



COMPUTER SCIENCE COURSE SEQUENCE



English
4 Credits^{D,M}

Mathematics
4 Credits^{2,D,M}

Science
4 Credits^M

Social Studies
4 Credits^M

World Language
3 Credits^M

Pathway
3 Credits^D & Capstone^{3,M}

STEM Requirement
1 Credit^M

Health
0.5 Credit^D

Physical Ed
3 Credits^D

Electives
3.5 Credits^D

Integrated World Literature
Honors Integrated World Literature¹

Classes Taken Sequentially:
IMP I - IMP III
(Based on Placement Test)

Integrated Science: Environmental
Honors Int. Science: Environmental¹

Social Studies
Civics & Geography

Classes Taken Sequentially:
Spanish I - Spanish III
(Based on Placement Test)

Introduction to Computer⁶
Programming

Engineering & Design I⁴

Health (Half-Year)

Physical Education I
(Half-Year)

Students are required to earn at least 3.5 Elective credits

British Literature and Composition
Honors British Lit. & Composition¹

IMP II - IMP IV

Integrated Science: Biology
Honors Int. Science: Biology¹
AP Biology

Economics & Personal Finance

Spanish II- Spanish V

AP Computer Science Principles

Physical Education II⁵
(Half-Year)

Honors American Literature
AP Literature and Composition

IMP III - IMP IV or
Differential Calculus or
Statistics or
AP Calculus AB

Integrated Science: Chemistry
Honors Int. Science: Chemistry¹
AP Chemistry

United States History
Honors United States History
AP United States History

Spanish III- Spanish V

AP Computer Science A^C
Web Design with JavaScript⁷

Honors World Literature
AP Language and Composition

IMP IV or
Differential Calculus or
Statistics or
AP Calculus AB or **AP Calculus BC**

Integrated Science: Physics
Honors Int. Science: Physics¹
AP Physics

World History
Honors World History
AP World History

Optional: **Spanish IV Spanish V**

Recommended:
Computer Science 4

1 Students may "opt in" to earn Honors credit in 9th Grade English and Science, as well as 10th Grade English
2 State of Delaware requires one of a student's four math credits be earned during Senior Year
3 Successful completion of a Major Pathway capstone is a graduation requirement
4 Counts toward Elective Credit total
5 Students take PSAT/SAT Prep and Driver's Education to round out the other half-credit [as electives] during 10th Grade
6 Also satisfies State of Delaware Technology Credit requirement
7 Students taking this course in lieu of AP Computer Science A in Junior year MUST take AP Computer Science A in Senior year (and complete the capstone).

D Indicates minimum State of Delaware graduation requirement
M Indicates minimum MOT Charter graduation requirement
C Indicates a course that also contains the Major pathway Capstone