

# Master's Degree in Lighting

One-Year Master of Science Degree



## Earn the premier graduate degree in lighting from Rensselaer's Lighting Research Center

Apply for the **Master of Science in Lighting**, a one-year program **with guaranteed paid summer internship or research work** before graduation.

The Lighting Research Center's graduate degree in lighting is geared toward students with a background in engineering, physics, science, architecture, and related fields.

### About the Program

This unique and specialized degree in the field of lighting is a full time, Fall-Spring-Summer program in which students work closely with our faculty and lighting experts from the industry who serve as mentors during internship. Our multidisciplinary program allows students to explore their interests, conduct research, and prepare for a broad range of high-level careers or a doctoral degree.

### What Will I Learn?

Lighting is a multidisciplinary field that cuts across many areas. In this program, students learn a broad array of topics such as light sources, drive electronics, sensors and lighting controls, optics, thermal management and mechanics, measurement and quantification of lighting parameters, and how to start, lead, and manage a business. Our courses cover technology, lighting design, human factors, physics of light, and fundamentals of leadership and entrepreneurship. Students gain hands-on experience working with the latest technologies in a variety of applications, measurement equipment to characterize lighting products, and manufacturing equipment to 3D print functional lighting system components in our fully equipped state-of-the-art laboratories.

### Why Should I Apply?

The program includes a culminating experience through a master's project in collaboration with our expert faculty and mentors from our industry educational partners. LRC students often present their master's projects at international conferences and win industry awards.

#### Industry educational partners



#### LRC graduates can be found at these leading companies



### Who Should Apply?

The lighting degree program is geared toward students with a background in engineering, physics, science, architecture, and related fields. The prerequisite is a bachelor's degree or its equivalent from an accredited college or university.

### How Do I Apply?

Fall 2025 applications are now being accepted. Merit scholarships and discounted tuition are available to qualified applicants.

To apply visit the Office of Graduate Admissions website: <https://gradadmissions.rpi.edu/> or contact LRC faculty member Jean Paul Freyssinier at (518) 276-7146 or [freysj@rpi.edu](mailto:freysj@rpi.edu).