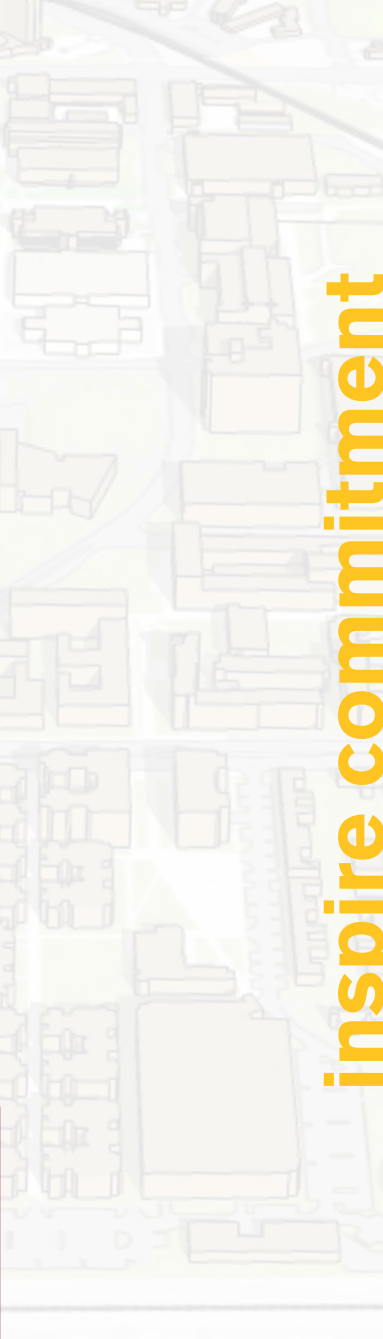




Master Plan Update tempe campus



inspire commitment



enable student
success



Existing Conditions

Founded in 1885, the Tempe campus is the original campus of ASU. Today, the campus consists of 634 acres with 15.9 million gross square feet (gsf). As of fall 2011, total enrollment at the Tempe campus was 51,469 students.

The Tempe campus is the most densely populated of the four ASU campuses, located adjacent to downtown Tempe. It is a thriving undergraduate, graduate, and research campus, and home to ASU's arts and athletics venues. As a dense and compact environment, the Tempe campus must identify opportunities for infill and replacement, without sacrificing its quality of life.

Projected Growth

The university has set a 2020 enrollment target of 60,000 students for the Tempe campus. The renovation of labs and existing academic space, coupled with the need to replace aging facilities and accommodate greater research growth, could result in a future demand of up to 1.67 million gross square feet (gsf) of new academic, research, and support functions.

The Tempe campus currently houses approximately 20% of its student population on campus. The ASU Student Affairs Residential Life Department has set a target of housing 25% of its student body on campus. This would equate to 15,000 beds for a future campus population of 60,000 students, adding 4,570 beds to the existing 10,432 on-campus supply.



existing conditions (2011)

Planning Challenges

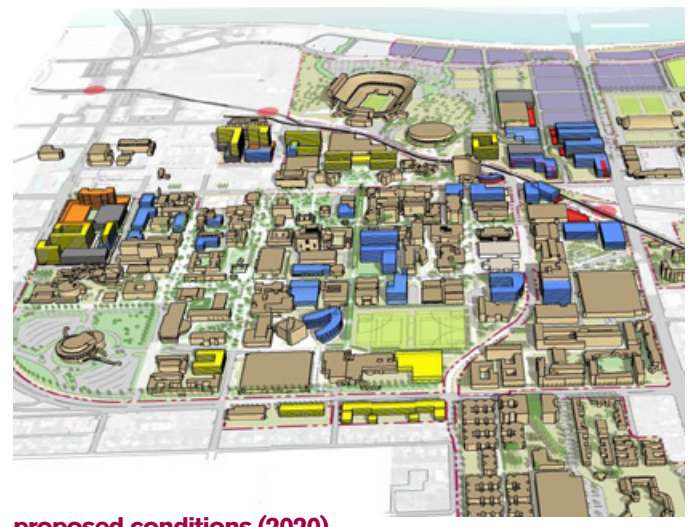
Availability of land and finding sites for replacement of outdated facilities, new construction, or swing space during building renovation is the single biggest challenge for the ASU Tempe campus. Low scale, one- and two-story buildings in the core of campus are an increasingly inefficient use of valuable land resources. Growth opportunities are easier at the edges of central campus.

Recommendations

The Tempe Campus Master Plan Update proposes sites for the construction of up to 4.4 million gsf of new academic, research, support, and residential development, including over 600,000 gsf of replacement space. Within this total, the plan can accommodate up to 2.4 to 3 million gsf for new construction and/or replacement space for research, academic, and support uses. The range in square footage reflects flexibility in assumptions on density, building height (four to eight stories), and site coverage, depending on future program needs.

The proposed recommendations for the Tempe campus focus on three core ideas:

1. **the redevelopment and densification of the central campus**
2. **optimizing the development potential of underutilized sites such as the Tempe Gateway**
3. **the future transformation of the Rural Road frontage of the campus and Athletics district**



proposed conditions (2020)



Key Elements of the Tempe Plan

Research expansion, both university and potential private partner development, is proposed as an extension of the emerging research district on the east side of campus, creating a new gateway and image on Rural Road and its intersection with University Drive.

Existing low-scale footprints within the central campus are identified for future higher density development. High-density student housing and apartments are proposed as part of a mixed-use, transit-oriented development on College Avenue near the light rail station, promoting increased ridership. New parking garages are shown in the plan only to replace existing parking displaced by future construction, with no net gain in parking, in accordance with ASU's sustainable transportation goal.

Access management of both motorized and non-motorized transportation on the Tempe campus has become an increasingly critical concern. The large amount of foot traffic combined with the vast number of bicycles, skateboards, maintenance vehicles, and electric carts on the primary pedestrian malls during peak use hours has created a safety concern for students, faculty, staff, and visitors. An analysis of all wheeled movement on the Tempe campus has resulted in recommendations to create a pedestrian only zone during specific hours of the day. Separate service routes for maintenance and delivery vehicles and alternative routes for cross-campus bicycle and electric cart traffic have been identified, as well as revisions to campus policy.

	Existing	2020 Capacity
Enrollment	51,469	60,000
Beds	10,432 (20%)	15,000 (25%)
Total GSF	15.9 mil.	19.3 mil.
Academic/Research GSF	8.9 mil.	10.6 mil.
Parking Spaces	18,118	18,118
Academic/Research/Support Acres	-	498
Development Acres	-	136
Total Acreage	634	634

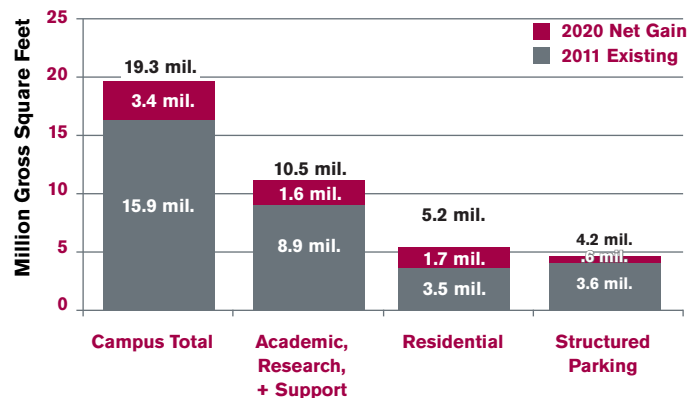
Architectural Principles

As an institution that has seen development and massive expansion over the past 125 years, the Tempe campus showcases an eclectic palette of architectural styles. Although this architectural diversity has led to a number of excellent buildings, future design on the Tempe campus should focus on establishing a unified feel to the campus and recognition of ASU's commitment to sustainability. The complexity of the Tempe campus negates a single prescriptive approach of defining one architectural style. Rather, the Tempe campus has been organized into five loosely-defined planning districts with common physical attributes and materiality that give further guidance to new development.

Landscape Principles

The development and implementation of outdoor spaces is crucial to the character, coherence, and comfort of the ASU campuses. The spaces between the buildings on campus form the common campus environment, and will be the medium that helps to create the identity and sense of place unique to each campus. The following landscape design principles are common to all campuses:

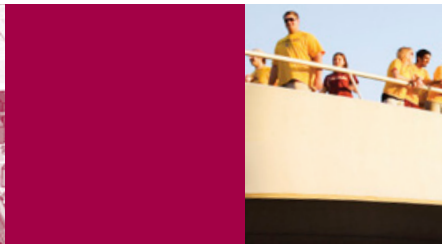
1. **demonstrate ASU's commitment to sustainability through best management practices**
2. **create a cohesive identity and sense of place throughout the campus by establishing a unified ground plane**
3. **landscape architectural design must consider ways to sensitively mitigate and respond to the Sonoran Desert climate for human comfort**



Tempe Campus Master Plan



* Eco-District plan development shown to 2020.



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Design Aspirations for a New American University

01. Leverage Our Place

ASU embraces its cultural, socioeconomic and physical setting.

02. Transform Society

ASU catalyzes social change by being connected to social needs.

03. Value Entrepreneurship

ASU uses its knowledge and encourages innovation.

04. Conduct Use-Inspired Research

ASU research has purpose and impact.

05. Enable Student Success

ASU is committed to the success of each unique student.

06. Fuse Intellectual Disciplines

ASU creates knowledge by transcending academic disciplines.

07. Be Socially Embedded

ASU connects with communities through mutually beneficial partnerships.

08. Engage Globally

ASU engages with people and issues locally, nationally and internationally.

