



*2020 Sample Schedule**

June 12 – June 21, 2020

Day One Arrival of Scholars

Program Welcome & Scholar Activities
Conference Expectations
Introduction to Program Projects
Opening Keynote: Greener Cleaner Houston

Day Two Design Thinking

Rice Faculty Lecture – Design Thinking
Biodiversity Field Observation: Identifying the Problem
Specialty Workshop I — Shannon/Simpson Diversity Index
Case Study: PAIRIN

Day Three Biodiversity

Rice Faculty Lecture — Data Collection Methods
Biodiversity Field Observation: Define Experimental Parameters
Specialty Workshop II — Rice University Campus Observations
Biodiversity Field Observation: Campus Data Review
Case Study: Career Profiles

Day Four Field Observations

Biodiversity Field Observation: Initial Findings
Field Work: Houston Arboretum
Biodiversity Field Observation: Collect & Review Data
Evening with the Experts

Day Five Sustainable Development

Biodiversity Field Observation: Conclusions
Rice Faculty Lecture — Materials and Design
Case Studies: Sustainable Design
Specialty Workshop III — Prototype Green Campus Spaces

(continued on reverse)

Day Six National Parks City
Rice Faculty Lecture — Carbon Sequestration
National Parks City: Understanding the Criteria
Rice Faculty Lecture — Defining Sustainable Development
Field Work: Harris County Bioswale Project
National Parks City: Assessing Houston

Day Seven Urban Planning
Rice Faculty Lecture — Urban Planning
National Parks City: Prototyping Rice University
Specialty Workshop IV — Water Quality & Human Health
National Parks City: Prototype 2030
Case Studies: Social Issues of Sustainability

Day Eight Career Navigation
National Parks City: 2030 Feedback
Panel Discussion — Innovations in 21st Century Design
Rice Faculty Lecture — Admissions
Specialty Workshop V — Prototype Houston
Social: Kemah Boardwalk

Day Nine Closing Activities
Skills Workshop: Presentation Skills
Simulation: Present Findings
Maker Portfolio: Edits and Final Presentation
Closing Keynote: Future Forecast for the Environment

Day Ten Departure of Scholars