

**Typical Academic Pathways for Course 16-ENG Students
Entering the Department in the Spring Term of the Sophomore Year
and Doing the 16.62x-16.83J Capstone**

Subject & Units	Institute Requirement	Units	Beyond	GIRS
1. Freshman Year				
<u>Fall Term</u>				
3.091 Intro to Solid-State Chemistry (12)	CHEM			
8.01-Physics I (12)	PHYS			
18.01-Calculus I (12)	CALC			
HASS (12)	HASS			
Term Units = 48				
<u>Spring Term</u>				
Elective (12)			12	
8.02-Physics II (12)	PHYS			
18.02-Calculus II (12)	CALC			
18.03 Differential Equations (12)	REST			
HASS (9), CI-H	HASS			
Term Units = 57				
2. Sophomore Year				
<u>Fall Term</u>				
16.001-Unified Engineering I (12)	REST			
16.002-Unified Engineering II (12)			12	
*6.0001 Intro to Computer Programming in Python, 6, REST (1/2)			6	
*6.0002 Intro to Computational Thinking & Data Science, 6, REST (1/2), 6.0001			6	
HASS (12), CI-H	HASS			
Term Units = 48				
<u>Spring Term</u>				
Concentration Subject #1 (12)			12	
Elective (12)			12	
HASS (12)	HASS			
HASS-D (12), CI-H	HASS-D			
Term Units = 48				
3. Junior Year				
<u>Fall Term</u>				
16.001-Unified Engineering I (12)			12	
16.002-Unified Engineering II (12)			12	
Elective (12)			12	
HASS-D (12)	HASS-D			
Term Units = 48				
<u>Spring Term</u>				
16.003-Unified Engineering III (12)			12	
16.004-Unified Engineering IV (12)			12	
Elective (12)			12	
HASS (12)	HASS			
Term Units = 48				
4. Senior Year				
<u>Fall Term</u>				
16.07-Dynamics (12)			12	
Concentration Subject #2 (12)			12	

* Students who entered Course 16 prior to Fall 2014 would have completed 1.00.

Concentration Subject #3 (12)		12
Concentration Subject #4 (12)		12
16.621 Experimental Projects I (6)		6
Term Units = 54		
<u>Spring Term</u>		
Concentration Subject #5 (12)		12
16.622-Experimental Projects II (12), CI-M	LAB	
16.83J Space Systems Engineering (12), CI-M		12
Concentration Subject #6 (12)		12
Term Units = 48		
TOTAL UNITS BEYOND GIRS		198

