ARCH 384

Architectural Design IV

Nancy Cheng, Jim Givens, Tom Hahn, Megan Haight, Landry Smith

Studying the beauty of Nature can inspire architectural design that is place-specific and ecologically sensitive. The interaction of sun, wind and water have shaped the land, creating specific environmental conditions where local plants and animals thrive. Students will work with these natural elements to create a sustainable lakeside building, sculpting the land to create outdoor spaces and gracefully guide water. Historic and contemporary building examples will be analyzed to understand underlying principles.

In coordinated sections, instructors will coach students in understanding site and program constraints, finding an appropriate design concept and then organizing spaces in 3D to address activity requirements, equipment dimensions and egress rules. The building section will play a major role in exploring long-span structure, daylighting and natural ventilation.