

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

Academic Advisement Major Code # 39
For an Associate in Science (A.S) Degree in Liberal Arts and Science

Liberal Arts and Science (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

| | |
|---|------------------------------------|
| English | |
| ENG 110 | Expository Writing.....3.0 |
| ENG 111 | Literature and Composition.....3.0 |
| Mathematics | |
| MAT 210 | Calculus I.....4.0 |
| History | |
| HIS 201 or 202 or 210 or 211 |3.0 |
| Physical Education |1.0 |
| Behavioral and Social Sciences: . |3.0 |
| Choose one from the following: PSY, SOC, ANT, SSC, ECO or POL | |
| Humanities |3.0 |
| Choose one from the following: BLS, LAC, HUM or VPA | |
| Total..... | 20.0 |

II. Science Requirements.....16.0 crs.

Select two 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 Electives12.0-16.0 crs

Choose from the following credits:

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

*Free Elective8.0-12.0 credits

Total Credits for A.S.60.0 credits

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

**Students should consult Natural Science or Mathematics faculty or Education 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.