

# Degree Map: A.S. Engineering Science

## Degree Information

Catalog Year: **2024 - 2025**

Plan: **Engineering Science AS**

Sub Plan: **None**

Required Credits: **61 - 70**

## General Requirements

Req GPA: **2.0**

Req Residential Credits: **30**

Req Liberal Arts Credits: **30**

Req Civic Engagement: **1**

Req Writing Intensive: **1**

1		2		3		4	
Session A		Session A		Session A		Session A	
COURSE	CRS	COURSE	CRS	COURSE	CRS	COURSE	CRS
ENG 1200	3	ENG 2400	3	EGR 2300	3	EGR 2200	3
CHM 1100*	4	CHM 1200	4	PHY 1400	4	Additional Math 4: MAT 2100 <sup>2</sup> , 5500 <sup>2</sup> , 5600 <sup>2</sup> , or CS 1200 <sup>2</sup>	3
CHM 100*	0	PHY 1300	4	Additional Math 2: MAT 2100 <sup>2</sup> , 5500 <sup>2</sup> , 5600 <sup>2</sup> , or CS 1200 <sup>2</sup>	3	Additional Math 5: MAT 2100 <sup>2</sup> , 5500 <sup>2</sup> , 5600 <sup>2</sup> , or CS 1200 <sup>2</sup>	3
MAT 1500 <sup>1</sup> (NEED MIN. GRADE C+)	3	EGR 2100	3	Additional Math 3: MAT 2100 <sup>2</sup> , 5500 <sup>2</sup> , 5600 <sup>2</sup> , or CS 1200 <sup>2</sup>	3	Choose 1: Flexible Core U.S. Experiences in Its Diversity	3
Choose 1: Flexible Core Individual and Society	3	Additional Math 1: MAT 1600 <sup>2</sup> (NEED MIN. GRADE C)	3			Additional Math 6 <sup>^</sup> : MAT 2100 <sup>2</sup> , 5500 <sup>2</sup> , 5600 <sup>2</sup> , or CS 1200 <sup>2</sup>	3
Session B		Session B		Session B		Session B	
COURSE	CRS	COURSE	CRS	COURSE	CRS	COURSE	CRS
Choose 1: Flexible Core World Cultures & Global Issues	3	Choose 1: Flexible Core Creative Expression	3				
<b>SEMESTER CRS: 16</b>		<b>SEMESTER CRS: 20</b>		<b>SEMESTER CRS: 13</b>		<b>SEMESTER CRS: 15</b>	

NOTE: The term-by-term course sequence takes into account necessary Prerequisites, Corequisites, and Pre-/Co-requisite.

NOTE: Select ONE (1) WRITING INTENSIVE course & ONE (1) CIVIC ENGAGEMENT course. Some courses meet BOTH requirements, see CUNYfirst to determine course status

### Important Notes:

\*Based on the Chemistry Ready Placement Score, students may test directly into CHM 1100 and not be required to take CHM 100. Contact the Physical Sciences Department for Chemistry Ready Placement information.

^Additional Mathematics Course **above** 61 credit minimum for degree

### Math Course Information

<sup>1</sup> Course is usually offered every semester

<sup>2</sup> Course is usually offered every Fall and Spring semesters