ARCH 6102| PROGRAM & ENVIRONMENT
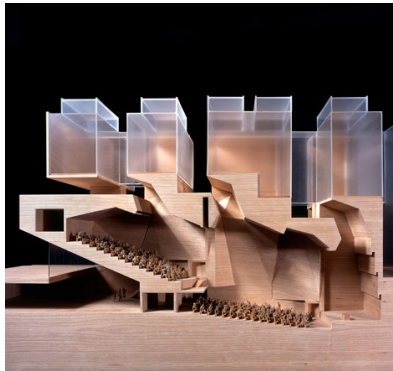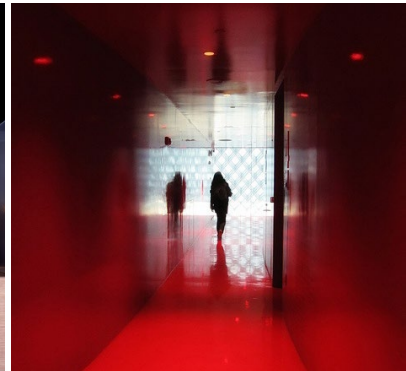
Architectural Design Studio
6 Credit Hours | Spring 2019
MWF 2:00pm - 5:30 pm
Instructor: Catty Dan Zhang

Prerequisites:
ARCH 6101
Co-Requisites:
ARCH 6603

Grafton Architects
UNIVERSITA LUIGI BOCCONI

OMA
Seattle Central Library

Premise
The 6102 studio continues the architectural investigation of fundamental knowledge and skills of form making; and challenges the design of spaces within complex urban conditions. Critically positioned between architectural tradition and the technological context, this studio tackles the intersection of multiple forces that shape the role of comple- mentary architectural discipline. In articulating program and environment as foundational parameters of architecture, students will engage in analytical processes that inform their design from innovative forms to sophisticated systems, as well as social and cultural mechanisms.

Method:
This studio encompasses two major architectural projects that share a basic conceptual consideration. Each of these two projects locates at a specific site in an urban area. Students will develop a series of prototypes of spatial concepts and material strategies, leading towards building proposals that challenge spatial, cultural, and environmental con- strains. Digital techniques are expected to be comprehensively used to facilitate design, fabrication, and representa- tion processes.

Objectives
· To expand and integrate skills developed in foundation studios on form, space and order into the precision of design and making sophisticated systems and assemblies.
· To understand the relationship between the human body and the architecture in urban context through prece- dent studies, selected readings, observations, visual experiments and physical prototypes.
· To convey abstract thinking into tangible spaces through intensive making exercises with highest level of craft.
· To develop digital techniques, and to syntheses digital and analog tools in design and representation.
· To develop architectural strategies for programing, circulation, and materiality.

Attendance:
Full attendance of each class is required. 2 unexcused absences will result in a lowering of your course grade by one letter; more than 2 unexcused absences constitute grounds for automatic failure of this course.

NAAB Criteria:
This studio will include content related to the following NAAB Student Performance Criteria:

A.4-Architectural Design Skills
B.1-Pre-Design