



Accepting Applications
Now for Fall 2021

Apply Here

Master's in Transportation

NYU offers a number of graduate degrees and advanced certificate programs designed to equip students with the skills needed to succeed in today's evolving transportation landscape.

- Diverse course offerings
- Ability to take courses at other NYU schools including Stern, Wagner, CUSP, Courant, & more
- Financial aid/assistance available

Master's in Transportation Planning & Engineering

Students are trained by an internationally renowned, award-winning faculty with expertise ranging from traditional traffic engineering to the latest state of the art in smart and connected cities, and alumni gain access to one of the biggest transportation job markets in the country. Graduates join the ranks of one of the oldest networks of transportation engineering alumni in the United States.

Master's in Transportation Management

The Transportation Management program is for a range of professionals, whether they seek to gain a better understanding of transportation domain fundamentals to support management roles, sharpen analytical techniques to make better decisions in operating complex transport systems and mobility services, or learn state-of-the-art data-driven methods to manage such systems.

Courses

- Intelligent Transportation Systems and Their Applications
- Travel Behavioral Informatics
- Urban Public Transportation Systems
- Data-driven Mobility Modeling & Simulation
- Fundamental Concepts in Transportation
- Traffic Operations & Control
- Management of Urban Traffic Congestion
- Forecasting Urban Travel Demand
- Urban Transportation & Logistics Systems

Experienced Core Faculty



Kaan Ozbay

Intelligent Transportation Systems, Modeling & Simulation, Connected and Autonomous Vehicles



John Falcocchio

Multimodal Networks, Transportation Planning and Congestion Management



Elena Prassas

Traffic Engineering, Transport Economics



Joseph Chow

Intelligent Transportation Systems, Travel Demand Analysis

Affiliated Faculty

Luis Ceferino
Civil & Urban Engineering

Semiha Ergan
Civil & Urban Engineering

Zhong-Ping Jiang
Electrical & Computer Engineering

Stanislav Sobolevsky
Center for Urban Science & Progress

Claudio Silva
Computer Science & Engineering

Elizabeth Henaff
Technology, Culture, & Society

Sarah Kaufman
Civil & Urban Engineering
Wagner School of Public Service

For more information and to apply visit:

<https://engineering.nyu.edu/academics/departments/civil-and-urban-engineering/graduate-programs/transportation-engineering/degrees>

Recent Graduates in the Transportation Field

Ziyi Ma (2020)

Research Intern at Mitsubishi Electric Research Labs

Namratha Murthy (2020)

Asst. Traffic Engineer, WSP

Srushti Rath (2019)

PhD student at NYU

Heba Omholt (2018)

Civil Analyst at Kimley-Horn

Tarj Shroff (2020)

Transportation Planning Intern, Phil Habib & Assoc.

Mengyun Li (2020)

Transportation Planner, Stantec

Nick Caros (2019)

PhD student at MIT

Lior Melnick (2018)

Transportation Analyst, VHB



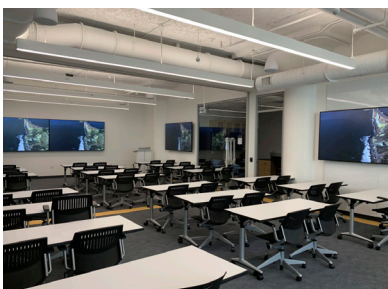
Ziyi Ma (2020)

Ziyi was the first student to declare NYU's Transportation Engineering Minor, and led a team to win the Microtransit Hackathon hosted by IATR in 2019. He was awarded an Eisenhower Graduate Fellowship and joined Mitsubishi Electric Research Laboratories as a research intern.

Award Winning Student ITE and ITS Chapters

NYU has both chapters, ITE students: The NYU student chapter of the Institute of Transportation Engineers, was selected from over 150 student chapters worldwide for both the Student Chapter Achievement Award and the Student Chapter Momentum Award, in recognition of the outstanding services the organization provided to its members this year. This is the first time a student club from New York State has won the international award. The NYU ITE Student Chapter Traffic Bowl Team won the 2020 ITE Northeastern Collegiate Traffic Bowl competition, an annual competition between ITE student chapter teams using transportation planning and engineering topics for clues, questions, and answers.

New State of the Art Lab Space



Working With C2SMART

NYU is home to the C2SMART USDOT University Transportation Center that uses cities as living laboratories to study challenging transportation problems and find solutions from the unprecedented recent advances in communication and smart technologies.

Learn more about C2SMART: <http://c2smart.engineering.nyu.edu/>



CONNECTED & AUTONOMOUS MOBILITY



RESILIENT, SECURE AND SMART TRANSPORTATION INFRASTRUCTURE



MICROTRANSIT, MICRO MOBILITY AND SHARED MOBILITY



BIG DATA & URBAN ANALYTICS IN SMART CITIES



EQUITY & ACCESSIBILITY FOR UNDERREPRESENTED GROUPS IN TRANSPORTATION



SAFETY OF PEDESTRIANS AND MOBILITY SYSTEMS

Real-World Projects

C2SMART student researchers work on real-world projects such as the USDOT NYC Connected Vehicle pilot, developing and installing a new smart roadway testbed along the Brooklyn-Queens Expressway (BQE) in Brooklyn with NYCDOT, and innovative projects with diverse agency and industry partners.

