



AMERICAN CLASSICAL ACADEMY

RUTHERFORD

## FRESHMAN YEAR CURRICULUM

**IN FRESHMAN YEAR FORMAL LOGIC (SEMESTER 1)** our students will:

- learn the definition and application of simple apprehension, proposition, and syllogism
- make deductive inferences using the rules for categorical syllogisms
- translate ordinary sentences into logical statements
- understand conditional, disjunctive, and conjunctive syllogisms

**IN FRESHMAN YEAR RHETORIC (SEMESTER 2)** our students will:

- use the three modes of persuasion: ethos, pathos, and logos
- apply the five canons of rhetoric: invention, organization, style, memory, and delivery
- learn how to identify formal and informal fallacies of logic
- study and recite speeches, both historical as well as original student compositions

**IN FRESHMAN YEAR ANCIENT LITERATURE** our students will read and discuss:

- the Greek epics of Homer: The Iliad and The Odyssey
- the plays of Sophocles: "Oedipus Rex" and "Antigone"
- the greatest Roman epic tragedy: The Aeneid by Virgil
- Julius Caesar by William Shakespeare

**IN FRESHMAN YEAR ANCIENT HISTORY** our students will:

- discuss the effects of the principles of Greece and Rome on the American political process
- explain how the Roman Republic built upon Greek ideals — and what those Greek ideals are
- identify how the Roman Republic contributed to the development of democratic principles
- study the major events of the ancient world to A.D. 500

**IN FRESHMAN YEAR LATIN III** our students will:

- translate Latin texts from Catullus, Quintilian, Pliny the Elder, and Lucretia
- study subjunctive mood, indirect questions, cum clauses, conditions, and gerunds
- complete Wheelock's Latin chapters 28-39

**IN FRESHMAN YEAR GEOMETRY** our students will:

- understand and use the structure of multiple-step geometric proofs
- determine the length of line segments, the measure of angles, and the area of polygons
- know the value and use of pi when determining measurements of a circle

**IN FRESHMAN YEAR BIOLOGY** our students will:

- use the steps of the scientific method throughout the course
- study cell structure, function, growth, division, and reproduction
- study Mendelian genetics, DNA, RNA, and protein synthesis
- explore the subjects of microorganisms, fungi, plants, animals, and the human body

**AS FRESHMEN, STUDENTS MAY ALSO TAKE SEMESTER ELECTIVES IN ART & MUSIC**

rutherfordclassical.org  
info@rutherfordclassical.org

**IN FRESHMAN YEAR**  
our students read:

The Iliad and the Odyssey  
"Oedipus Rex"  
"Antigone"  
The Aeneid  
Julius Caesar  
The Epic of Gilgamesh  
Augustine's Confessions,  
Caesar's Gallic Wars  
"The Apology" by Plato

**IN FRESHMAN YEAR**  
students will write about & discuss:

Virtue  
Leadership  
Democracy  
Citizenship  
Love  
Law and Justice  
Friendship  
Peace and War  
Beauty  
Change and Continuity