Course 12 Major
Environmental Science Roadmap

Fall		IAP		Spring			
Courses (YR1)	**Units (YR1)**		**Units (YR1)**		**Units (YR1)**		
[GIR] Physics 1	12			[GIR] Physics II	12		
[GIR] Chemistry 5.111	12			[GIR] Calculus	12		
[GIR] Calculus	12			HASS	12		
HASS (CI-H)/CI-HW)	12			Elective	12		
						8	# subjects
						0	# subjects in major
						12	# units beyond GIRs
Courses (YR2)	**Units (YR2)**						
Hass (CI-H)	12			HASS	12		
[SUPPORTING;REST] 18.03 Differential Equations	12			[INTRO] 12.003 Introduction to Atmosphere, Ocean and Climate Dynamics	12		
[INTRO;REST] 12.004 Intro to Chemistry of Habitable Environments	12			[SUPPORTING] 1.080 Environmental Chemistry	12		
[COMPUTING] 6.100A (Intro to Comp Sci Programming in Python) AND 6.100B (Intro to Computational Thinking and Data Science)	12			[GIR] Biology 7.014	12		
						8	# subjects
						5	# subjects in major
						36	# units beyond GIRs
Courses (YR3)	**Units (YR3)**		**Units (YR3)**		**Units (YR3)**		
HASS	12			HASS	12		
[INTRO] 12.001 Introduction to Geology	12			[SUPPORTING] 18.05 Introduction to Probability and Statistics	12		
[Lab/Field (CI-M)] 12.335 Experimental Atmospheric Chemistry	12			Elective	12		
[CONCENTRATION] 12.385 Science, Politics, and Environmental Policy or 12.421 Physical Principles of Remote Sensing (odd)	12			Elective	12		
						8	# subjects
						4	# subjects in major
						60	# units beyond GIRs
Courses (YR4)	**Units (YR4)**						
12.TIP-Thesis Preparation	6			[CI-M] 12.THU-Undergraduate Thesis	12		
HASS	12			HASS	12		
[CONCENTRATION] 12.031 Fundamentals of Ecology or 12.301 Introduction to Climate Science	12			Elective	12		
[CONCENTRATION] 12.385 Science, Politics, and Environmental Policy or 12.421 Physical Principles of Remote Sensing (odd)	12			Elective	12		
Elective	6					8	# subjects
						3.5	# subjects in major
						72	# units beyond GIRs
						180	Total # units beyond GIRs