COLLEGE VISION

We imagine a future in which all communities are designed for resiliency and empowered to maximize their social, economic, and environmental well-being.

STRATEGIC GOAL

Expand support for resilience-centered research, teaching and creative activity.
1. Architecture*
2. Construction Science*
3. Environmental Design
4. Interior Design
5. Landscape Architecture*
6. Regional and City Planning*
7. Urban Design (Tulsa)
8. Planning Design & Construction PhD
DIVISION OF ARCHITECTURE

• Resilient structural design

• Residential Framing Shear Walls
DIVISION OF CONSTRUCTION SCIENCE

• BIM (Building Information Modeling)
  • Facility management
  • Asset management
  • Space Management and Tracking
  • Emergency Management/Disaster Planning
  • Existing Conditions Modeling

• Occupational Safety (review & training)

• Instructional Design
DIVISION OF CONSTRUCTION SCIENCE

• Construction Project Management

• Lean Construction
  • A3 (problem solving & precise communication)
  • Value Steam Mapping (identification and reduction of waste)
  • Choosing by Advantage (unprejudiced decision making)
  • Collaborative Planning

• Best Value Procurement (attracting and managing high performers)
• Southern Great Plains green roofs
  • Vegetative roofing systems

• Storm water management strategies for catastrophic rain events
DIVISION OF REGIONAL AND CITY PLANNING

• Transportation (Mobility) Systems Planning

• Food Systems Resiliency

• Base/Community Land Use Plans & Analysis

• Emergency/Short Term Housing
DIVISION OF REGIONAL AND CITY PLANNING

• Core Infrastructure resiliency
  • Emergency Management Plan

• Resiliency and the Aged
  • Secure & ensure housing, transport, food, Rx, utilities

• Urban Design to Mitigate Event Impacts (terrorism)
QUESTIONS?