ASU Update

Building Places to Fuel Innovation

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ASU’s public enterprise continues to evolve
Academic Enterprise
Total enrollment has continued to outpace goals

Total Enrollment: Actual, Forecasted, and ABOR Metric Goals (Fall 2002 to Fall 2026)
ASU degrees awarded in STEM fields have more than quadrupled since 2002-03

STEM Degrees by Academic Year (2002-03 to 2020-21)
Dreamscape Learn enables new learning realms

- Dreamscape Learn, a virtual reality learning platform that merges education, storytelling and entertainment, welcomed visitors for demonstrations in the ASU Creativity Commons.

- It was a featured attraction at the 2021 ASU+GSV Summit in San Diego, and Summit attendees were able to experience it firsthand.

- In December 2021, the first student cohort in ASU’s “Designing for Dreamscape” course unveiled “Theta Labs,” an environmental sustainability course they created.
Research expenditures almost doubled over the last decade

Expenditures Reported in NSF Higher Education Research and Development Survey (Dollars in Millions)
SkySong Innovations catalyzes start-up growth

Technology Transfer Metrics as Advanced by SkySong Innovations

Invention Disclosures

License and Options

Startups

Issued US Patents
DNA OF AN INNOVATION DISTRICT

Creating connections and opportunities for:

- Faculty
- Community
- Industry
- Students
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<th>Workforce Development</th>
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<td><strong>Launch the New Economy Initiative for Arizona</strong></td>
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<td><strong>Enhancing job readiness</strong></td>
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<td>through hands-on research experiences</td>
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<td><strong>Accelerated learning</strong></td>
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<td><strong>Upskilling the current workforce</strong></td>
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<td>through stackable certificates, micro-degrees, badges and other credentials</td>
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<td><strong>Increasing graduation rates</strong></td>
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<td>and decreasing time-to-degree through AI-infused advising platforms</td>
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<td><strong>Increasing capacity to serve students</strong></td>
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<td>by attracting world-class faculty</td>
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Launch the New Economy Initiative for Arizona

Science and Technology Centers

These five STCs will add to Arizona’s existing two applied research centers focused on industry-led research – WearTech and Blockchain

Advanced manufacturing
Focus on new technologies that strengthen links to private industry support in aerospace and defense

Energy, materials and devices
Focus on advancing new energy materials and device technologies to market, growing industry engagement

Extreme environments
Focus on engineering resiliency into transportation, energy, water and materials systems of future cities

Human performance
Focus on enhancing physical and cognitive performance, as well as medical prevention and intervention

Future communications technologies
Focus on driving Arizona to the forefront of physical information systems for sensing and communications
New collaborations connect efforts across oceans
The Learning Enterprise will provide access to social and economic opportunity at every stage of life.
ASU Prep and ASU Prep Digital drive

**local and global impact in K-12**

- **3,500+** learners served in K-12 immersion schools on four Arizona campuses
- **7,800+** learners served in K-12 full-time digital offerings around the world
- **52,000+** learners served in partnership with other schools around the world
- **14,000** teachers trained in 1,300 schools in our Arizona Virtual Teaching Institute
ASU has already launched more than 300 Upskilling programs

**On-demand Course Library**

More than 300 online continuing and professional education courses, including 36 that are free and open-access

**Partner-enabled Career Bootcamps**

Eight career bootcamps, offered in partnership, prepare learners for entry-level jobs in technical fields

**Custom Corporate Partnerships**

Custom learning experiences designed based on a partner’s workforce development priorities

**Advanced skills training available globally, powered by online courses and Thunderbird’s network of centers for excellence**
ASU thrives on collaboration
Polytechnic Educational and Research Building

Budget Details

- Total Program Budget: $175M
- Construction Budget: $124M
- Size: Approximately 192,000 GSF

Construction Dates and Details

- Anticipated Start Date: Approximately October 2023
- Anticipated Completion Date: July 2025
Key objectives:

- continue to advance the vitality of the Mesa downtown area and partnership
- plan a phased sequence of ASU facilities to accommodate anticipated growth
- establish an organizing pedestrian spine for signature civic spaces and public events
Studios at Mesa City Center
The Health Futures Center, home of the Mayo Clinic and ASU Alliance for Health Care, opens.

The 2021 Collaborative Research Seed Grant Program garners new ideas for Mayo-ASU collaboration.

The Spring 2021 Mayo Clinic and ASU MedTech Accelerator launches.

The first cohort from the Mayo Clinic Alix School of Medicine's Arizona campus graduates with both an MD and a master’s degree in the science of health care delivery.

Mayo Clinic acquires land for the “Discovery Oasis” biotech corridor.
ASU OCCUPIED SPACE

POTENTIAL ASU SITES
THE PBC

TOTAL - 1.62M GSF
ASU/WEXFORD 850 N. 5TH ST. RESEARCH BUILDING, 2020
Size: (7) LVLs, 226,000 GSF
Site: 44,037 SF
Major Programs: Private and Academic Research Labs

Future PBC 2 Research Building
Size: North Phase (9) LVLs, 263,000 GSF,
South Phase (12) LVLs, 250,000 GSF
Site: 89,875 SF
Podium Parking Garage: 1,150 Spaces

Future PBC 1 Collaboration Venue
Size: (3) LVLs, 45,000 GSF
Site: 44,997 SF
30 Parking Spaces

Future PBC 3 Research Building
Size: North Phase (9) LVLs, 263,000 GSF,
South Phase (12) LVLs, 250,000 GSF
Site: 65,081 SF
Podium Parking Garage: 1,150 Spaces

Future PBC 4 Research Building
Size: (6) LVLs, 142,000 GSF
Site: 56,277 SF

Existing Hotel Site
In Fall 2020, ASU enrolled 17,292 undergraduates from California.

Key facts

California is 47th in the nation with only 1 in 3 graduates enrolling in a four-year institution.

A long-standing problem: From 2005 to 2015, nearly one million CA residents who applied for freshman or transfer admission were turned away.

Access restrictions disproportionately affect less mobile and underserved communities and further exacerbates economic inequities.
Why ASU in Los Angeles?

Global University in a Global City
- LA is a global city - ASU leverages place
- Opportunity to connect and help create global ecosystem
- Reinforce ASU’s standing as a global institution

Community Engagement
- Partner with City of LA to help address most pressing socio-economic issues, such as homelessness
- Create transdisciplinary studio drawing on design, nutrition, sustainability, social work, and others

Future of Media, Art, and Communications
- LA is the media and arts capital of the world
- Opportunity to create unique program offerings differentiated from competitor programs
- Should be future-focused in an intentional way

Gateway for Access
- Serve as gateway for all ASU students to access opportunities in Los Angeles
- An invitation to educational opportunities for underserved Angelenos
What’s Next?