

School of Architecture and Planning Landscape Architecture, MA

Broad Learning Goals

- A. Verbal and Writing Skills
- B. Collaborative Skills
- C. Graphic Skills
- D. Research Skills
- E. Critical Thinking Skills
- F. Design Skill & Knowledge
- G. Human Process and Form
- H. Natural Process and Form
- I. Site Planning
- J. Landscape Construction
- K. Professional Practice

Student Learning Outcomes

- A1. Students will be able to speak coherently and effectively on subject matter contained in professional curriculum and in articulating design ideas.
- A2. Students will be able to write clearly to express ideas, positions and critical commentary.

- B1. Students will be able to identify and assume divergent roles that maximize individual talents, and cooperate with other students when working as members of a design team and in other settings.
- C1. Students will be able to employ appropriate representational media to convey and communicate essential information at each stage of the design process.
- C2. Students will be able to use digital technology in effective ways to represent and communicate design ideas.
- D1. Students will be able to identify and employ coherent methods of data collection and analysis to inform all aspects of investigation and design synthesis.
- E1. Students will be able to reflect on landscape architecture as a discipline that operates in the context of social, cultural, environmental and aesthetic theory.
- E2. Students will be able to develop analytical skills in reading and assessing landscape.
- F1. Students will understand the fundamentals of visual perception and the systems of order that inform the three dimensional design of outdoor places.
- F2. Students will understand spatial language of the landscape which enables human habitation and interaction at individual, social and cultural levels.
- F3. Students will be able to design as a process of reflection and experimentation.
- F4. Students will understand the design of landscape as an integration of environmental and cultural processes.
- F5. Students will understand comprehensive landscape architectural design from schematic design through the detailed development of programmatic spaces, landscape construction materials, assemblies and systems.
- G1. Students will understand the theories and methods of inquiry that seek to clarify the relationships between human behavior and the physical environment.
- G2. Students will understand how landscapes have emerged throughout human history within the context of various systems of values, beliefs and thought.

- G3. Students will understand the idea of the cultural landscape and the diversity of needs, values that characterize different cultures and social groups.
- G4. Students will understand urban design principles and theory.
- H1. Students will understand the natural processes that give form to the environment and the ability to interpret and use these to inform the design process.
- H2. Students will be able to identify the indigenous and horticulturally available species, the environmental conditions needed for them to thrive, the complexity of associated species and the appropriate use of biotic materials in the design of a landscape.
- H3. Students will understand the basic principles and ethics of ecology, resource conservation and sustainability in landscape architecture at the urban, regional, and global levels.
- I1. Students will understand the basic factors that inform the design of a site including biophysical and cultural systems.
- I2. Students will learn assessment of client and user needs, a critical review of appropriate precedents, and an inventory and analysis of site conditions.
- I3. Students will be able to respond to natural and built site characteristics that reflect identity and context, in the development of a program and in the design of a site.
- J1. Students will learn the conventions, standards, applications, and restrictions pertaining to landscape construction.
- J2. Students will understand the appropriate application of landscape constructional systems and their resistance to potential human and natural destructive forces.
- J3. Students will be able to use technically precise drawings and specifications of a proposed design for purposes of review and construction.
- J4. Students will be able to use national and regional codes, regulations, and standards applicable to landscape design projects.
- K1. Students will understand the laws pertaining to professional registration, professional service contracts, international trade agreements, and the formation of design firms and related legal entities.
- K2. Students will understand the basic principles of office organization business planning and marketing as they apply to the practice of landscape architecture.

- K3. Students will understand the different methods of project delivery, the corresponding forms of service contracts, and types of documentation required to render competent and responsible professional service.
- K4. Students will understand the landscape architect's role in project management and contract administration.
- K5. Students will understand the ethical issues involved in the formation of judgments in environmental design and landscape architecture practice.