AGENDA

1. Introduction
2. Vision
3. Frameworks
4. Districts
2011 MASTER PLAN

**Restore the Core**
- Re-energize the heart of the campus by adding student housing
- Create more usable outdoor space, re-purposing buildings
- Establish a new student success center
- Reinvigorate the University’s cultural values
- The aim is to create a central core that will serve the needs of the entire campus community well into the future, that will add to WSSU’s institutional identity and that will make the campus a more memorable place in the minds of alumni.

**Improve Campus Life**
- Improve the quality of the student experience for resident and commuter students alike
- Recommendations include new housing, dining and recreational amenities in the core of the campus

**Enhance Connectivity**
- Improve connectivity on several levels:
  - between academic programs;
  - between campus destinations;
  - between the University and key destinations within the larger community.

**Adopt an Ethic of Stewardship & Sustainability**
- Sustainable environmental and physical design strategies
- Policy and implementation guidance with regard to sustainability
Since the completion of the 2011 Master Plan the following projects have been completed:

**Campus Projects**
1. Modular Unit relocation [Reynolds Park to F.L. Atkins] (2012)
3. DJR Student Activities Center (2013)
4. Hill Hall Student Success Center (2014)
7. New Freshmen Living/Learning (To be completed 2018)

**Local/Regional Projects**
EXISTING CONDITIONS

Buildings
1. Lowery Street Buildings
2. W.B. Atkinson Science Building
3. Computer Science Building
4. Modular Unit (at F.L Atkins)
5. F.L. Atkins Health Science Building
6. Williams Auditorium
7. Hauser Building
8. Old Maintenance Building
9. Carolina Hall
10. Alumni House
11. Physical Plant
12. Hall Patterson Building
13. Hill Hall
14. S.G. Atkins House
15. Martin-Schwendler Residence Hall
16. Atkins Residence Hall
17. New Freshman Living/Learning
18. Fine Arts Building
19. Eull Hall
20. Blair Hall
21. Moore Residence Hall
22. Coltrane Building
23. Center for Design Innovation
24. Rams Commons
25. Rams Commons Community Center
26. R.S. Reynolds Center
27. O'Kelly Library
28. Pegram Hall
29. Old Nursing Building
30. C.F. Thompson Center
31. C.E. Gaines and Whitaker Complex
32. DFR Student Activities Center
33. Brown Residence Hall
34. Early Child Development Center
35. Foundation Heights Residence Hall
36. Modular Unit (at Reynolds Road)
37. Wilson Hall
38. Gleason-Hairston Residence Hall
39. A.H. Ray Student Health Services
40. Anderson Center
41. Bowman Gray Field House
42. Bowman Gray Stadium

5151 Students Enrolled
50% First Generation College Students
302 Full-Time Faculty
125 Part-Time Faculty
553 Full-Time Staff
16 Part-Time Staff
14:1 Student-to-Faculty Ratio
117 Acre Campus
2017 MASTER PLAN
INTEGRATED VISION

- Restore The Core 2.0
- Create A Vibrant Campus Life
- Support Liberal Education & Graduate Programs
- Engage Communities & Enhance Connectivity
- Pursue Environmental Stewardship
VISION
RESTORE THE CORE

Improve pedestrian circulation and site accessibility

Enhance existing open spaces to connect core activities and facilities and make the campus a more memorable place

Expand academic, student life, and athletics programming in structures that respond to architectural history
CREATE A VIBRANT CAMPUS LIFE

Introduce student gathering spaces that blur the interior-exterior distinction

Strengthen residential districts through improved amenities and connections to the core

Increase the presence of Athletics within the campus core
SUPPORT LIBERAL EDUCATION AND GRADUATE PROGRAMS

Support graduate program growth through increased development in the West Campus District.

Activate the campus interior and exterior ground plane with social learning spaces.
ENgage communities and enhance connectivity

Create physical connections along MLK to the north and along Rams Drive towards the CDI.

Enhance on-campus accessibility for diverse campus users and visitors.
PURSUE ENVIRONMENTAL STEWARDSHIP

Embrace sustainable environmental and physical design strategies

Provide policy and implementation guidance with regard to sustainability

Green Design Checklist

Pursue Environmental Stewardship

The updated Green Design Checklist provides guidelines, policy recommendations, and implementation strategies for sustainable environmental and physical design on the campus.

The Green Design Checklist includes an extensive list of sustainable design strategies and best practices for a range of applications—building envelopes, alternative energy generation, fixtures, plumbing, lighting, water conservation, landscaping, and more. By following these guidelines, architects, engineers, and other consultants working on campus are required to consider the applicability of these best practices to their projects. Efforts should be made to incorporate green design strategies as part of the design of new construction and major renovation projects on the University.

Design Process

1. Cost-benefit analysis - The design team shall perform a structure-appropriate and then execute cost-effective strategies during the design process. The University will provide the design team with standard metrics such as the cost of capital, the life cycle of the project, and other standard metrics for labor and utility projections and use of carbon credits.

2. Commissioning - Every major renovation and new construction project will provide for commissioning to ensure compliance of the facility with the Owner's Project Requirements. This document will be used as a guide during design and construction.

3. Building envelope commissioning - Consider building envelope commissioning for projects where indoor temperature and humidity control are critical. Follow LEED-NC guidelines for building envelope commissioning.

4. Monitoring based continuous commissioning - Consider implementing continuous commissioning that trends the energy performance of buildings and systems. Continuous commissioning is an effective means of verifying building operations, demonstrating the performance of the building systems, and providing data for energy management systems. Continuous monitoring can be integrated into the building management systems and be used to identify energy savings opportunities.

5. Alternative energy generation - University Priorities

6. Photovoltaic roof collector panels and parking lot shading - One of the best ways to save energy and reduce the carbon footprint is to use solar panels and parking lot shading. This will help reduce the amount of energy required to operate the building.

7. Photovoltaic array integration - Always consider for new construction, especially on roofs and parking lots. This will help to reduce the amount of energy required to operate the building.

8. Water conservation - University Priorities

9. Water conservation - University Priorities

10. Water conservation - University Priorities

11. Water conservation - University Priorities

12. Water conservation - University Priorities

13. Water conservation - University Priorities

Electrical

University Priorities

1. Digitally addressable lighting and programmable relay panels for lighting circuits and daylight dimming - Applicable to new construction and renovation, this feature allows users to control the lighting system automatically after a user-specified period.

2. Future-friendly systems - All electrical systems should be designed and installed to allow for future expansion and upgrades. This feature allows users to control the lighting system automatically after a user-specified period.

3. Wall-outlet distribution for outdoor luminaires - Applicable to new construction and renovation, this feature allows users to control the lighting system automatically after a user-specified period.

4. Liquid-filled transformers - Applicable to new construction and renovation, this feature allows users to control the lighting system automatically after a user-specified period.

5. Occupancy/Smoke sensors for lighting control - Applicable to new construction and renovation, this feature allows users to control the lighting system automatically after a user-specified period.

6. Overhead transducers - Applicable to new construction and renovation, this feature allows users to control the lighting system automatically after a user-specified period.

Operations

University Priorities

1. BMS controls - These controls provide a full building automation system for new construction and major renovation. This feature allows users to control the lighting system automatically after a user-specified period.
FRAMEWORKS
EXISTING CONDITIONS
DEVELOPMENT OPPORTUNITIES

Potential development sites:
- Existing surface parking lots
  - north of Gaines; north of Hauser; west of F.L. Atkins; east of Union Station
- Demolition Sites:
  - Coltrane; Old Nursing; Brown Hall; Moore Hall

Open space improvement sites:
- Residential Quad at MSX and Freshman LLC
- Fine Arts (post demolition)
- Whittaker (post demolition)

Individual building interventions:
- Thompson, Library, Reynolds, Hall Paterson
PROPOSED DEVELOPMENT

- Athletics & Convocation Center
- Atkins Hall Expansion
- Hall Patterson Expansion
- Hauser Expansion
- Football Locker Rooms & Admin.
- Football Stadium
- Health Sciences & Multi-Use Building 1
- Health Sciences & Multi-Use Building 2
- Learning Commons
- MSX Expansion
- North Campus Gateway Center
- Parking Garage 1
- Parking Garage 2
- Residence Hall 1
- Residence Hall 2
- Academic Building 1 (West Campus)
- Academic Building 2 (West Campus)
- Student Life Building
- Weight Room & Sports Medicine Building
**BUILDING USE**

- Academic uses clustered in northwest Campus Core and in the West Campus district
- Student life uses form a spine through the core
- Athletics and Recreation are integrated in the Core in the proposed Athletics / Convocation Center and the proposed Football Stadium.
- Housing is provided along MLK and in the core.
PEDESTRIAN CIRCULATION

- Atkins Walk continues to be the major pedestrian route through the Core of the campus
- Price Street converted to pedestrian-only (with the exception of service/emergency access)
- Sidewalk and crosswalk improvements along MLK help to strengthen the connection from Core Campus to West Campus and South Campus.
ACCESSIBILITY

- Where possible major routes will be designed with a gradual slope (<5%), avoiding the need for hand rails and landings and creating pathways that accommodate a range of abilities
- ADA-compliant ramps with slopes under 8.33% are introduced to overcome steep slopes adjacent to steps
- Accessible routes lead to enhanced accessible building entrances
OPEN SPACE

- New open space in front of Eller creates an inviting campus gateway
- Additional quads / lawns and improvements to existing landscapes provide spaces for social gathering, outdoor study, and large events
- Recreational lawns and athletics facilities are incorporated into the Core
- Enhanced plazas at key building entries allow for gathering between classes
- Improved landscaping along major circulation routes guide users through the campus and improve the image of the campus
VEHICULAR CIRCULATION & PARKING

- Reduced vehicular circulation in the Core (closure of Price St)
- Shared service and pedestrian roads in the Core
- Reduction of street parking along Success Way for improved pedestrian experience
- 3,275+ total parking spaces
DISTRICTS
CAMPUS DISTRICTS & ZONES

1. ACADEMIC ZONE
2. CAMPUS LIFE ZONE
3. FIRST YEAR EXPERIENCE ZONE
4. SOUTH CAMPUS RESIDENTIAL ZONE
5. ANDERSON CONFERENCE CENTER
6. LOWERY STREET ZONE
7. NORTH CAMPUS MIXED USE ZONE
8. CDI CONNECTOR

- CAMPUS CORE
- WEST CAMPUS
- SOUTH CAMPUS
- NORTH CAMPUS
- INNOVATION QUARTER
- CIVITAN PARK
ACADEMIC ZONE

PROJECTS
1. Eller Hall Renovation
2. Hall-Patterson Renovation & Expansion
3. Hauser Building Renovation & Expansion
4. Learning Commons
5. Reynolds Hall Renovation
6. O’Kelly Renovation

PROGRAM
• Liberal education
• Student-facing administration and services

ARCHITECTURE
• Respect historic Georgian style of existing Core buildings (Blair, Carolina, Eller)
• Hill Hall renovation provides an example of a successful reference to the historical style that also incorporates contemporary elements.
ACADEMIC ZONE

ACTIVE GROUND PLANE
• Create an active ground plane to make the learning environment more accessible through:
  • Focused renovations to academic buildings
  • Expanded shared learning space at entrances and along exterior walls
  • Blurred interior-exterior distinction and increased transparency

OPEN SPACE
• New open space at demolished Fine Arts site connects Library to academic buildings
• Renovated open space at Hall-Patterson rear court
• Renovated open space at Reynolds Center entrance
RAMS DRIVE GATEWAY
CAMPUS LIFE ZONE

PROJECTS
1. Basketball Arena and Convocation Center
2. Football Stadium
3. O’Kelly Library Renovation
4. Residence Hall
5. Student Life Building
6. Thompson Renovation for Lounge

PROGRAM
• Athletics & Recreation
• Student Life
  • Social Learning @ O’Kelly Library
  • University Lounge @ Thompson

ARCHITECTURE
• Contemporary style contributes to the vibrancy and energy of the district
• Design for Athletics / Convocation Center and Football Stadium will respond to style of the Campus Core
CAMPUS LIFE ZONE

ACTIVE GROUND PLANE
- Focus on social and active interaction
- Interior spaces where students socialize are visually connected to exterior spaces

OPEN SPACE
- Recreation spaces support collegiate sports
- Greek plots relocated south of Proposed Athletics / Convocation Center
- Space by new residence hall offers outdoor spill out for events and activities
Renovated library with new café and social space spilling out to Pegram Green
CAMPUS LIFE ZONE: SITE SECTION
WEST CAMPUS

PROJECTS
1. Health Sciences & Mixed Use Building 1
2. New Sciences Building
3. Academic Buildings 1 & 2
4. Health Science & Mixed Use Building 2
5. Parking Garage

PROGRAM
• Undergraduate science programs
• Graduate Health Sciences programs

ARCHITECTURE
• Aspirational and contemporary architecture
  • More transparency
  • Contemporary materials
WEST CAMPUS

ACTIVE GROUND PLANE
• Outdoor rooms between buildings allow for a more active ground plane
• Areas along MLK buffer district from high traffic volume
• Internalizing building connections provides protected pedestrian movement

OPEN SPACE
• Entry garden/plaza at New Science Building
• Improved streetscape and site planting

INTERIOR PUBLIC REALM

SHARED LEARNING ENVIRONMENTS

EXTERIOR PUBLIC REALM – PEDESTRIAN

EXTERIOR PUBLIC REALM – LANDSCAPE
FIRST YEAR EXPERIENCE ZONE

PROJECTS
1. Atkins Residence Hall Renovation
2. Martin-Schexnider Expansion
3. Residence Hall

PROGRAM
• First year residence halls
• First year support

ARCHITECTURE
• Respect the historic Georgian style of surrounding buildings
ACTIVE GROUND PLANE
• Respond to topographic challenges with accessible routes
• Public portions of residence halls face newly created quad

OPEN SPACE
• Creation of major residential quad through building siting
• Proposed amphitheater at western end of quad takes advantage of existing grades
**SOUTH CAMPUS**

**PROJECTS**
1. Pedestrian Bridge
2. Parking Garage

**PROGRAM**
- Conference and Events
- Upperclassmen Residences

**ARCHITECTURE**
- Respect the historic Georgian style of the Campus Core
- Showcase the university’s mission for a sustainable campus through solar panels and other sustainable building elements

![Map of South Campus with proposed buildings and colors for different areas]
SOUTH CAMPUS

ACTIVE GROUND PLANE
- Internal building connections and a grade-separated street crossing provide cross-campus connections

OPEN SPACE
- Improved landscapes along circulation corridors
- New residential entry plazas and landscapes

INTERIOR PUBLIC REALM

SHARED LEARNING ENVIRONMENTS

EXTERIOR PUBLIC REALM – PEDESTRIAN

EXTERIOR PUBLIC REALM – LANDSCAPE
PROJECTS
1. North Campus Gateway Center

PROGRAM
• Mixed-Use
• Administrative and Support

ARCHITECTURE
• Architectural language as a gateway to the campus from the abutting East End Neighborhood
• Proposed mixed use buildings can adopt a more contemporary architectural style given the planned future for this area by the city
**ACTIVE GROUND PLANE**
- Renovated Union Station and the recommendations of the East End Master Plan offer opportunities for active ground floor retail, including food and beverage service
- New buildings in this district that front MLK Drive should have active, accessible, and transparent ground floors

**OPEN SPACE**
- focused on the pedestrian experience and connection between this district, the West Campus, and the Campus Core
DISCUSSION