Smart Cities

Core in the area of Mechanics and Materials combined with a Computer Science (CS) Minor

General Department Requirements (GDR)
Core (CORE)
Course 6 Minor (6M)
Restricted Elective (RE)
Unrestricted Electives (UE)
Humanities, Arts, and Social Sciences (HASS)

	FALL	REQ	SPRING	REQ
Sophomore	18.03 Differential Equations (12) 1.000 Computer Programming for Engineering Applications /OR/ 6.00 Introduction to Computer Science /OR/ 6.0001+6.0002 (12) 1.101 Introduction to CEE Design I (6) 1.050 Solid Mechanics (12) HASS (12)	GDR GDR 6M 6M CORE CORE	1.060A Fluid Mechanics I (6) 1.102 Introduction to CEE Design II (6) 1.036 Structural Mechanics and Design (12) 1.035 Mechanics of Materials (12) HASS (12)	CORE CORE CORE CORE
Junior	1.010 Probability and Causal Inference (12) 6.008 Introduction to Inference (12) HASS (12) 6.036 Introduction to Machine Learning (12)	GDR 6M/UE 6M/UE	1.074 Multivariate Data Analysis (6) 6.08 Intro to EECS via Interconnected Embedded Systems (12) 1.00 Engineering Computation and Data Science (12) 6.042 Mathematics for Computer Science (12) HASS (12)	GDR RE RE 6M/UE
Senior	6.006 Introduction to Algorithms (12) 6.009 Fundamentals of Programming (12) 1.075 Water Resource Systems (12) HASS (12)	6M 6M/UE RE	1.013: Senior Civil and Environmental Engineering Design (12) 1.020 Engineering Sustainability: Analysis and Design (12) 1.041 Transportation Systems Modeling (12) HASS (12)	GDR RE RE

Up to 24 units of the Course 6 minor classes can double count as requirements for Course 1
Please contact cee-apo@mit.edu if you have any questions.