Course 1-12 DEGREE SAMPLE ROADMAP

Sophomore Fall Start

SOPHOMORE YEAR	
FALL	**SPRING**
6.100A Introduction to Computer Science Programming in Python (6 units)	1.020 Engineering Sustainability (12 units)
6.100B Introduction to Computational Thinking and Data Science (6 units)	12.307 Weather and Climate Laboratory (12 units)
12.003 Introduction to Atmosphere, Ocean, and Climate Dynamics (12 units)	Restricted Elective (12 units)
18.03 Differential Equations (12 units)	HASS subject (12 units)
HASS subject (12 units)	

JUNIOR YEAR	
FALL	**SPRING**
1.010A Probability: Concepts and Applications (6 units)	1.086 Physics of Renewable Energy Systems and Computational Analysis (12 units)
1.010B Causal Inference for Data Analysis (6 units)	Restricted Elective (12 units)
1.073 Introduction to Environmental Data Analysis (6 units)	Restricted Elective (6 units)
Restricted Elective (12 units)	Unrestricted Elective (12 units)
Unrestricted Elective (12 units)	HASS subject (12 units)
HASS subject (12 units)	

SENIOR YEAR	
FALL	**SPRING**
1.067 Energy Systems for Climate Change Mitigation (12 units)	1.108 Climate and Sustainability Lab (12 units)
12.301 Climate Science (12 units)	12.349 Mechanisms and Models of the Global Carbon Cycle (12 units)
Unrestricted Elective (12 units)	Unrestricted Elective (12 units)
HASS subject (12 units)	HASS subject (12 units)

Sophomore Spring Start

SOPHOMORE YEAR	
FALL	**SPRING**
Unrestricted Elective (12 units)	6.100A Introduction to Computer Science Programming in Python (6 units)
Unrestricted Elective (12 units)	6.100B Introduction to Computational Thinking and Data Science (6 units)
HASS subject (12 units)	12.307 Weather and Climate Laboratory (12 units)
	18.03 Differential Equations (12 units)
	HASS subject (12 units)

JUNIOR YEAR	
FALL	**SPRING**
1.010A Probability: Concepts and Applications (6 units)	1.086 Physics of Renewable Energy Systems and Computational Analysis (12 units)
1.010B Causal Inference for Data Analysis (6 units)	1.020 Engineering Sustainability (12 units)
1.073 Introduction to Environmental Data Analysis (6 units)	Restricted Elective (12 units)
12.003 Introduction to Atmosphere, Ocean, and Climate Dynamics (12 units)	Restricted Elective (6 units)
Restricted Elective (12 units)	HASS subject (12 units)
HASS subject (12 units)	

SENIOR YEAR	
FALL	**SPRING**
1.067 Energy Systems for Climate Change Mitigation (12 units)	1.108 Climate and Sustainability Lab (12 units)
12.301 Climate Science (12 units)	12.349 Mechanisms and Models of the Global Carbon Cycle (12 units)
Restricted Elective (12 units)	Unrestricted Elective (12 units)
HASS subject (12 units)	HASS subject (12 units)

Junior Fall Start

SOPHOMORE YEAR	
FALL	**SPRING**
Unrestricted Elective (12 units)	Unrestricted Elective (12 units)
Unrestricted Elective (12 units)	Unrestricted Elective (12 units)
HASS subject (12 units)	HASS subject (12 units)

JUNIOR YEAR	
1.010A Probability: Concepts and Applications (6 units)	1.020 Engineering Sustainability (12 units)
1.010B Causal Inference for Data Analysis (6 units)	12.307 Weather and Climate Laboratory (12 units)
6.100A Introduction to Computer Science Programming in Python (6 units)	Restricted Elective (12 units)
6.100B Introduction to Computational Thinking and Data Science (6 units)	Restricted Elective (6 units)
12.003 Introduction to Atmosphere, Ocean, and Climate Dynamics (12 units)	HASS subject (12 units)
18.03 Differential Equations (12 units)	
HASS subject (12 units)	

SENIOR YEAR	
FALL	**SPRING**
1.067 Energy Systems for Climate Change Mitigation (12 units)	1.086 Physics of Renewable Energy Systems and Computational Analysis (12 units)
1.073 Introduction to Environmental Data Analysis (6 units)	1.108 Climate and Sustainability Lab (12 units)
12.301 Climate Science (12 units)	12.349 Mechanisms and Models of the Global Carbon Cycle (12 units)
Restricted Elective (12 units)	Restricted Elective (12 units)
HASS subject (12 units)	HASS subject (12 units)