

Hostos Community College
Office of Academic Achievement
A.S. Mathematics (15)
Catalog Year 2011 – 2012

| | | | | | |
|-----------------------|---|------------------------|------------------------|----------------------------|--|
| ENG 089 (049) ___ 2cr | ENG 091 (1301) ___ 3cr | ESL 015 (1315) ___ 2cr | ESL 035 (1335) ___ 2cr | ESL 084 (1384) ___ 2cr | MAT 010 (1604) ___ 0cr |
| ENG 090 (050) ___ 2cr | ENG 092 (1399) ___ 1cr | ESL 016 (1316) ___ 2cr | ESL 036 (1336) ___ 1cr | ESL 086 (1386) ___ 3cr | MAT 020 (1622) ___ 1cr |
| | ENG 094 (051) ___ 3cr <small>After passing Writing test, credits for ENG 110. NOT to be included with developmental credits</small> | ESL 025 (1325) ___ 2cr | ESL 037 (1337) ___ 1cr | ESL 088 (1388) ___ 2cr | MAT 030 (1624) ___ 2cr <small>Developmental course for students who pass M1 and M2 but not M3. Prerequisite ONLY for MAT 160</small> |
| | | ESL 026 ___ 1cr | ESL 081 (1381) ___ 3cr | ESL 091 (ENG 1300) ___ 3cr | |
| | | ESL 027 ___ 1cr | ESL 082 (1382) ___ 3cr | ESL 092 (ENG 1396) ___ 1cr | |
| | | | ESL 083 (1383) ___ 2cr | | |

Total credits from developmental courses _____

All academic credits for developmental courses listed above can be counted as free electives

CUNY Assessment Tests and Graduation Requirements

Reading ___(P/F)
Writing ___ (P/F)
Math I ___ (P/F)
Math II ___(P/F)
Two Writing Intensive Courses
1 _____
2 _____
GPA of at least 2.0 ___(Y/N)

Must earn a grade of D or better to acquire academic credit for a course

General Education Requirements 26 – 29 credits

| | | |
|---|--|--------------------|
| English: 6cr | | |
| ENG 110 (1302) | Expository Writing | 3cr ___ |
| ENG 111 (1303) | Literature and Composition | 3cr ___ |
| ❖ Natural Sciences – One (1) sequence of courses from the following - 8cr | | |
| BIO 210 (3902) ___ 4cr AND BIO 220 (3904) ___ 4cr | OR | |
| CHE 210 (4002) ___ 4cr AND CHE 220 (4004) ___ 4cr | OR | 8cr ___ |
| PHY 210 (4502) ___ 4cr AND PHY 220 (4504) ___ 4cr | | |
| History – One (1) course from the following: 3cr | | |
| HIS 201 (4660) | World History to 1500 ___3cr | |
| HIS 202 (4661) | Modern World History ___3cr | |
| HIS 210 (4663) | U.S. History: Through the Civil War ___3cr | |
| HIS 211 (4665) | U.S. History: Reconstruction to the Present ___3cr | 3cr ___ |
| HIS 250 (4668) | Ancient, Medieval & Early European History ___3cr | |
| HIS 251 (4670) | Modern European History ___3cr | |
| Select one (1) course from the following: 3cr | | |
| PSY 101 (1032) | General Psychology ___3cr | |
| SOC 101 (1232) | Introduction to Sociology ___3cr | 3cr ___ |
| Ethnic Studies: 3-6cr | | |
| BLS elective | Black Latin Studies _____ | |
| LAC elective | Latin and Caribbean Studies _____ | 3-6cr ___ |
| Foreign Language elective | *SPA,FRE,ITA _____ | |
| Humanities: 3cr | | |
| VPA 192 (3612) | Fundamentals of Public Speaking | 3cr ___ |
| | Total General Education Requirements | 26-29cr ___ |

Math Sequence 18 credits

| | | |
|----------------|---|-----------------|
| MAT 210 (1642) | Calculus I | 4cr ___ |
| MAT 220 (1644) | Calculus II | 4cr ___ |
| MAT 310 (1646) | Calculus III | 4cr ___ |
| MAT 320 (1722) | Linear Algebra with Vector Analysis | 3cr ___ |
| MAT 360 (1742) | Ordinary Differential Equations | 3cr ___ |
| | Total Math Sequence Requirements | 18cr ___ |

◆Free Electives 13–16 credits

| | | |
|------------------------|--|--------------------|
| ◆Free Elective Courses | Total credits from developmental courses | cr ___ |
| _____ | _____ | |
| _____ | _____ | cr ___ |
| | Total Free Electives | 13-16cr ___ |

Total for A.S. Degree Completion 60cr ___

◆Elective credits can be used in any number of ways. Students may choose to take any courses that interest them.

❖Science Sequence Courses

BIO 210(General Biology), BIO 220(General Biology II), CHE 210(General Chemistry), CHE 220(General Chemistry II), PHY 210(General Physics), PHY 220(General Physics II)

***Foreign Language Course Titles**

FRE(French), ITA(Italian), SPA(Spanish)

Advisor Signature _____ Student Signature _____