

Eugenio Maria de Hostos Community College of the City University of New York  
Academic Advisement, Division of Academic Affairs

For an Associate in Science (A.S.) Degree in Liberal Arts and Sciences

**Liberal Arts and Sciences (A.S.)**

- *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**

<b>English</b> .....	<b>Credits</b>
ENG 110 ..... Expository Writing .....	3
ENG 111 ..... Literature and Composition .....	3
<b>Mathematics</b> .....	<b>Credits</b>
MAT 210 ..... Calculus I.....	4
<b>History</b> .....	<b>Credits</b>
HIS 201 <b>OR</b> HIS 202 <b>OR</b> HIS 210 <b>OR</b> HIS 211 .....	3
<b>Physical Education</b> .....	<b>1</b>
<b>Behavioral and Social Sciences</b> .....	<b>3</b>
Choose one from the following: PSY or SOC or ANT or SSC or ECO or POL	
<b>Humanities</b> .....	<b>3</b>
Choose one from the following: BLS <b>OR</b> LAC <b>OR</b> HUM <b>OR</b> VPA	
<b>Total General Education Requirements</b> .....	<b>20</b>

**II. SCIENCE REQUIREMENTS ..... 16 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 230 and BIO 240
- B. CHEMISTRY..... CHE 210 and CHE 220;
- C. PHYSICS..... PHY 110 and PHY 120 or PHY 210 and PHY 220

**III. \*\*Major Electives .... 12 – 16 credits**

**Choose from the following credits:**

BIO 260; BIO 299; BIO 310; CHE 299; CHE 310/312 OR CHE 314; MAT 220; MAT 310; PHY 299

**Free Electives**..... **8.0-12.0\***

**Total Credits for A.S.**..... **60 credits**

*\*Students pursuing Middle and High School certification in Education at Lehman College should complete the following courses: Education 101, 117, 130 and 140.*

*\*\*Students should consult Natural Science or Mathematics faculty or Education advisors to discuss their choice of discipline.*

*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.*