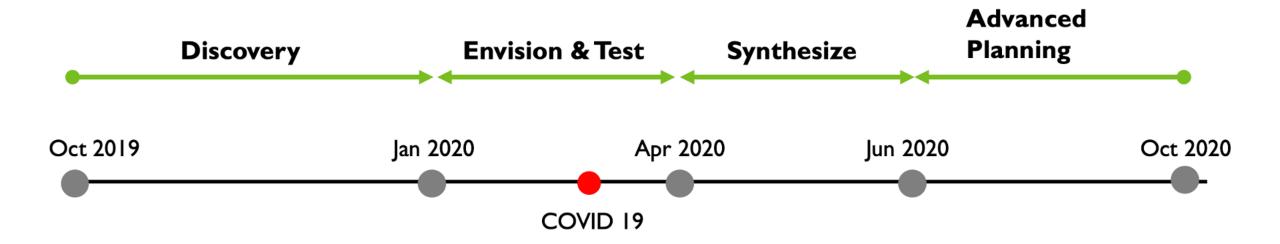
Missouri S&T 2020 Campus Master Plan

September 2, 2021



Process





Strategic Priorities

- 1. Recruitment and Retention (12,000)
- 2. Research, Innovation and Entrepreneurial Thinking (Carnegie R1)
- 3. Ranking and Recognition (Top 100)



Campus Engagement

- Steering Committee Meetings
- Advisory Committee Workshops
- Focus Groups
- Stakeholder Interviews
- Intercept Interviews
- Online Campus Life Survey





Key Drivers

Program Drivers

- Space Needs Assessment
- Campus Life Survey and Demand Analysis
- Space Utilization Analysis

Physical Drivers

- Facility Condition
- Access, Connectivity and Wayfinding
- Infrastructure
- Site/Topography and Land Use



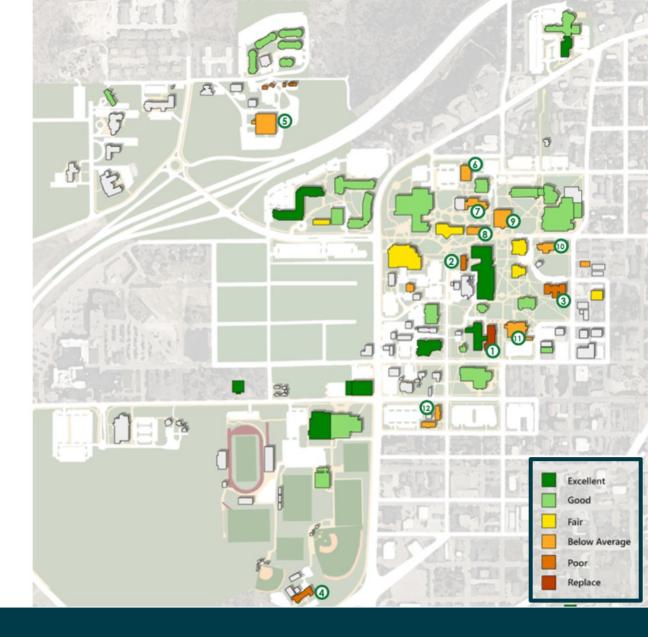
Facility Condition

Replacement Recommended (FCNI > 0.60):

1. Schrenk Hall East (Schrenk Hall Phase III)

Poor Condition, Total Renovation Indicated (FCNI 0.60 – 0.51):

- 2. Harris Hall
- 3. Interdisciplinary Engineering Building
- 4. Rock Mechanics Building

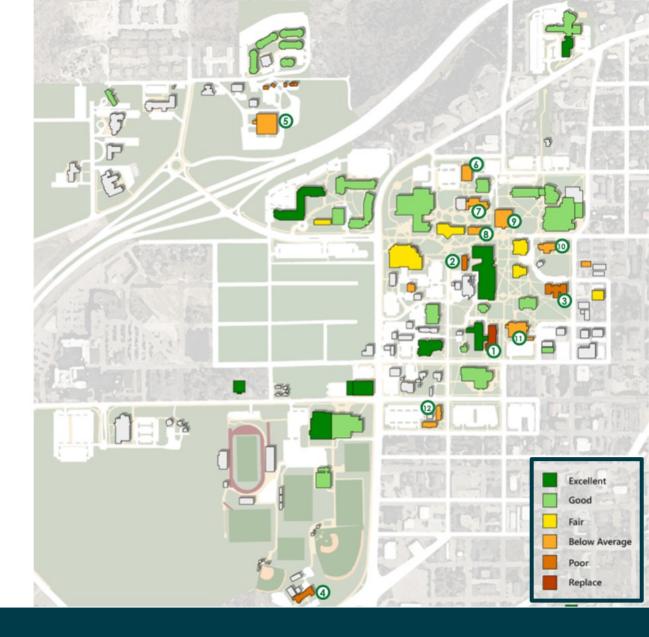




Facility Condition (cont.)

Below Average, Major Renovation Required (FCNI 0.50 – 0.31):

- 5. General Services Building
- 6. Engineering Research Lab
- 7. Computer Science Building
- 8. Humanities and Social Sciences Building
- 9. Curtis Laws Wilson Library
- 10. Physics Building
- 11. Centennial Hall
- 12. Altman Hall



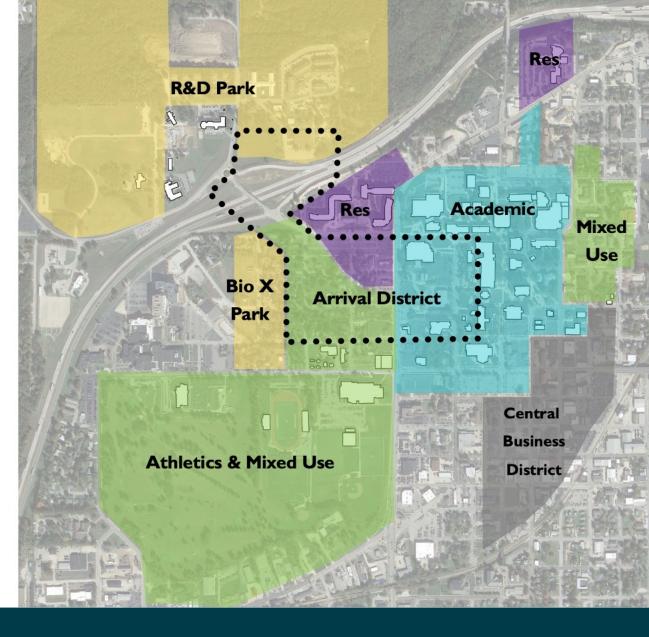


Planning Principles

- 1. Improve Campus Experience for All
- 2. Improve Existing Space
- 3. Improve Campus Connectivity and Safety
- 4. Create Space for Strategic Growth and Partnerships



Campus Framework

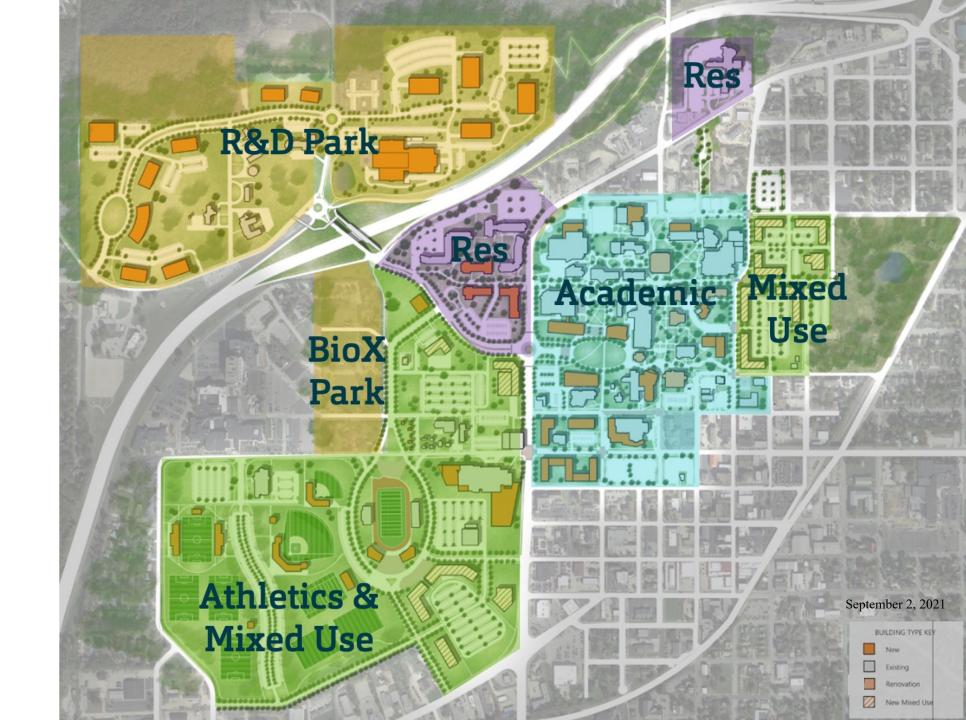




2020 Campus Master Plan

Major Themes:

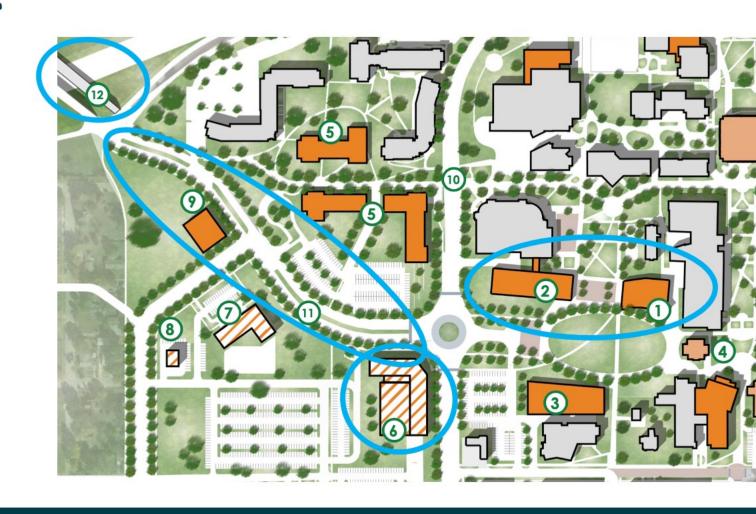
- Arrival
- Connections
- Partnerships



Arrival District

Master Plan Building Projects:

- Welcome Center
- 2. Innovation Lab (formerly Student Experience Center)
- 3. Future Building (Bio X)
- 4. Rolla Hall Renovation
- 5. Future Housing and Student Life Facilities
- 6. Hotel and Conference Center & Parking
- 7. Childcare Center
- 8. Small Retail
- Future Building
- 10. 63 Pedestrian Underpass
- 11. University Drive Realignment
- 12. New Pedestrian Bridge and Landscaping





















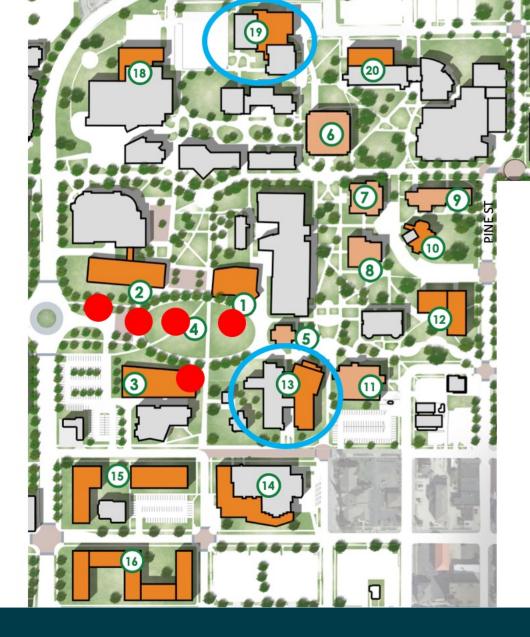
Academic

Master Plan Building Projects

- 1. Welcome Center
- 2. Innovation Lab (formerly Student Experience Center)
- 3. Future Building
- 4. Subsurface Parking Structure
- 5. Rolla Hall Renovation
- 6. Curtis Laws Wilson Library Renovation
- 7. Fulton Hall and Physics Renovation
- 8. Parker Hall Renovation
- 9. Physics Renovation
- 10. Nuclear Engineering Building Addition
- 11. Centennial Hall Renovation
- 12. IDE Replacement Building
- 13. Schrenk Hall Phase III
- 14. Castleman Hall Addition
- 15. Future Academic Building(s)
- 16. Future Student Housing
- 18. McNutt Hall Addition
- 19. Engineering Research Lab Renovation
 - and Addition
- 20. Emerson Hall Addition

Planned Demolition Projects

- Bureau of Mines Building 1
- Bureau of Mines Building 2
- Bureau of Mines Building 3
- Power Plant
- Campus Support Facility





Athletics and Recreation District

Master Plan Projects

- Eight Lane Stretch Pool, (2) Multi Athletic Courts and Rec Cross Training
- Football Lockers and North Gateway and Plaza new press box, restrooms & elevator, South Plaza New Baseball Stadium
- **New Softball Stadium**
- New Soccer Stadium (Grass)
- New Field Events Field/Multipurpose (Grass) Intramural & Club Fields (both Turf)
- **Mixed-Use Development**
- **Support Facility**
- Heavy Throws Field (Grass)
 Surface Parking
- 11.
- One Mile Walk-Run Path 12.
- 13. **Intramural & Band Practice (Turf)**
- 14. Stormwater Management Zone

- Enabling ProjectsRelocate Solar Homes
- Rock Mechanics Building Replacement Demo Rock Mechanics/Explosives Building Student Health Center Replacement





Research and Development Park

Master Plan Projects

- 1. Protoplex (formerly Systems Integration and Prototype Development Facility)
- 2. R&D Park Future Facilities
- 3. New General Services Building

Enabling Projects

- General Services Replacement
- Dangerous Materials Storage Facility Replacement
- Demolition of Three Smaller Support Facilities
- Infrastructure Upgrades

Resulting Projects

Miner Village Replacement Housing





Missouri S&T 2020 Campus Master Plan

