



## Environmental Modeling Analytics Track

Core in the area of Environment 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
<b>Sophomore</b>	18.03 Differential Equations (12) 1.010 Uncertainty in Engineering (12) 1.000 Computer Programming for Scientific & Engineering Applications /OR/ 6.00 Introduction to Computer Science /OR/ 6.0001+6.0002 (12) 1.018A Fundamentals of Ecology I (6) HASS (12)	GDR GDR GDR 6M 6M CORE	1.080A Environmental Chemistry (6) 1.107 Environmental Chemistry & Biology Lab (6) 1.060A Fluid Mechanics (6) 6.042 Mathematics for Computer Science (12) 6.009 Fundamentals of Programming (12) HASS (12)	CORE CORE CORE 6M/UE 6M/UE
<b>Junior</b>	1.061A Transport Process in the Environment I (6) 1.070A Introduction to Hydrology and Water Resources (6) 1.106 Environmental Transport Processes and Hydrology Lab (6) 6.008 Introduction to Inference (12) HASS (12)	CORE CORE CORE UE	1.092 TREX (9+3) 1.089A Environmental Microbiology (6) 1.073 Introduction to Data Analysis (6) 6.006 Introduction to Algorithms (12) HASS (12)	CORE CORE GDR 6M
<b>Senior</b>	18.06 Linear Algebra (12) 1.022 Introduction to Network Models /OR/ 1.203 Applied Probability and Stochastic Models (12) 6.036 Introduction to Machine Learning (12) HASS (12)	RE RE RE 6M/UE	1.013: Capstone (12) 1.087 Ecological Dynamics and Modeling (12) 1.020 Engineering Sustainability: Analysis and Design (12) HASS (12)	GDR RE UE

Up to 24 units of the Course 6 minor classes can double count as requirements for Course 1

Please contact [cee-apo@mit.edu](mailto:cee-apo@mit.edu) if you have any questions.