



Student Learning Outcomes

College: Arts + Architecture

Department: School of Architecture

Degree Program: Master of Architecture

- 1) Students will demonstrate proficiency in Design Fundamentals. Proficiency will be assessed for:

Part 1: Visual Communication Skills Ability to use appropriate representational media, such as traditional graphic and digital technology skills, to convey essential formal elements at each stage of the programming and design (NAAB Architecture Accreditation Criterion A.3).

Part 2: Ordering Systems Skills Understanding of the fundamentals of both natural and formal ordering systems and the capacity of each to inform two and three-dimensional design (NAAB Architecture Accreditation Criterion A.8).

- 2) Student will demonstrate proficiency in Comprehensive Project Building Technology Development and Integration. Proficiency will be assessed for:

Part 1: Structural Order: The ability to design a fundamental structural systems, its hierarchy, and element spacing for the Comprehensive Architectural Project.

Part 2: Material / Construction System Design: The ability to design an exterior wall system for the Comprehensive Architectural Project, including its materials, layering, and connections, from the building's foundation to the roof.

Part 3: Structural / Material / Construction Systems Integration: The ability to advance the design of the Comprehensive Architectural Project in response to the influence of the structural, material, and construction technology design decisions.

- 3) Student will demonstrate proficiency in Architecture Technology Fundamentals: Structural Systems.
- 4) Student will demonstrate proficiency in facets of Thesis Research. Proficiency will be assessed for:

Part 1: Case Study Analysis: Ability to examine and comprehend the fundamental principles present in relevant precedents and to make choices regarding the incorporation of such principles into architecture and urban design projects (NAAB Architecture Accreditation Criterion A.7).

Part 2: Bibliographic Research: Ability to gather, assess, record, apply, and comparatively evaluate relevant information within architectural coursework and design processes (NAAB Architecture Accreditation Criterion A.5

- 5) Student will demonstrate proficiency in Architecture Technology Fundamentals: Environmental Systems. Proficiency will be assessed for:

Environmental Systems: Understanding the principles of environmental systems' design related to Architectural Heating, Architectural Cooling and Architectural Lighting