priority.

Entrance Roads: Medians shall be landscaped with palms, low profile flowering perennials, shrubs, and ground covers.

Campus Edge: Maintaining a canopy of native trees and other indigenous materials shall be a priority.

Primary Loop Road (Gemini Boulevard): The median shall be landscaped either with mowed turf or with a combination of native, low-profile shrubs and flowering groundcover, and accented with stands of Sabal palms and occasional upright trees.

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Edges Adjacent to Preserve/Natural Areas: Existing native vegetation shall be preserved and enhanced with indigenous plant material. Restoration of appropriate community structure with prescribed burns, mechanical clearing, or chemical control may be necessary to rehabilitate degraded areas.

Academic Core Loop and Connector: The internal connectors shall be lined with closely-spaced (25' on center) groups of live oaks or other selected shade trees. Accent tree plantings set back into turf areas, or highlighting important nodes for pedestrian traffic or gathering may include plantings of Crape Myrtles, Tabebuia species, Peltophorum, palms, Juniper, Clerodendron, Oleander, or other species identified in the Campus Landscape Master Plan.

Secondary roads shall be lined with different street trees species to contrast with Primary Loop Road species.

POLICY 1.1.5: Best practices endorsed by the State of Florida to preserve and enhance existing native vegetation in all areas shall be applied in conservation easements or designated open space. This will include both mechanical treatment and limited use of prescribed fire, and the re-introduction of appropriate trees, shrubs, grasses, and wildflowers.

POLICY 1.1.6: The University shall maintain and protect the existing natural preserves and Arboretum and facilitate appropriate pedestrian access to these areas.

POLICY 1.1.7: Providing tree canopy within islands of no less than 144 square feet in all surface parking lots, and maintaining adequate sight lines for visibility and efficient security lighting shall be a priority.

POLICY 1.1.8: Selecting and locating trees to promote safety and security, enhance the natural environment, provide shade for vehicles and pedestrians, and minimize maintenance requirements shall be a priority.

POLICY 1.1.9: Reinforcing, integrating, and improving existing Memory Mall and other proposed landscape axis, so that pedestrians experience the campus as a defined sequence of unique landscapes shall be a priority. UCF shall define and the shade edges of quads and courtyards with plant materials specified for the appropriate design effect and user requirements. Memory Mall shall be maintained as an open grassy mall, with columnar tree plantings of live oaks along main pedestrian axis on the edges to provide shade along the walkways.

POLICY 1.1.10: Defining appropriate campus districts and incorporating different themed plantings in specific areas to enhance the quality of gathering places and create memorable spaces shall be a priority.

POLICY 1.1.11: Determining the location of future building footprints and adjacencies to indicate and reinforce the open spaces depicted in the Landscape

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Master Plan shall be a priority. Pedestrian connectivity, and the coherent relation of walks to entries between and among buildings, shall be an important discussion at the commencement of all new construction and facilities improvements.

POLICY 1.1.12: Standardized bicycle rack style and placement to achieve simplicity and uniformity shall be a priority. Selection of bicycle racks shall be based on efficiency, ease of use, tamper resistance, maintenance, and accessibility. Bicycle facilities shall be located convenient to academic and housing areas, in secure locations. Landscape treatment shall consist of adjacent canopy trees for shade, and a durable, paved surface under each bicycle rack.

POLICY 1.1.13: On-campus public transportation facilities shall be coordinated to allow for visibility and ease of access, both pedestrian and vehicular. All shelter designs shall be consistent with UCF's Design, Construction, and Renovation Standards. Landscape treatment should provide shade, if not provided by shelter.

POLICY 1.1.14: Emergency access shall be clear of any impeding landscape or hardscape obstacles.

POLICY 1.1.15: Screening trash collection facilities from pedestrian or vehicular traffic with either fences or wall or plants consistent with UCF's Design, Construction, and Renovation Standards shall be a priority.

POLICY 1.1.16: Screening maintenance facilities from pedestrian or vehicular traffic with fences, walls, or plant material consistent with UCF's Design, Construction, and Renovation Standards shall be a priority.

POLICY 1.1.17: All projects with an associated Art in State budget, as well as other campus art projects, shall coordinated within the design review process and with the University of Central Florida's Public Art Committee to facilitate location, theme, and integration.

OBJECTIVE 1.2: To amend the Campus Master Plan by adding it as an Appendix to the Landscape Design Guidelines Element.

POLICY 1.2.1: The University shall monitor conformance of future construction projects with revised Landscape Design Guidelines and Campus Landscape Master Plan through university Standards and design review procedures.

OBJECTIVE 1.3: To implement the landscape concept plan by allocating proportional campus landscape budgets to programmed building costs, and by seeking supplemental funding allocated for landscape improvements.

POLICY 1.3.1: Landscape budgets shall be an integral part of new construction budgets, and shall be based upon a percentage of total construction costs or on

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design-driven actual costs. Funds allocated for landscape improvements shall not be redirected to fulfill funding shortages in other areas of the construction project.

POLICY 1.3.2: Landscape improvements that are independent from new building construction shall be considered as stand-alone or independent projects with respect to funding and capital expenditure programming.