# ACADEMIC DEGREE MAP
## CIVIL ENGINEERING (DEVELOPMENTAL NEED)
### ASSOCIATE OF SCIENCE

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
<th>COMPLETED</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110: Expository Writing (Required Core: English Composition)</td>
<td>3</td>
<td>☐</td>
</tr>
<tr>
<td>MAT 150: College Algebra with Trigonometric Functions</td>
<td>4</td>
<td>☐</td>
</tr>
<tr>
<td><strong>FLEXIBLE COMMON CORE: WORLD CULTURES AND GLOBAL ISSUES:</strong> HUM 100*</td>
<td>3</td>
<td>☐</td>
</tr>
<tr>
<td><strong>FLEXIBLE COMMON CORE: INDIVIDUAL &amp; SOCIETY:</strong> SOC 101 OR PSY 101*</td>
<td>3</td>
<td>☐</td>
</tr>
<tr>
<td><strong>SUB-TOTAL 13</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
<th>COMPLETED</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 111: Literature and Composition (Required Core: English Composition)</td>
<td>3</td>
<td>☐</td>
</tr>
<tr>
<td>MAT 160: Pre-Calculus</td>
<td>4</td>
<td>☐</td>
</tr>
<tr>
<td>CHE 210: General Chemistry I (Required Core: Life and Physical Sciences)**</td>
<td>4</td>
<td>☐</td>
</tr>
<tr>
<td><strong>FLEXIBLE COMMON CORE: CREATIVE EXPRESSION:</strong> COM 110*</td>
<td>3</td>
<td>☐</td>
</tr>
<tr>
<td><strong>SUB-TOTAL 13</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### GET AHEAD! TAKE CLASSES DURING THE SUMMER

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
<th>COMPLETED</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 202: Technical Writing</td>
<td>3</td>
<td>☐</td>
</tr>
<tr>
<td>MAT 210: Calculus I (Required Core: Mathematical and Quantitative Reasoning)***</td>
<td>4</td>
<td>☐</td>
</tr>
<tr>
<td><strong>FLEXIBLE COMMON CORE: U.S. EXPERIENCE IN ITS DIVERSITY:</strong> HIS 210 OR HIS 211*</td>
<td>3</td>
<td>☐</td>
</tr>
<tr>
<td>CHE 220: General Chemistry II (Flexible Core: Scientific World)**</td>
<td>4</td>
<td>☐</td>
</tr>
<tr>
<td><strong>SUB-TOTAL 14</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MAJOR REQUIREMENT
- MILESTONES ARE COURSES THAT MUST BE TAKEN IN SEQUENTIAL ORDER

### TWO WRITING INTENSIVE COURSES REQUIRED FOR GRADUATION

### 15 CREDITS PER SEMESTER
- GRADUATE ON TIME, SAVE MONEY & START YOUR CAREER!

### EXCELSIOR SCHOLARSHIP
- COVERS FULL TUITION
- MUST EARN 30 CREDITS PER YEAR
  - [www.hostos.cuny.edu/excelsior](http://www.hostos.cuny.edu/excelsior)

### CAMPUS SUPPORT FOR ACADEMIC SUCCESS
- LIBRARY
- TUTORING CENTER
- WRITING CENTER
- COMPUTER LABS
- TECHNOLOGY WORKSHOPS
- COUNSELING
- SCHOLARSHIPS

### CAREER COACH
- CAREER COACH IS AN ONLINE TOOL THAT HELPS STUDENTS EXPLORE MAJORS AND IN-DEMAND CAREERS
  - [www.hostos.cuny.edu/careercoach](http://www.hostos.cuny.edu/careercoach)

### DEGREE AUDIT
- TO VIEW FULL DEGREE MAP ONLINE, SCAN QR CODE BELOW:
  - [degreetracker.cuny.edu](http://degreetracker.cuny.edu)

### NOTES
- * COURSE(S) IS STRONGLY RECOMMENDED
- **Passing Grade Requirement: A MINIMUM PASSING GRADE OF "C" IS REQUIRED FOR THIS COURSE.
  - A 2.7 OVERALL GPA AND A 2.5 MATH AND SCIENCES GPA ARE REQUIRED TO TRANSFER TO THE CITY COLLEGE OF NEW YORK GROVE SCHOOL OF ENGINEERING.
  - ***COURSE WILL BE TAKEN AS AN E-PERMIT

---

CONTINUE TO PAGE 2
### ACADEMIC DEGREE MAP

**CIVIL ENGINEERING (DEVELOPMENTAL NEED)**

**ASSOCIATE OF SCIENCE**

**TOTAL CREDITS 72**

---

#### CREDITS COMPLETED

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
<th>COMPLETED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SUB-TOTAL 8</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PHY 220</strong>: General Physics II**</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td><strong>MAT 310</strong>: Calculus III**</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td><strong>SUB-TOTAL 9</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CE 264</strong>* OR ENGR 204**: Data Analysis*** OR Electrical Circuits</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>MAT 360</strong>: Ordinary Differential Equations**</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>MAT 320</strong>: Linear Algebra &amp; Vectors Analysis**</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

---

**You’ve FINISHED**

---

**TWO WRITING INTENSIVE COURSES REQUIRED FOR GRADUATION**

**15 CREDITS PER SEMESTER**

**EXCELSIOR SCHOLARSHIP**

COVERS FULL TUITION MUST EARN 30 CREDITS PER YEAR

www.hostos.cuny.edu/excelsior

**CAMPUS SUPPORT FOR ACADEMIC SUCCESS**

- LIBRARY
- TUTORING CENTER
- WRITING CENTER
- COMPUTER LABS
- TECHNOLOGY WORKSHOPS
- COUNSELING
- SCHOLARSHIPS

**CAREER COACH**

CAREER COACH IS AN ONLINE TOOL THAT HELPS STUDENTS EXPLORE MAJORS AND IN-DEMAND CAREERS

www.hostos.cuny.edu/careercoach

**DEGREE AUDIT**

TO VIEW FULL DEGREE MAP ONLINE, SCAN QR CODE BELOW:

degreeworks.cuny.edu

---

**MAJOR REQUIREMENT**

MILESTONES ARE COURSES THAT MUST BE TAKEN IN SEQUENTIAL ORDER

---

**MILESTONE**

PHYSICS RECOMMENDATION

MATHEMATICS RECOMMENDATION

CIVIL ENGINEERING (DEVELOPMENTAL NEED)

ASSOCIATE OF SCIENCE

1

1

/2

4

/2020