SPRING 2015
Graduate Landscape Architecture

ARCH/CRPLAN/LARCH 5960: DESIGN COMPETITION

Daniel

Title: Urban Land Institute (ULI) Hines Competition

This competition will ask students to work in multi-disciplinary design teams on a large-scale urban design project. The competition runs from January 10 - January 28. For more information, visit udcompetition.org.

Prereq: Open to graduate students only. Repeatable to a maximum of 9 cr hrs or 3 completions. Cross-listed in CRPlan, Arch and LArch.

2 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 façade 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