

# HOSTOS COMMUNITY COLLEGE

## Majors

### Liberal Arts and Sciences

#### Requirements for the Associate in Science (A.S) Degree

The requirements for the Associate in Science Degree make it versatile and appealing to students planning to enter professions in the Sciences or to Medical related programs and provides students with the first two years of study required to major, or minor, in these fields at the senior college level.

##### I. General Requirements

###### English

ENG 110	.....Expository Writing .....	3.0
ENG 111	.....Literature and Composition .....	3.0

###### Mathematics

MAT 160	.....Pre-Calculus .....	4.0
MAT 210	.....Calculus I .....	4.0

###### History

HIS 4660 or 4661 or 4663 or 4665	.....	3.0
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<b>Physical Education</b>	.....	1.0
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<b>Behavioral and Social Sciences</b>	.....	3.0
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*Choose one from the following:* PSY or SOC or ANT or SSC or ECO or POL

<b>Humanities</b>	.....	3.0
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*Choose one from the following:* CUB or LAC or HUM or VPA

<b>Total General Education Requirements</b>	.....	<b>24.0</b>
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##### **II. Science Requirements ..... 20.0-24.0 credits**

Select at least two (2) course sequences from two different areas of concentration.

###### Areas of Concentration:

- A. BIOLOGY ...BIO 210 and BIO 220; or BIO 260 or BIO 310
- B. CHEMISTRY .CHE 210/212 and CHE 220/222; CHE 310/312
- C. PHYSICS ...PHY 4302 and PHY 4304 or PHY 210 and PHY 220

##### **III. Major Electives ..... 4.0-8.0 credits**

Students should consult Natural Science or Mathematics faculty advisors to discuss their choice of disciplines.

Students may use the major electives in any number of ways. Students may choose to take courses from different concentrations that satisfy interdisciplinary major requirements at senior colleges.

BIO 230 and BIO 240 or BIO 299; CHE 299; CHE 314; MAT 220; MAT 310; PHY 299

<b>Total Science Requirements</b>	.....	<b>20.0-32.0</b>
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<b>Free Electives</b>	.....	<b>4.0-12.0</b>
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<b>Total Credits for A.S</b>	.....	<b>60.0 credits</b>
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All first-time freshmen students must take SSD 1000 Freshman Orientation

College requires successful completion of CUNY tests in reading, writing, and mathematics; the CUNY Proficiency Examination (CPE); and 30 credits in Liberal Arts

courses. Students must complete 60 credits for the Associate in Science Degree. Students should consult Natural Science or Mathematics faculty advisors to discuss their choice of disciplines.