

# A.S. PHYSICS

**Total credits: 60**

## Requirements for Matriculants

### COLLEGE REQUIREMENTS

Successful completion of CUNY/ACT Tests in Reading and Writing and the COMPASS Math Skills Test with passing examination scores or developmental courses may be required.

One (1) Writing Intensive course in any discipline from any category below is required. Such courses are designated "W". Participation in a Learning Community that includes ENG 12 also satisfies this requirement.

ENG 01200.....	3 credits
ENG 02400.....	3
HE 01400 .....	1

A passing score on the CUNY Proficiency Exam (CPE) is required for graduation and must be taken following the completion of 45 credits

### DEPARTMENT REQUIREMENTS §

Advanced General Physics I and II (PHY 01300-01400).....	8 credits
Advanced Electives, choose:.....	8 – 11
Either MAT 05500 <u>or</u> MAT 05600 (choose only <u>one</u> ) <b>or</b>	
Either EGR 02200 <u>or</u> EGR 02300 (choose only <u>one</u> ) <b>or</b>	
Either EPS 03300 <u>or</u> EPS 03500 <u>or</u> EPS 03600 (choose only <u>one</u> ) <b>or</b>	
Physics 081xx (1-3 credits)	
General Chemistry I and II (CHM 01100-01200).....	8
+Calculus I and II (MAT 01500-01600) .....	8

### GENERAL EDUCATION REQUIREMENTS — 9 CREDITS

A minimum of three (3) credits in Group A, three (3) credits in Group B, and three (3) credits from either Group A or Group B in a different discipline. Credits from Group C satisfied by department requirements.

**Group A** — ARTS AND HUMANITIES.....3 - 6 credits  
Disciplines: Art - Foreign Language - Literature – Media & Film Studies  
Music - Philosophy - Speech - Theatre Arts  
Excluded are Art studio, Music studio, Theatre production & skills courses

**Group B** — BEHAVIORAL AND SOCIAL SCIENCES .....3 - 6 credits  
Disciplines: Anthropology - Economics - History – Political Science - Psychology - Sociology

**Group C** — MATHEMATICS AND SCIENCES — Satisfied by Department Requirements

**ELECTIVES:** 9 to 12 credits sufficient to meet required total of 60 credits

- This program is within the Physical Sciences Department.
- § Consultation with the Department Advisor is required.
- + Prerequisites must be met or additional credits may be required.