

# Degree Map: A.S. Engineering Science

## Degree Information

Catalog Year: **2022 - 2023**

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

Session A

| COURSE  | CRS |
|---|-----|
| ENG 1200  | 3   |
| CHM 1100*   | 4   |
| CHM 100*  | 0   |
| MAT 1500<br>(NEED MIN. GRADE C)                   | 3   |
| Choose 1: Flexible Core<br>Individual and Society | 3   |

Session B

| COURSE  | CRS |
|---|-----|
| Choose 1: Flexible Core<br>World Cultures & Global Issues | 3   |

# 2

Session A

| COURSE   | CRS |
|--|-----|
| ENG 2400   | 3   |
| CHM 1200   | 4   |
| PHY 1300   | 4   |
| EGR 2100   | 3   |
| Additional Math 1: MAT 1600<br>(NEED MIN. GRADE C) | 3   |

Session B

| COURSE   | CRS |
|--|-----|
| Choose 1: Flexible Core<br>Creative Expression | 3   |

# 3

Session A

| COURSE   | CRS |
|--|-----|
| EGR 2300   | 3   |
| PHY 1400   | 4   |
| Additional Math 2: MAT 2100,<br>5500, 5600, or CS 1200 | 3   |
| Additional Math 3: MAT 2100,<br>5500, 5600, or CS 1200 | 3   |

Session B

| COURSE   | CRS |
|--|-----|
| Additional Math 4: MAT 2100,<br>5500, 5600, or CS 1200 | 3   |

# 4

Session A

| COURSE  | CRS |
|---|-----|
| EGR 2200  | 3   |
| Additional Math 5: MAT 2100, 5500,<br>5600, or CS 1200  | 3   |
| Additional Math 6^: MAT 2100,<br>5500, 5600, or CS 1200 | 3   |
| Choose 1: Flexible Core<br>Creative Expression          | 3   |

Session B

| COURSE | CRS |
|--------|-----|
|--------|-----|

**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**

SEMESTER CRS: **16**

SEMESTER CRS: **20**

SEMESTER CRS: **16**

SEMESTER CRS: **12**

### 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