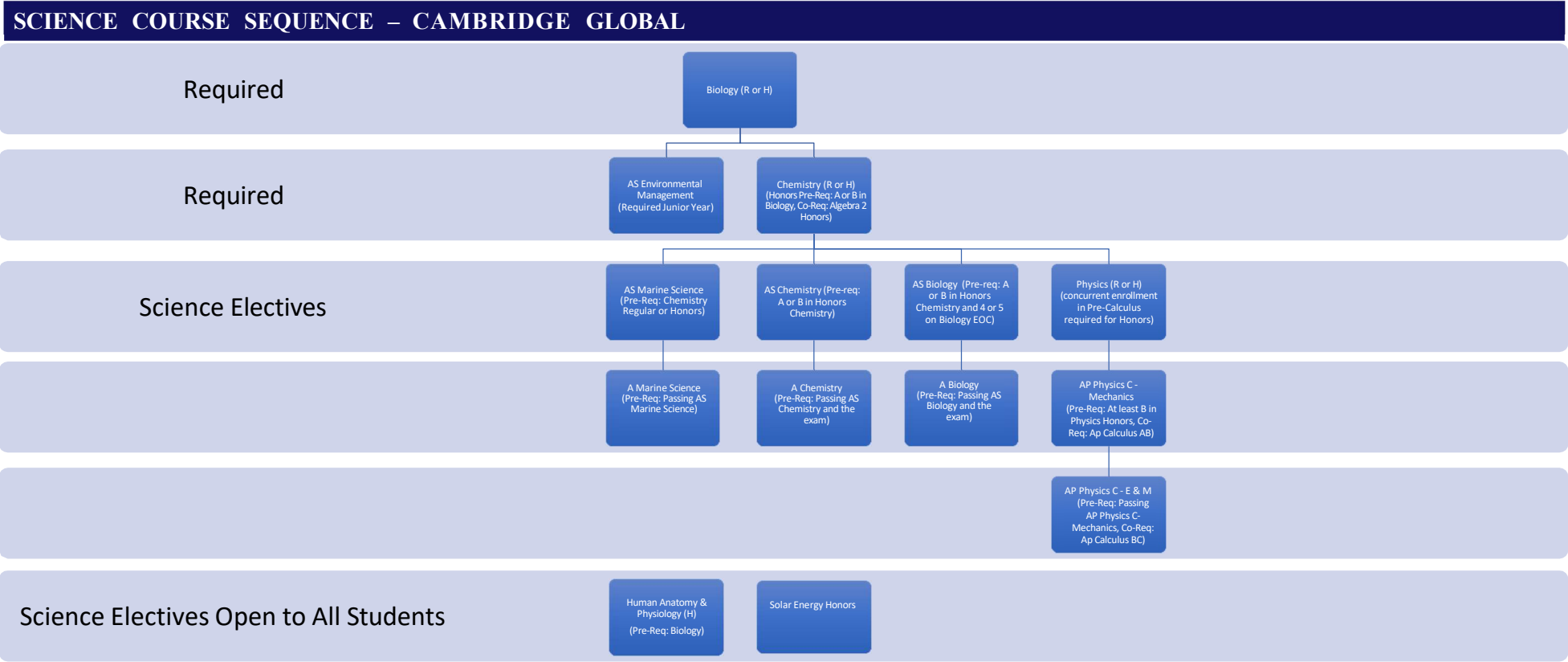
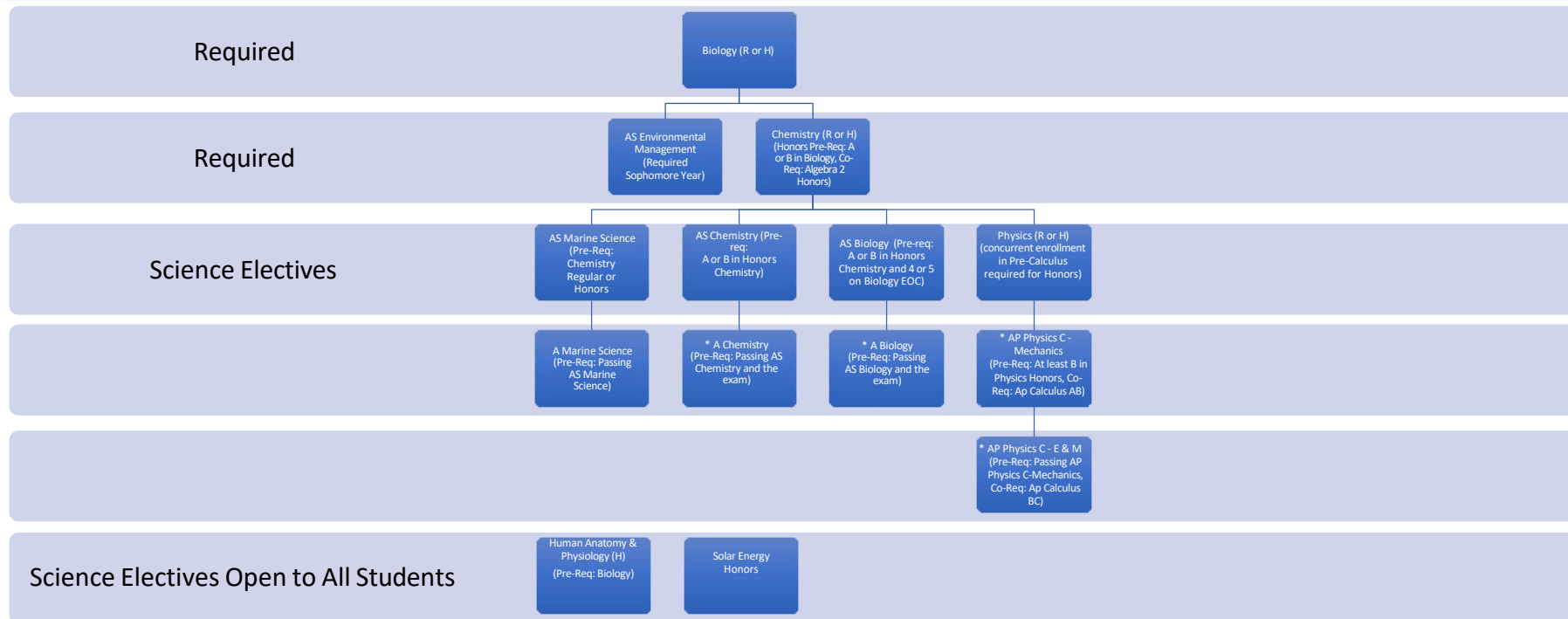


MAST Academy Science Course Sequence



SCIENCE COURSE SEQUENCE – CAMBRIDGE STEM



Note: At least one course with an * needs to be taken before graduation.

SCIENCE COURSE SEQUENCE – MARITIME

Required

Biology (R or H)

Required

AS Marine Science
(Pre-Req: Chemistry
Regular or Honors
Required Junior Year)

Chemistry (R or H)
(Honors Pre-Req: A
or B in Biology, Co-
Req: Algebra 2
Honors)

Science Electives

Human Anatomy
& Physiology (H)
(Pre-Req: Biology)

A Marine Science
(Pre-Req: Passing
AS Marine Science)

AP Biology (Pre-req: A or
B in Honors Chemistry
and 4 or 5 on Biology
EOC)

AS Chemistry (Pre-req:
A or B in Honors
Chemistry)

Physics (R or H)
(concurrent enrollment
in Pre-Calculus
required for Honors)

AS Environmental
Management (can be
taken concurrently with
chemistry)

OR

AP Environmental
Science (can be taken
concurrently with
chemistry)

* A Chemistry
(Pre-Req: Passing AS
Chemistry and the
exam)

AP Physics C -
Mechanics
(Pre-Req: At least B in
Physics Honors, Co-Req:
Ap Calculus AB)

AP Physics C - E & M
(Pre-Req: Passing AP
Physics C-Mechanics,
Co-Req: Ap Calculus
BC)

Science Electives Open to All Students

Solar Energy Honors