Planetary and Astrono	my Roadr	nap					
Fall		IAP		Spring			
Courses (YR1)	Units (YR1)		Units (YR1)		Units (YR1)	)	
[GIR] Physics I	12			[GIR] Physics II	12		
[GIR] Chemistry	12			[GIR] Calculus II	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		
[GIR] Biology	12			[INTRO] 12.002 Introduction to	12		
12, 2.0.09)				Geophysics and Planetary Science			
[INTRO;REST] 12.001	12			[INTRO] 12.003: Introduction to	12		
Introduction to Geology				Atmosphere, Ocean, and Climate			
initiodaction to declegy				Dynamics			
[SUPPORTING] 8.03: Physics III	12			[SUPPORTING;REST] 18.03:	12		
	'-			Differential Equations	'-		
				Dinordinal Equations			
						8	# subjects
						5	# subjects in major
						36	# units beyond GIRs
Courses (YR3)	Units (YR3)						
HASS	12			HASS	12		
[COMPUTATION] 12.010:	12			[SUPPORTING] 18.05 Introduction	12		
Computational Methods of				to Probability and Statistics			
Scientific Programming							
TOO NOTATED A TION IT	40			CONDENTED A TION II 40, 400 I	40		
[CONCENTRATION] 12.420/12.421: Essentials of	12			[CONCENTRATION] 12.402J:	12		
Planetary Science or Physcial				Introduction to Astronomy or Elective			
Principles of Remote Sensing							
•	10			<u> </u>	1.0		
[CONCENTRATION] 12.412 /	12			Elective	12		
12.425[J]: Meterorites,							
Cosmochemistry, and the Solar							
System Foundation / Extrasolar Planets: Physics and Detection							
Techniques							
recimiques						8	# subjects
					l	Ø	# subjects

				4	# subjects in major
				72	# units beyond GIRs
Courses (YR4)	Units (YR4)				
HASS	12	HASS	12		
12.TIP-Thesis Preparation	6	[CI-M] 12.THU-Undergra	duate Thesis 12		
[CONCENTRATION]	12	Elective (6) + [Concentra	ation] 12		
12.420/12.421: Physical		12.409: Hands on Astro	nomy (6)		
Principles of Remote Sensing or					
Essentials of Planetary Science					
[LAB CI-M] 12.410: Observational	15	Elective	12		
Techniques of Optical Astronomy					
Elective	6			8	# subjects
				4	# subjects in major
				60	# units beyond GIRs
				180	Total # units beyond GIRs
Notes:					
12.420 is offered in alternate year	S.				