**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).