INTRODUCTION

When you visit a skyscraper, go to a basketball arena or drive over a bridge, imagine having been part of the team that planned, designed and built it. Construction managers take ideas which exist only on paper or in computer files and turn them into reality. From the planning and design stages, through construction and even maintenance of such structures and facilities, construction managers orchestrate the evolution of our built environment.

Join our Bachelor of Science program in Construction Management and experience what it takes to be a part of the team. You’ll learn the fundamentals of engineering and current construction practice, as well as the legal, business and management aspects of those fields, such as cost estimating, scheduling and project management. We also introduce you to the latest advancements in construction research and innovation.

CURRICULUM

Our Construction Management curriculum combines the teaching of theory, case method analysis and working on projects and in teams. You'll discover how to collect and analyze information, assert authority and delegate responsibility. Site visits to actual construction projects under the guidance of knowledgeable mentors provide an opportunity to see and feel what is learned in the classroom and labs. Faculty share real-world business examples to demonstrate how general principles apply to actual practice in construction management. The culmination of the educational experience is a capstone project.

FACULTY

NYU Polytechnic School of Engineering faculty include dedicated, highly-qualified and respected professionals with extensive experience in industry, as well as academic researchers. They are deeply committed to your success and are readily available for advisement and guidance. You are also encouraged to participate in relevant research projects and business incubators alongside your School of Engineering classmates.

INTERNSHIPS

As a Construction Management student at the School of Engineering, you will benefit from our wealth of strong industry relationships. Real-world work experience is available through internships, summer and part-time employment, involvement in professional organizations and associated student chapters, including the Construction Management Association of America (CMAA), the American Society of Civil Engineers (ASCE) and the Society of American Military Engineers (SAME). The School of Engineering's Office of Career Services and Cooperative Education also supports these efforts.
FUTURE
Graduates from the School of Engineering’s Construction Management program have promising futures. You can look forward to exciting career opportunities in government and the private sector, alongside owners, developers, architects and engineers, construction managers, contractors and others involved in the construction industry. Recent alumni have gone on to work at Turner Construction, the Long Island Rail Road, Hill International, URS Corp., Skanska, Jacobs Engineering, and the Architect of the Capitol.

COURSE DISTRIBUTION
Coursework in the Bachelor of Science in Construction Management program requires 128 credits of coursework, which includes the following:

Areas of Concentration
• General Education and Humanities, including Writing-Intensive Courses
• Mathematics and Science
  Chemistry
  Physics
  Calculus
  Data Analysis
  Computer Science
• Engineering Fundamentals
  Introduction to Engineering and Design
  Statics and Mechanics of Materials
• Construction Management
  Leadership in Construction Management
  Building Information Modeling
  Construction Methods and Materials
  Construction Documents and Administration
  Contracts and the Law
  Estimating and Scheduling
  Site Planning and Surveying
  Structural and Non-structural Systems
• Business and Management
  Economics, Accounting and Finance

For more information please contact:
NYU Polytechnic School of Engineering
Six MetroTech Center
Brooklyn, New York 11201
718.637.5955
admissions@nyu.edu
engineering.nyu.edu/admissions