

Number & Title of Course: ARCH 492 Senior Design Thesis.

Course Description: Review and research of architectural theory and precedents related to the specific design option. Development of a thesis and a design project proposal. 3 seminars.

Program Goals & Course Outcomes

- Think critically and creatively about architectural problems.
 - Ability to raise clear and precise questions, use abstract ideas to interpret information, consider diverse points of view, reach well-reasoned conclusions, and test alternative outcomes (A2).
 - Ability to examine and apply the fundamental principles present in relevant precedents (A6).
 - Ability to prepare a comprehensive program for an architectural project (B1).
- Use a diverse range of skills including writing, speaking, drawing, and modeling to think about and convey architectural ideas.
 - Ability to write and speak effectively (A1).
- Synthesize a wide range of variable that contribute to an integrated design solution.
 - Understanding the research methods used during the design process (C1).
- Engage in lifelong learning as a professional.
 - Ability to gather, assess, record, and comparatively evaluate relevant information (A3).

Student Performance Criteria Addressed

A1 Professional Communication Skills

A2 Design Thinking Skills

A3 Investigative Skills

A6 Use of Precedents

B1 Pre-Design

C1 Research

Topical Outline

Architectural theory and precedent research (30%)

Problem statement development (30%)

Site selection, documentation, and analysis (20%)

Programming (5%)

Graphic design (15%)

Prerequisites: ARCH 451, 452 and 453. Concurrent with ARCH 481 in fall quarter.

Textbooks/Learning Resources: Varies by design topic; see syllabi.

Offered: Fall annually.

Faculty Assigned: Carolina Dayer (Lecturer), Tom Di Santo (Associate Professor), Jonathan Foote (Lecturer), Doug Jackson (Associate Professor), Ansgar Killing (Lecturer), Karen Lange (Professor), Jonathan Reich (Professor), and Sandy Stannard (Professor).