



Mayor's Office of Sustainability

Position Title: Net Zero Carbon Buildings Intern

Intern Job ID: 2035

Education Level: Undergrad and Graduate Students

The Mayor's Office of Sustainability (MOS) is seeking a Graduate Intern to analyze and project the carbon impact of Local Law 32 of 2018, Local Law 92 of 2019, and Local Law 94 of 2019 on buildings greater than 25,000 square feet in the years 2025 through 2030, and to develop recommendations for rulemaking or additional policies and programs to ensure that net zero carbon is realized in new buildings greater than 25,000 square feet by 2030 at the latest.

About the Office:

The Mayor's Office of Sustainability (MOS) is responsible for developing policies and programs to enhance the near-term and long-term sustainability of the City of New York, as outlined in the City's sustainability plan: One New York 2050: Building a Strong and Fair City (OneNYC). MOS is responsible for overseeing the goals outlined in OneNYC to make New York City the most sustainable large city in the world; achieve carbon neutrality; achieve Zero Waste to landfill by 2030; and improve New York City's air quality. MOS promotes the integration of sustainability goals and practices into the work of City agencies and the lives of New Yorkers.

About the Role:

In 2018, New York City adopted the Net Zero Carbon Buildings Commitment, which included a commitment to enact regulations and/or planning policy to ensure that all new buildings operate at net zero carbon by 2030 at the latest. Through Local Law 32 of 2018, all new buildings and substantial renovations in New York City will be built to a stretch energy code achieving a 20% improvement over the base code in 2019 and 2022 and buildings greater than 25,000 square feet will be required to meet very low energy design targets similar to Passive House in 2025. Through Local Laws 92 and 94 of 2019, all new buildings will be required to install solar PV or rooftops on all available roof space.

The NYC Mayor's Office of Sustainability is seeking a graduate intern to analyze the carbon impact of Local Law 32 of 2018, Local Law 92 of 2019, and Local Law 94 of 2019 on buildings greater than 25,000 square feet in 2025 through 2030, and to develop recommendations for rulemaking or additional policies and programs to ensure that net zero carbon is realized in new buildings greater than 25,000 square feet by 2030 at the latest.

Key tasks include:

- Building a model that projects the impacts of LL32, 92, 94 on large new buildings
- Identifying and incorporating external datasets as necessary

- Conducting a literature review and stakeholder interviews to identify policy and program options
- Developing recommendations for rulemaking and/or new policies and programs that put NYC on the path to meeting its Net Zero Carbon Buildings Commitment
- Providing as-needed policy analysis support to MOS team members.

Qualifications:

The candidate should be capable in quantitative analysis. Candidates pursuing graduate degrees in architecture, engineering, and/or finance and with a focus in sustainability are preferred. In addition, the candidate would be able to work across the technical verticals in the office, engage with other partners such as C40 and the Urban Sustainability Directors Network, and seek out new sources of data. The candidate would be expected to report on their recommendations to MOS staff. In addition, the candidate would support select time-sensitive policy projects on an as-needed basis.

Requested Skills:

- Graduate students in fields of architecture, engineering, finance, or related field
- Data cleaning, management, statistical and quantitative analysis
- Prior knowledge of sustainability and sustainability concepts, particularly in the design and construction space
- Experience collaborating and working with teams
- Ability to define data questions and seek out answers
- Strategic thinking and partnership development across stakeholder groups
- Inquisitive approach to problem solving
- In-depth knowledge of New York City preferred
- Candidates must be an enrolled and registered student accumulating credits. Matriculation at an accredited graduate school. Employment is conditioned upon continuance as a student in a graduate school.

Salary:

Undergraduate College Students: \$15.75 per hour

Graduate Students: \$17 per hour

To Apply:

Click on [Internship Candidate Application](#) and submit an application, resume, cover letter and essay.

New York City Residency Is Required Within 90 Days Of Appointment
The City Of New York And The Office Of The Mayor Are Equal Opportunity Employers