

Below is a list of high-level updates to the UCF 2020-30 CMP. These updates do not examine the goals, objectives, and policies in detail, but attempt to cover an overview of content changes since the last CMP update.

General:

- The format of the document has been updated. The new format makes it easier to follow the goals, objectives, and policies (GOPs) of each element. The new format is also much more visually appealing.
- GOPs have been combined with Data and Analysis (D&A) into a single document for each element.
- A number of elements have been combined, retired, or added. Required elements are listed in bold text:
  1. INTRODUCTION – added
  2. **FUTURE LAND USE & URBAN DESIGN** – these were previously two separate elements, which have now been combined
  3. **HOUSING** – no change
  4. **ATHLETICS, RECREATION & OPEN SPACE** – the word “ATHLETICS” has been added to the element to emphasize its importance, but athletics content has always been in this element
  5. **GENERAL INFRASTRUCTURE & UTILITIES** – these were previously two separate elements, which have now been combined
  6. **TRANSPORTATION** – no change
  7. **INTERGOVERNMENTAL COORDINATION** – no change
  8. PUBLIC SAFETY – this is an optional element which has been added
  9. **CONSERVATION** – no change
  10. **CAPITAL IMPROVEMENTS & IMPLEMENTATION** – “IMPLEMENTATION” has been added
  11. ACADEMIC & SUPPORT FACILITIES - these were previously two separate elements, which have now been combined
  12. FACILITIES MAINTENANCE – no change

RETIRED

- Academic Mission – refer to the UCF Collective Impact Strategic Plan 2016
  - Academic Program – refer to the UCF Collective Impact Strategic Plan 2016
  - Architectural Design Guidelines – refer to the UCF Standards
  - Landscape Design Guidelines – refer to the Campus Landscape Master Plan
- 1) INTRODUCTION - a new section, this provides an overview of UCF, the CMP requirements, and high-level information about the university:
- History of UCF, UCF now
  - Projected Enrollment
  - UCF Colleges, new Colleges
  - Jurisdiction of the Campus Master Plan; Statutes and Regulations
  - Process – Statutory Review, Public Review, Adoption
  - Master Plan elements (above)
  - Next Steps – Campus Development Agreement (CDA)

- Contributors, by element

## 2) FUTURE LAND USE & URBAN DESIGN

- A 200' wide natural buffer, or 100' wide natural buffer with a 6' barrier (at conservation), or 50' wide natural buffer with a 6' barrier (at developable) has been added to the CMP – targeted as a positive improvement to our neighbors
- Deleted a provision for a portion of future building construction budgets to be allotted to the development of campus open spaces – this funding issue will be evaluated separately by UCF
- Deleted a provision to construct buildings at a minimum of 4 stories – this goal aimed to create a dense campus, but we will evaluate this on a building by building basis and need the flexibility to construct 1, 2, or 3 story buildings
- Updated provision related to a pedestrian and bicycle path to link trail systems in Orange and Seminole counties from “consider” to “pursue”, since our 2016 Campus Development Agreement prioritizes this issue. Pending funding availability.
- Added Objective and Policy on improving pedestrian safety on and off campus.
- Removed some policy language on thermal insulation values, as these are governed by our UCF Standards

## 3) HOUSING

- a. Narrative for Housing added, which includes
  - i. Big picture statements on HRL
  - ii. HRL Vision Statement
  - iii. HRL Mission Statement
  - iv. Statement on Diversity and Inclusiveness
- b. University target for housing FTIC students has been lowered from 80% to 75%
- c. Element notes potential housing sites at:
  - i. Former site of WD 38/39
  - ii. Specialty “Greek Housing” site at Alafaya and Gemini North
  - iii. East and West of Academic Village
- d. Otherwise, minimal changes to this element

## 4) ATHLETICS, RECREATION & OPEN SPACE

- a. Recreation & Open Space GOPs have remained the same
- b. Athletics has been added to the element to give it additional emphasis.
- c. “Tennis” added to the data and analysis, reflective of the new UCFAA Collegiate Tennis Center as the USTA complex in Lake Nona
- d. Element notes future facility projects, and calls out the following:
  - i. Spectrum Stadium Rust Remediation
  - ii. Basketball Excellence Center
  - iii. Soccer Stadium & Parking
  - iv. Tennis Complex
- e. Otherwise, minimal changes to this element

## 5) GENERAL INFRASTRUCTURE & UTILITIES

- a. Added language under Utilities to make Utilities and Energy Services the responsible department for all campus utilities – consistent with other University policies already in place
- b. With the rise of energy costs, we have added GOPs related to planning for energy projects, and evaluating energy needs/costs as part of new campus projects.

Additionally, a policy for new projects to tie into our existing (efficient) district energy loop has been added.

- c. UCF is approaching our permitted limit for potable water per our Consumptive Use Permit. As such, language has been added to ensure that all new projects meet high performance building standards for potable water usage. Additionally emphasis has been added to the use of reclaimed water where possible to offset potable water demands
- d. GOPs related to UCF's recycling program have been added.
- e. GOPs related to electrical efficiency have been added – targeting more energy efficient generation sources, and reducing demand through conservation and renewable energy
- f. GOPs related to natural gas have been added to reduce cost and increase safety/reliability of this commodity.
- g. Significant updates to the D&A have been made for these sections, updating to reflect developments and data over the past 5 years

## 6) TRANSPORTATION

- a. GOPs have been added related to the Campus Development Agreement (CDA) executed in December 2016 between UCF and Orange County. These include GOPs related to:
  - i. Improving the main entrance to campus at University Blvd
  - ii. Improve mid-block crossings at Alafaya Trail near Salon, and University Blvd near Turbine
  - iii. Develop an on-campus bicycle pathway through the UCF campus to connect Orange and Seminole county trail systems
  - iv. The university shall develop and provide educational programs related to pedestrian safety
- b. Intercept garages have been targeted as the next round of parking structures. These will be located at the perimeter of campus, limiting the amount of traffic in the core of campus.
- c. Parking Services will explore new technology to improve the student parking experience, such as smartphone applications, license plate recognition, etc.
- d. The university will develop initiatives to encourage student transit, shuttle services, and autonomous vehicle usage in order to decrease the use of single-occupant vehicles and the demand for parking
- e. A new section on sustainable transportation has been added with GOPs targeted at:
  - i. Integrating transportation and land use planning
  - ii. Continuing to implement distance learning with satellite campuses to reduce the need for travel between campuses
  - iii. Examine class scheduling to help mitigate peak-hour traffic
  - iv. Reduce the dependence on the automobile by encouraging alternate means of transportation (zipcar, ride-sharing, preferential parking for vehicles carrying 2+ persons, electric vehicle charging stations, autonomous vehicles)
  - v. Measure performance towards meeting these goals

## 7) INTERGOVERNMENTAL COORDINATION – no significant changes

## 8) PUBLIC SAFETY – this is a new element, with contributions from the following offices/departments related to public safety of UCF students, faculty, staff, and neighbors

- a. UCF Police Department and their Department of Security, Office of Emergency Management

- i. Goal 1 – Preserve a safe and secure campus environment
      - 1. Objective 1.1 – Participate with local, state, and federal agencies in public safety programs including, but not limited to, law enforcement and emergency management.
      - 2. Objective 1.2 – Provide safe facilities and public safety programs to the university population to reduce vulnerability to crime, threats, hazards, and emergency events.
  - b. Environmental Health and Safety
    - i. Goal 1 – Maximize facility safety
      - 1. Objective 1.1 – Ensure a thorough Construction Review Process
      - 2. Objective 1.2 – Address State Fire Marshal Violations
    - ii. Goal 2 – Maximize research safety
      - 1. Objective 2.1 – Reduce laboratory findings
      - 2. Objective 2.2 – Ensure Proper Chemical Inventory Control
      - 3. Objective 2.3 – Ensure Proper Environmental Management
    - iii. Goal 3 – Limit Risk and liability to the University
      - 1. Objective 3.1 – Reduce Accidents on Campus
      - 2. Objective 3.2 – Ensure Event Safety Processes are Followed

## 9) CONSERVATION

- a. Two objectives have been added that encourage conservation by designing landscapes consistent with the 2016 Campus Landscape Master Plan, supporting a healthy tree canopy on campus, maintaining the campus designation as a Bee Campus USA, and using the campus as an educational “living laboratory”
- b. GOPs have been added related to energy efficiency – in particular:
  - i. Benchmarking buildings for energy performance
  - ii. Replacing Building Automation Systems in buildings to increase energy performance and be able to collect data
  - iii. Upgrading building and site lighting systems to reduce power demand
  - iv. Upgrade energy-intensive HVAC systems to reduce power demand
  - v. Upgrade chilled water connections and pumps to improve efficiency
  - vi. Recommission building to reduce power demand
  - vii. Reduce set-points for HVAC in select buildings in off-hours to reduce power demand
  - viii. Create a PV plan to add panels to select building and parking garage roofs
  - ix. Design new projects to be “solar ready”
  - x. Work with internal and external partners on energy plans to reduce power demand
- c. Significant updates to the D&A have been made for these sections, updating to reflect developments and data over the past 5 years

## 10) CAPITAL IMPROVEMENTS & IMPLEMENTATION

- a. Capital Improvements
  - i. The former Capital Improvement List (CIL) has been renamed to the Ten-year Schedule of Capital Projects (SCP), in order to prevent confusion with our annual Five-year Capital Improvement Plan (CIP). Other changes to the SCP are:
    - 1. Dollar values have been removed from all projects – these will be presented annually on the CIP for priority projects
    - 2. Descriptions of each project are added

3. Projects have been grouped by 3-year committed, CDA, main campus (academic/research, housing, recreation, other), and satellite campus
  4. Variables such as schedule, probable cost, and funding sources will be found only on the annually updated Capital Improvement Plan.
- ii. By far, the largest change to the CMP is the reduction of future projects listed on our Schedule of Capital Projects (SCP). The latest version of the 2015-25 CMP with amendments has 115 projects on our Capital Improvements List – the proposed 2020-30 SCP has been reduced to 32 projects on main campus – a significant number are renovations.
- b. Implementation – this is a new section, describing how projects go from ideation to construction
    - i. Goal 1 – provide implementation procedures for monitoring and updating the Campus Master Plan and prioritizing Capital Projects, by guiding University decision-making, responding appropriately to unforeseen or changing conditions, encouraging public involvement, and maintaining transparency.
    - ii. Multiple GOPs follow, related to implementation.
    - iii. D&A describes various campus departments and committees that participate in the planning and approval process for new projects.

#### 11) ACADEMIC & SUPPORT FACILITIES

- a. The 2015-25 CMP set targets for facility growth based on projected enrollment growth. With student growth anticipated to slow (1%, versus 3-5%), the reasoning for additional facilities has been changed to “meet unmet need”. The 2016 Educational Plant Survey (EPS) showed a 2.2M sf space deficit in academic, research, and office space at UCF. Targets for new space requests to address this space deficit are:
  - i. Classrooms – 10,000sf/yr (actual 2015-20 = ~18,000sf/5yr)
  - ii. Teaching Labs – 20,000sf/yr (actual 2015-20 = ~2,700sf/5yr)
  - iii. Research – 20,000sf/yr (actual 2015-20 = ~47,000sf/5yr)
  - iv. Library – renovation only (actual 2015-20 = added ~50,000sf/5yr)
- b. D&A has been updated to include the 2016 EPS which supports the need for additional facility space

#### 12) FACILITIES MAINTENANCE

- a. Minimal changes since 2015-25:
  - i. Added a policy referring to UCF Policy 3-106, requiring Maintenance, Repair, and Housekeeping in coordination with Facilities & Safety
  - ii. D&A providing updated statistics on Work Orders, SOPs, and Housekeeping