MASTER OF ARCHITECTURE

While contemporary architectural practice is required to be increasingly integrative and responsive to environmental and social concerns, it is also being transformed by technological advances in visualization, simulation, and materials and fabrication. The School of Architecture at Rensselaer Polytechnic Institute is prepared to address these challenges through an emphasis on trans-disciplinary skills development and the application of the latest research and develop new ways of thinking about architecture. The School of Architecture at RPI is situated at a unique moment in history where a convergence of the arts, sciences, and technology enables architects and future leaders to confront the world in innovative and transformative ways.

ARCHITECTURAL ACOUSTICS

The School of Architecture offers the largest and most comprehensive program in Architectural Acoustics in North America. The program develops the knowledge and skills required for advanced consultancy, research, and teaching. Graduates are active in leading architectural practices worldwide and take positions at research centers and national laboratories. The PhD program provides a unique opportunity in architectural acoustics by generating scientific research for advanced work in room acoustics, psychoacoustics, acoustics and vibration measurement techniques, noise control, and facility acoustics. Research is supported by the National Science Foundation and other federal agencies. The program has an ongoing relationship with the National Institute of Standards and Technology (NIST) and the National Institute of Building Sciences (NIBS).

ELIGIBILITY

Applicants with a baccalaureate in any discipline are eligible for the program. Qualified applicants are considered for competitive, merit-based scholarships.

ARCHITECTURE

Architecture is situated at a unique moment in history where a convergence of the arts, sciences, and technology enables architects and future leaders to confront the world in innovative and transformative ways. The School of Architecture operates in a field increasingly recognized as having a significant impact on energy efficiency and the quality of life and health. The School of Architecture is the best-equipped university-based lighting and daylighting laboratory in the United States and offers a unmatched opportunity to work at the forefront of a field increasingly recognized as having a significant impact on energy efficiency and the quality of life and health.

GENERAL INFORMATION

Applications: First consideration is given to applications received by January 1st. Applications are made online at admissions.rpi.edu/graduate

CONTACT

For additional information please contact

Ethan Berninghughes, Senior Program Administrator
gradarch@rpi.edu / 518.276.3986.

LIGHTING

The Graduate Program in Lighting offers the premier masters and PhD degrees in lighting in the United States and offers an unmatched opportunity to work at the forefront of a field increasingly recognized as having a significant impact on energy efficiency and the quality of life and health.

CONTACT

For additional information please contact

Evan Douglis, Dean
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BUILT ECOLOGIES

The Graduate Program in Built Ecologies develops innovative building systems, structures, and ecologies informed by the behavior of natural systems and emerging technologies. The program creates multi-disciplinary systems and strategies that operate synergistically with larger ecologies. The Center for Architecture Science and Ecology (CASE) is a unique educational and research collaboration between Rensselaer Polytechnic Institute and Skidmore, Owings and Merrill, LLP (SOM). CASE is co-located at SOM in New York City and at Rensselaer’s campus in Troy, NY. Research at CASE addresses the need for radically improved, energy-efficient, and sustainable built environments. Current research includes integrated and distributed on-site energy harvesting, luminaires, storage and redistribution, bio-mechanical air filtration, and dynamic daylighting systems.

ELIGIBILITY

The Built Ecologies program attracts students with backgrounds in architecture and design, engineering, physics, biology, and ecology.

THE SCHOOL OF ARCHITECTURE