

Degree Map: A.S. Engineering Science

Degree Information

Catalog Year: **2023 - 2024**
 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 100* | 0 |
| CHM 1100* | 4 |
| MAT 9010 ¹ or MAT 9B0 ¹ or MAT 900 ¹ (NEED MIN. GRADE C) | 3 |
| Choose 1: Flexible Core Individual and Society | 3 |

Session B

| COURSE | CRS |
|---|-----|
| Additional Math 1: MAT 1400 ¹ (NEED MIN. GRADE C) | 3 |

SEMESTER CRS: 16

2

Session A

| COURSE | CRS |
|---|-----|
| ENG 2400 | 3 |
| CHM 1200 | 4 |
| Additional Math 2: MAT 1000 ¹ | 3 |
| EGR 2100 | 3 |

Session B

| COURSE | CRS |
|--|-----|
| Choose 1: Flexible Core U.S. Experiences in Its Diversity | 3 |
| Choose 1: Flexible Core Creative Expression | 3 |

SEMESTER CRS: 19

3

Session A

| COURSE | CRS |
|---|-----|
| EGR 2300 | 3 |
| Additional Math 3: MAT 1500 ¹ (NEED MIN. GRADE C) | 3 |
| PHY 1300 | 4 |
| Additional Math 4: CS 1200 | 3 |

Session B

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

SEMESTER CRS: 16

4

Session A

| COURSE | CRS |
|---|-----|
| EGR 2200 | 3 |
| PHY 1400 | 4 |
| Additional Math 5: MAT 1600 ² (NEED MIN. GRADE C) | 3 |
| Additional Math 6^: MAT 5600 ² | 3 |

Session B

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

SEMESTER CRS: 13

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 Courses **above** 61 credit minimum for degree

Math Course Information

¹ Course is usually offered every semester

² Course is usually offered every Fall and Spring semesters