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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 01200</td>
<td>3</td>
</tr>
<tr>
<td>ENG 02400</td>
<td></td>
</tr>
<tr>
<td>HE 01400</td>
<td>1</td>
</tr>
</tbody>
</table>

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 or MAT 05600 (choose only one) or
Either EGR 02200 or EGR 02300 (choose only one) or
Either EPS 03300 or EPS 03500 or EPS 03600 (choose only one) or
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.