UTDallas has experienced tremendous growth and quickly developed an aspiring and ambitious culture of leadership, research, and innovation since its founding almost 50 years ago.
A significant effort to develop a Master Plan Update was taken to ensure that the next chapter of UTDallas’ evolution stimulates intellectual growth, supports high quality teaching, learning, research, encourages interaction, cross-disciplinary cooperation, and scholarly exchange.
1. Planning Process Overview
Schedule

1. DISCOVERY
- Data Collection, Site Analysis
- Campus Orientation
- Vision Session
- Circulation/Parking Review
- Space/Program Needs
- Prepare Site Analysis
- Identify Opportunity Sites
- Executive Review

2. EXPLORATION
- Alternatives Presentation
- Program/Building Locations
- Open Space
- Circulation/Parking Systems
- Sustainability Strategies

3. SYNTHESIS
- Draft Final Plan Development
- Prepare Final Documents
- Submit Final Deliverables

Key Dates

<table>
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<tr>
<th>March 1-2</th>
<th>April 5-6</th>
<th>May 15-16</th>
<th>June 28</th>
<th>Submit</th>
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<tbody>
<tr>
<td>Workshop #1</td>
<td>Workshop #2</td>
<td>Workshop #3</td>
<td>Workshop #4</td>
<td>Final Docs</td>
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1. Discovery
2. Exploration
3. Synthesis

**FACILITIES/PROGRAM**
- Add arts building at the corner of University Blvd and the existing Loop Rd near the School of Mgmt.
- Replace Green Center with student support.
- Add utility plant to accommodate future development.
- Add student dining capacity.
- Concentrate new student housing development to the west.
- Provides opportunities to enhance program adjacencies.

**CIRCULATION**
- Desire to reduce vehicular usage and traffic
- Need to enhance safety and efficiency of circulation
- Realign Loop Rd (Option B).
- Pedestrian conflict at Synergy/Northside and Floyd
- Coordinate parking structure with Comet Cab and shuttles routes.
- Reduce traffic on Floyd Rd by making connection to new Loop Rd alignment.

**OPEN SPACE**
- High desire to create diverse open space typologies that promote social, collaborative, and interactive qualities for campus community
- Strong support for academic quad, arts village, and athletic district concepts.
- Strong support to enhance and activate the creek.
- Investment in landscape has transformed perception of the campus.
Campus Planning Principles Support UTDallas’ Strategic Plan

STRATEGIC PLAN ELEMENTS

VISION

MISSION

CAMPUS PLANNING PRINCIPLES TO SUPPORT STRATEGIC PLAN

Provide an integrated environment for teaching, living, learning and research.

• Emphasize compactness to ensure long-term flexibility and growth;
• Strengthen the existing campus grid and street network; and
• Enhance adjacencies for existing and future program

Increase accessibility and efficiency through smart growth principles

• Optimize campus connectivity and accessibility;
• Limit vehicular circulation in campus core by locating parking on perimeter of campus; and
• Minimize impacts on nearby residential neighborhoods

Enhance the campus’s distinctive sense of place

• Enhance pedestrian safety and mobility;
• Capitalize on existing natural features and physical assets; and
• Create signature open spaces that improve campus life and experience

• Be one of the nation’s best public research universities and one of the great universities of the world

• Provide the state of Texas and nation with excellent, innovative education and research;
• Graduate well-rounded citizens whose education has prepared them for rewarding lives and productive careers in a constantly changing world;
• Continually improve educational and research programs in the arts and sciences, engineering, and management; and
• Assist in commercialization of intellectual capital generated by students, staff and faculty.
2. Analysis & Space Needs
# Projected Program

## Program Details for 30,000 FTE/35,000 Head Count

### MAIN CAMPUS

<table>
<thead>
<tr>
<th></th>
<th>ASF SURPLUS/DEFICIT</th>
<th>GSF SURPLUS/DEFICIT</th>
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<tr>
<td><strong>Total</strong></td>
<td>(720,162)</td>
<td>(1,107,942)</td>
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<table>
<thead>
<tr>
<th></th>
<th>EXISTING</th>
<th>FUTURE NEED</th>
<th>NET NEW</th>
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<tbody>
<tr>
<td>Housing*</td>
<td>6,094 beds</td>
<td>7,618 beds</td>
<td>1,324 beds</td>
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<tr>
<td>Parking**</td>
<td>14,167 spaces</td>
<td>17,709 spaces</td>
<td>3,542 spaces</td>
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### NORTH CAMPUS

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<tr>
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<th>0.50 FAR</th>
<th>1.00 FAR</th>
<th>2.00 FAR</th>
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<tr>
<td>Developable Parcels***</td>
<td>1,875,000 GSF</td>
<td>3,750,000 GSF</td>
<td>7,500,000 GSF</td>
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</tbody>
</table>

*0.254 beds/FTE  **0.590 spaces / FTE  ***Assuming 86 AC
Land and Building Use
Future Density of Classrooms & Labs
3. Campus Framework
Campus Framework
Campus Core
Campus Framework
Open Space

Academic Quad
Creates a hub for campus life

Athletic District
Creates hierarchy and order through a formalized pedestrian extension

Creek Enhancement
Create more access to existing and future program

Pocket Parks
Provides small-scale spaces for relaxation

Arts Village
Provides unique spaces for performance and learning
Campus Framework
Pedestrian Circulation

Signature Paths
Connects signature spaces
together on campus

Secondary Paths
Connects signature spaces
together on campus

Rutford Ave Pedestrian Pathway Extension
Hierarchy and organization is created to provide distinction to the Athletic District

Northside Paths
Extends to future DART Station

Existing Paths
Existing Campus Mall

UTDallas Campus Master Plan Update – Town Hall Meetings
Campus Framework
Vehicular Circulation & Parking

Recommended Traffic Signal
Enhances safety and access to-and-from Loop Road

Northern Gateway
Provides access to north edge of campus

Perimeter Parking
Allows for compact, walkable campus core to grow

Realigned Loop Road
Includes intersection and access improvements

Connectivity Addition
Mitigates impact to residential areas
Campus Framework
Sustainability & Resilience

- Campus Framework
- Sustainability & Resilience
- Stormwater Management
- Climate Relief
- Density
- Optimized Residential Areas
- Reduced Driving onto Campus
- Transit-Oriented Development
- Efficient Circulation

- Stormwater Management
- Building Performance
- Density
- Reduced Driving onto Campus
- Transit-Oriented Development
- Efficient Circulation
4. Development Plan
Development Plan
Future Building Footprints

**Development Shown**

**Space Needs:**
1,100,000 GSF Total Program

**Displaced Program:**
- Displaced Program
  290,000 GSF
**TOTAL 1,390,000 GSF**

**Housing & Parking:**
- Student Housing**
  2,000 beds
- Parking Garage/Surface**
  2,750 gar./750 surf. [Campus]
- 1,500 gar./1,000 surf. [Stdt.]
Development Plan
Future Program

Space Needs:
1,100,00 GSF Total Program
- Classrooms
  85,000 GSF
- Class Labs
  55,000 GSF
- Research Labs
  370,000 GSF
- Offices
  140,000 GSF
- Support/Healthcare
  70,000 GSF
- Study/Special/Gen. Use
  380,000 GSF

Displaced Program:
- Displaced Program
  290,000 GSF

TOTAL 1,390,000 GSF*

*Includes Misc. Items:
- Events Center
  5,000-7,000 seat facility
- Multi-Purpose Arena
  3,000 seat facility
- Arts Theater
  800 seat facility

Housing & Parking:
- Student Housing**
  2,000 beds
- Parking Garage/Surface**
  2,750 gar./750 surf. (Campus)
  1,500 gar./1,000 surf. (Stdt.)
Development Plan
Future Campus Program

FACILITIES ADJACENCIES SHOWN

Research
Student Housing
Academic/Student Success
Arts
Athletics & Recreation
Street Network & Parking
TOD/P3 Development

- Northside/TOD Development
- Student Housing
- Research
- Academic/Research
- Academic/Student Success
- Arts Facility
- Recreation Facility
- Recreation Field

- Parking Garage
- DART Station
- Bus Transit Center
Development Plan
Illustrative Plan
UTDallas Campus Master Plan Update – Town Hall Meetings

Street Network
Provides structure for future development areas

Multi-Use Pedestrian Paths
Enhanced connectivity between parcels

Flexible Parcels
Framework provides frontage, density, and organization

TOD Development
Building footprints for reference

1/4 mile

North Campus Parcels
Bus Transit Center
UTD Main Campus
UTD North Campus
Existing Buildings
Future Buildings/Program
Bus Station

Establishment of Academic Quad
Establishment of Arts Village
Reinforce Athletics District Area
Loop Rd Enhancement
Development Plan
Academic Quad

CONCEPTUAL ILLUSTRATION

EXISTING CONDITIONS

FUTURE BUILDING

FUTURE BUILDING

FUTURE BUILDING

ECSN
Academic Quadrangle
Development Plan
Arts Village

CONCEPTUAL ILLUSTRATION

EXISTING CONDITIONS
Arts Village
Development Plan
Athletic District

CONCEPTUAL ILLUSTRATION

EXISTING CONDITIONS
Athletic District
Development Plan
Long-Term Growth

Main Campus Capacity @ 1.0 FAR
- Parcel A: 9 AC, 392,000 GSF
- Parcel B: 2 AC, 87,000 GSF
- Parcel C: 3 AC, 131,000 GSF
- Parcel D: 12 AC, 523,000 GSF
- Parcel E: 4 AC, 174,000 GSF
- Parcel F: 21 AC, 915,000 GSF
- Parcel G: 1 AC, 44,000 GSF
- Parcel H: 8 AC, 348,000 GSF
- Parcel I: 5 AC, 218,000 GSF
- Parcel J: 3 AC, 130,000 GSF
- Parcel K: 5 AC, 218,000 GSF
- Parcel L: 5 AC, 218,000 GSF
- Parcel M: 6 AC, 261,000 GSF
- Parcel N: 13 AC, 566,000 GSF
- Parcel O: 14 AC, 610,000 GSF
Total: 113 AC, 4,883,000 GSF

North Campus Capacity @ 1.0 FAR
- Parcel N-A: 12 AC, 522,000 GSF
- Parcel N-B: 27 AC, 1,176,000 GSF
- Parcel N-C: 26 AC, 1,133,000 GSF
- Parcel N-D: 8 AC, 349,000 GSF
- Parcel N-E: 3 AC, 131,000 GSF
Total: 76 AC, 3,311,000 GSF
Implementation

- The Master Plan Update is a dynamic tool that will shape the physical campus during the next period of development.
- As the 2018 Master Plan Update began, several projects were already in planning, design, or construction phases, including the Northside Phase II, Engineering Building, and Sciences Building.
- Several recommendations have been put forth to instill general procedures for administration and maintenance of the master plan, so that planned development continues to support the frameworks described in the final report.
5. Discussion