

2.3 Urban Design Element

Goals, Objectives and Policies

2010-2020 Campus Master Plan Update

GOAL 1: Create a campus which is a cohesive environment, characterized by appropriate building placements that frame organized open spaces, logical pedestrian circulation to the core of campus, and simplified vehicular circulation.

OBJECTIVE 1.1: To protect, enhance and develop symbolic campus spaces.

POLICY 1.1.1: The Master Planning Committee, together with the Administration, Faculty and the Office of Facilities & Safety, shall review the future campus development for compliance with the Master Plan Urban Design Criteria, as well as all other appropriate master plan goals, objectives and policies.

POLICY 1.1.2: Axial arms of open space framed by buildings in the academic core shall be encouraged as visual corridors in and out of the University.

POLICY 1.1.3: Building edges shall reinforce the pattern of open spaces within academic core and housing areas.

POLICY 1.1.4: Landscaping and covered walkways can be used as tools of enclosure and space makers, as well as elements of continuity.

POLICY 1.1.5: Develop and infill academic quadrangles within the academic core. Preserve internal open spaces.

POLICY 1.1.6: Emphasize sequence of movement from open space to open space to reinforce pedestrian connectivity to the core of campus.

POLICY 1.1.7: Emphasize the inner campus as a pedestrian environment. Future buildings shall not obstruct axial pedestrian pathways. Vehicular access shall be minimized, while providing service access and access for parking for people with disabilities.

POLICY 1.1.8: When feasible, preserve and enhance open space by consolidating on-grade parking areas into parking structures outside the 1200 foot radius.

POLICY 1.1.9: A portion of future building construction budgets and funding shall be allotted to the development of the campus open spaces which they shall define.

POLICY 1.1.10: The University shall consider the redevelopment of older, low-rise structures on campus when determining sites for future projects, in order to more efficiently use land at a higher density.

POLICY 1.1.11: In order to accommodate future program needs and protect open spaces on campus, future buildings shall be constructed at a minimum of six levels as budget and other program factors will allow.

POLICY 1.1.12: The development of the campus spatial environment, as determined by the placement of buildings and open spaces shown on Figure 3-1, shall occur through the timing set forth in the University's Public Education Capital Outlay (PECO) and other funded projects, in coordination with the Office of Facilities and Safety.

POLICY 1.1.13: The University shall encourage beautification of the campus boundaries, especially along Alafaya Trail and the South Connector Road to the Research Park.

POLICY 1.1.14: The University shall consider the use of pedestrian and bicycle paths that connect the campus with the research park, as well as future trail systems in Orange and Seminole counties.

OBJECTIVE 1.2: To organize the placement of service and loading functions to avoid interference with campus open spaces and circulation.

POLICY 1.2.1: Service and loading areas shall be located adjacent to the 400 and 1200 foot rings for academic buildings.

POLICY 1.2.2: In order to minimize the number of sites for service and loading, their locations shall be selected to serve as many buildings as possible from one area.

POLICY 1.2.3: Non-vehicular paths shall be located so as not to cross or be adjacent to service areas.

POLICY 1.2.4: Service and loading areas shall be visually and acoustically screened from their surroundings, through the use of landscaping, fencing, walls and placement of buildings.

POLICY 1.2.5: Vehicular access to service areas shall be minimized and restricted to authorized vehicles only.

POLICY 1.2.6: Golf cart use within the academic circle shall be minimized.

OBJECTIVE 1.3: To ensure compatibility of the University with the host community boundary and context area with respect to building location, orientation, mass and scale, landscape character and ground level character.

POLICY 1.3.1: Principal academic buildings shall be contained within the 1200 foot radius whenever possible.

POLICY 1.3.2: When feasible, a landscape buffer shall be maintained around the perimeter of the campus where not superceded by another element of the master plan.

POLICY 1.3.3: The University will coordinate with the host community regarding issues related to the urban design character of the University with respect to the context area.

POLICY 1.3.4: The University will develop visual and physical links with the community that encourage public transportation and participation in campus activities.

POLICY 1.3.5: The campus shall maintain a relatively dense development pattern to use efficiently University land for future program accommodation.

OBJECTIVE 1.4: To maintain and enhance functional linkages between major campus activities.

POLICY 1.4.1: Campus activities of similar function shall be clustered together.

POLICY 1.4.2: Separation of vehicular and non-vehicular circulation paths will be encouraged.

POLICY 1.4.3: Vehicular and non-vehicular paths with landscaping, grading design, building edges and signage will be articulated.

POLICY 1.4.4: When feasible, permanent parking areas shall be constructed outside of the 1200'radius of the campus central core.

POLICY 1.4.5: Retail and support services will be located close to campus housing (i.e., fast food, laundry, social activity centers, etc.).

POLICY 1.4.6: Parking facilities will be located to support the academic, recreational and housing centers on the campus.

POLICY 1.4.7: The construction or installation of temporary and portable buildings on campus shall be discouraged.

OBJECTIVE 1.5: Campus buildings and facilities shall be energy efficient, as outlined in UCF and SUS Guidelines.

POLICY 1.5.1: Whenever possible, care should be taken to minimize the east and west exposures of buildings.

POLICY 1.5.2: Overhangs and shading of south-facing windows will be provided, when appropriate.

POLICY 1.5.3: The University shall establish and enforce minimum thermal insulation values for exterior walls and roofs of all air conditioned facilities.

POLICY 1.5.4: The University will continue to connect all future and existing campus facilities to the centrally controlled Energy Management System (EMS).

POLICY 1.5.5: Landscaping will be positioned to help shade campus buildings.

POLICY 1.5.6: Windows may have tinting, but the color and reflectance must comply with the UCF Architectural Guidelines and be approved by the Director of Facilities Planning, the Administration, and the University Master Planning Committee (UMPC).

POLICY 1.5.7: New technology that creates energy efficiency shall be used when feasible.

POLICY 1.5.8: Other energy saving features, such as occupancy controls on lighting, shall be considered for future and existing facilities.

POLICY 1.5.9: The University shall encourage water management practices so that post development runoff is less than or equal to pre-development runoff.