



PRE-MEDICAL COURSE SEQUENCE

All students can elect to take the Pre-Medical minor with faculty approval at the end of Freshman year



English
4 Credits^{D,M}

Integrated World Literature Honors Integrated World Literature¹

British Literature and Composition Honors British Lit. & Composition¹

Recommended:
AP Literature and Composition

Recommended:
AP Language and Composition

Mathematics
4 Credits^{2,D,M}

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

IMP II - IMP IV

IMP III and IMP IV or
Required: **AP Calculus AB** or
Recommended: **Statistics**

Required: **AP Calculus AB** or
Recommended: **AP Calculus BC** or
Recommended: **Statistics**

Science
4 Credits^M

Integrated Science: Environmental Honors Int. Science: Environmental¹

Required: **AP Biology**

Required: **AP Chemistry**

Required: **AP Physics**

Social Studies
4 Credits^M

Social Studies Civics & Geography

Economics & Personal Finance

United States History Honors United States History AP United States History

World History Honors World History AP World History

World Language
3 Credits^M

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

Spanish II- Spanish V

Spanish III- Spanish V

Optional: **Spanish IV Spanish V**

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

Arts Majors Pathway course in lieu of STEM Requirement

Pathway course

Pathway course^C

Pathway course or Elective

Technology
1 Credit^D

Introduction to Computer Programming or Arts Minor course choice

STEM Requirement
1 Credit^M

Engineering & Design I⁴

Health
0.5 Credit^D

Health (Half-Year)

Physical Ed
3 Credits^D

Physical Education I (Half-Year)

Physical Education II⁵ (Half-Year)

Electives
3.5 Credits^D

Students are required to earn at least 3.5 Elective credits

Recommended:
Anatomy & Physiology^E

Recommended:
Medical Terminology^E

- 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

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
E Represents a West Virginia University - Early College course (additional costs apply)