A.S. EARTH AND PLANETARY SCIENCES
DEPARTMENT: Physical Sciences
TOTAL CREDITS: 60

Requirements for Matriculants

COLLEGE REQUIREMENTS
• Successful completion of CUNY Tests in Reading and Writing and the COMPASS Math Skills Test with passing examination scores, unless otherwise exempt, or developmental courses may be required.
• One (1) Writing Intensive course in any discipline from any category below is required. Participation in a Learning Community that includes ENG 1200 or 2400 also satisfies this requirement.
• Two (2) Civic Engagement experiences—satisfied by CE-Certified or CE-Component courses or approved outside activity. See Graduation Requirements in this catalog.

CUNY CORE
Courses approved at the time of this catalog’s publication for CUNY Flexible Core, Groups A-D, are listed in the General Education: CUNY Pathways section on page 43, and identified in the Course section, beginning on page 99.

REQUIRED CORE
ENG 1200.............................................................3 credits
ENG 2400.........................................................................3
Mathematical & Quantitative Reasoning .....................4
MAT 1500+ or MAT 1600+
Life and Physical Sciences .............................................4
CHM 1100 or PHY 1100 or EPS 3100 or EPS 3200 or EPS 3300 or EPS 3500 or EPS 3600 or EPS 3800

FLEXIBLE CORE
One course from each Group A – E plus an additional course from Group E. No more than two courses in the same discipline.
• A. World Cultures and Global Issues
• B. U.S. Experience in its Diversity
• C. Creative Expression
• D. Individual and Society
• E. Scientific World: MAT 1500+ or MAT 1600+ or CHM 1100 or PHY 1100 or EPS 3100 or EPS 3200 or EPS 3300 or EPS 3500 or EPS 3600 or EPS 3800 (if not taken for Required Core)

Plus another course selected from Group E list above (if not taken for Required or Flexible Core)

DEGREE REQUIREMENTS §
If not taken for the CUNY Required Core or Flexible Core, the following are required:
Calculus I and II (MAT 1500 and MAT 1600)+...........8 credits
General Chemistry I (CHM 1100).................................4
General Physics I (PHY 1100)........................................4
Physical Geology (EPS 3300) .........................................4
Meteorology (EPS 3100)................................................4
Oceanography (EPS 3200).............................................4
Astronomy (EPS 3500)....................................................4
Planetology (EPS 3600)................................................4
Introduction to Earth Science (EPS 3800) .......................4

ELECTIVES: 2 credit sufficient to meet required total of 60 credits.

+ COMPASS scores of 35 on Part I, 55 on Part II, 60 on Part III and 51 on Part V or pre-requisite courses required.

♦ This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.
§ Consultation with the Department Advisor is required.