

LIGHTING DESIGN CERTIFICATE

UNIVERSITY OF WASHINGTON | DEPARTMENT OF ARCHITECTURE



The Lighting Certificate is intended to be integrated with the M. Arch 2+ & 3+ curriculum.



CORE COURSES 12 credits

- Arch 435 | Principles and Practices of Environmental Lighting (3)
- Arch 498 | Architectural Lighting Design (3)
- Arch 535 | Advanced Daylighting Seminar (3)
- Arch 582 | Computational Lighting Design (3)

CONTEXT COURSES 3 credits

- Arch 410 | Introduction to Architectural Photography (3)
- Arch 434 | Color and Light (3)
- Arch 589 | Simulation Based Design (3)
- Arch 600 | Independent Study (1-3) *

THESIS 9 credits

- Arch 700 | Thesis (9)

TOTAL 24 CREDITS

*as approved by faculty

The Lighting Design Certificate program focuses on the **integration** and application of light in architecture through exploration of **daylighting**, **electric lighting**, and **computational lighting analysis**.

Its purpose is to give students a comprehensive lighting education focusing on **sustainable** approaches to light in architecture.

The core knowledge areas that are covered include conceptual design, daylighting design, lighting metrics, lighting technology, computer modeling, lighting integration and site studies.

