ARCH/LARCH/CRPLAN 5960: DESIGN COMPETITION

Kleit

This course focused on the HUD Student Planning and Design Competition (Graduate Students Only).

From HUD’s website: “The need for quality, affordable housing has never been greater. At its best, housing can help strengthen the social and physical fabric of communities and neighborhoods. It is the hope of HUD and PD&R that by initiating and funding this competition, a new generation will advance the design and production of livable and sustainable housing for low- and moderate-income people through research and innovation.....The IAH competition has been designed to replicate a real-life approach. Multi-disciplinary teams comprised of graduate students in architecture, planning and policy, finance and other areas will be asked to address social, economic, and environmental issues in responding to a specific housing problem developed by an actual public housing agency (PHA).

Team registration with HUD for the 2016 competition ends December 10, 2015. For more information, visit the HUD Challenge website.

This course is cross listed in Architecture, Landscape Architecture and City and Regional Planning.

2 credit hours

LARCH 2780/7890: LANDSCAPE ARCHITECTURE TOPICS SEMINAR

Title: Trot Seminar: Experimental Forests

Experimental forests are employed worldwide to to conduct experiments on ecological systems and to increase productivity in silviculture. In the Swedish Landscape Laboratories in Alnarp, Sweden, students and faculty study both qualitative and quantitative aspects of forests. In this seminar-workshop, led by Sarah Cowles and Trott Distinguished Visiting Professor Roland Gustavsson of The Swedish University of Agricultural Science, we will study Gustavsson’s work in the Landscape Laboratories of Scandinavian. We will visit local forests of different biotopes to observe composition, species, and atmosphere. Participants will assist with the production of an exhibition of Gustavsson’s work at the Swedish Landscape Laboratory that will be held in conjunction with the upcoming symposium "This Is a Test: Gardens, Prototypes, and Other Sites for Research". Participants will also develop concepts for such an experimental forest in sites on the Ohio State campus.

3 credit hours

LARCH 2780/7890: LANDSCAPE ARCHITECTURE TOPICS SEMINAR
Title: Glimcher Seminar
Description to be announced.

3 credit hours

LARCH 4410/7410: ADVANCED LANDSCAPE TECHNOLOGIES

Malmstrom

Title: Parametric Surfaces

Within parametric design lies the ability to explore an infinite number of design solutions with any given set of variables. So what happens when this design process meets the very surfaces we interact with on a daily basis? This seminar seeks to break down and explore existing projects utilizing parametric design techniques gaining a further understanding of their constructs while also allowing students to implement similar methods within their own studio designs.

Utilizing the Grasshopper interface within Rhino 5.0, students will begin by replicating a series of contemporary case-study projects employing the parametric design software. These projects range in scale from large topographies such as Eisenman’s Memorial to the Murdered Jews of Europe to facade studies such as Herzog & De Meuron’s Signal Box and more. After understanding each case-study, students will then take the project further as they propose their own modification to the parametric definition resulting in an altered version of the original project. The course will culminate in the fabrication of one these modified systems utilizing the school’s various prototyping and fabrication equipment.

Prerequisite: Beginner/Intermediate knowledge of Rhino 5.0

3 credit hours

LARCH 7890: SEMINAR IN LANDSCAPE ARCHITECTURE

Meijerink

Title: 2016 Glimcher Seminar

The 2016 Glimcher Seminar is a hybrid course, situated between theory and practice. Over the course of the semester, students will establish a dialogue with renowned Lisbon landscape architect João Nunes and explore landscape materiality with Prof. Meijerink through reading, discussing, and making. The focused and intense interactions with João Nunes, who will present his work over a series of visits to Knowlton, and the experimental research directed by Paula Meijerink will result in an installation to open the symposium “This a Test! Landscape as Site for Research.”

3 credit hours