



UG2 . Architectural Design Studies
Crew Boathouse on the Huron River

Taubman College of Architecture & Urban Planning
University of Michigan

ARCH 322
W 2020
2:00–5:50 pm
M, W, F

Jen Maigret (coordinator)	maigretj@umich.edu
Steven Lauritano	stvelau@umich.edu
Ana Morcillo Pallares	anmorcil@umich.edu
Neal Robinson	rbneal@umich.edu
Joel Schmidt	jtschmid@umich.edu

Course Overview

As a continuation of Arch 312, this course focuses on the social and physical contexts in which we build, how people perceive the urban environment, how buildings fit contextually into existing circumstances, and how outdoor spaces relate to built forms. The work to be undertaken includes both analysis of existing examples and synthesis incorporating the many dimensions of architectural environments in design. The course concludes with a design of a building of modest scale and complexity.

This course will focus on developing the following skill sets:

1. Students will learn how to understand existing topographic conditions and how to propose alterations (cut / fill) that contribute to the design of a site and a building's relationship to it.
2. Students will learn how to analyze environmental conditions (light, climate, water levels along the edge of a river) and will demonstrate this understanding in a building proposal (rowing center / crew boathouse) that provides natural light, seasonal flexibility of climate controlled spaces and sensitive siting along a river's edge.
3. Students will learn how to study examples of similar buildings relative to how each example is sited, programmatically organized, spatially organized and constructed and demonstrate this understanding in a graphic format.
4. Students will learn how to develop design proposals with a given program (rowing center / crew boathouse) and will demonstrate this understanding at three scales in drawing form : the scale of an individual boat, the scale of the rowing center and that of the site, including a boat launch.