



CIS Upper School Course Catalog 2023-2024

Updated: 1/20/2023

Blue text indicates core subjects which offer a choice of courses. Yellow text indicates required courses for each grade level. In addition to core courses, students may choose and carry up to 4 semester-long elective courses and up to 3 year-long elective courses. These will run based on interest and students will be placed based on schedule availability. Students should expect to take a minimum of 6 classes each year.

9th Grade Classes

English: English 9

Math: Algebra I, Geometry *or* Algebra II

Science: Physics

Social Science: World History

World Languages: Latin, Modern Language (French, Mandarin, Spanish), *or both*. Credit may also be earned in an alternate language through an approved provider.

Semester Electives:

Studio Art 2/3/4 (level determined by previous experience and coursework)
Performing Arts 1/2/3 (level determined by previous experience and coursework)
PE & Wellness
Cube
Rock, Pop, & Hip-Hop: 80s to 20s
Global Current Events
A/V & Multimedia Production
Introduction to Film
Personal Finance & Economics
History of Language
Marketing & Event Planning
Comparative Religion
Global Travel: Course Component (for students traveling on CIS' international Spring Break trip)

** Any upper school student may also select one of the semester-long 11/12 English courses as an elective. **

Yearlong Electives:

Environmental Science
Project Lead the Way: Principles of Engineering
Project Lead the Way: Environmental Sustainability
Publications
Chamber Choir
Concert/Jazz Band
Amazon Future Engineers: Introduction to Computer Science
Amazon Future Engineers: AP Computer Science Principles
Amazon Future Engineers: AP Computer Science A
1-2 courses through the Columbia Area Career Center ([catalog here](#) – please see Dr. Roth ASAP if you are interested in pursuing this option)

10th Grade Classes

English: English 10

Math: Geometry, Algebra II *or* Precalculus

Science: Biology *or* Chemistry

Social Science: AP Human Geography

World Languages: Next level of Latin, Modern Language (French, Mandarin, Spanish), *or both*. Credit may also be earned in an alternate language through an approved provider.

Semester Electives:

Studio Art 2/3/4 (level determined by previous experience and coursework)
Performing Arts 1/2/3 (level determined by previous experience and coursework)
PE & Wellness
Cube
Rock, Pop, & Hip-Hop: 80s to 20s
Global Current Events
A/V & Multimedia Production
Introduction to Film
Personal Finance & Economics
History of Language
Marketing & Event Planning
Comparative Religion
Global Travel: Course Component (for students traveling on CIS' international Spring Break trip)

** Any upper school student may also select one of the semester-long 11/12 English courses as an elective.**

Yearlong Electives:

Environmental Science
Project Lead the Way: Principles of Engineering
Project Lead the Way: Environmental Sustainability
Publications
Chamber Choir
Concert/Jazz Band
Amazon Future Engineers: Introduction to Computer Science
Amazon Future Engineers: AP Computer Science Principles
Amazon Future Engineers: AP Computer Science A
1-2 courses through the Columbia Area Career Center ([catalog here](#) – please see Dr. Roth ASAP if you are interested in pursuing this option)

11th Grade Classes

In 11th grade students may begin to select Advanced Placement courses. Although we know that many CIS students are highly motivated, we also know from previous experience the emotional and physical toll taking too many AP classes can take. Like many independent schools, CIS sets a cap of *four AP courses* in a year and recommends no more than three. Any student that is considering taking more than three AP courses must meet with Dr. Roth and must submit an [AP Overload Appeal Form](#) at that time.

English: AP Language and Composition *and/or 2 of the following* semester-long 11/12 English Topics

- Advanced Publications
- Evolutions & Revolutions: Literature Changing the World
- BIPOC Literature
- Contemporary Novels
- Big Books Seminar: *Moby Dick*, *Bleak House*, or Shakespeare's Complete Works
- True Crime: Tragedy & Literature (Mizzou instructor)

Math: Algebra II, Precalculus, AP Calculus AB, *or* Quantitative Reasoning

Science: Biology, Chemistry, AP Biology, and/or AP Chemistry

Social Science: Finding Our Voices (Project-Based American History) *or* AP US History

World Languages: Next level of Latin, Modern Language (French, Mandarin, Spanish), *or both*. Credit may also be earned in an alternate language through an approved provider.

Capstone/College Counseling: "DIY 101" (Semester 1), "The Think Tank" (Semester 2)

Semester Electives:

Studio Art 2/3/4 (level determined by previous experience and coursework)
Performing Arts 1/2/3 (level determined by previous experience and coursework)
PE & Wellness
Cube
Rock, Pop, & Hip-Hop: 80s to 20s
Global Current Events
A/V & Multimedia Production
Introduction to Film
Personal Finance & Economics
History of Language
Marketing & Event Planning
Comparative Religion
Global Travel: Course Component (for students traveling on CIS' international Spring Break trip)

** Any upper school student may also select one of the semester-long 11/12 English courses as an elective. **

Yearlong Electives:

Environmental Science
Project Lead the Way: Principles of Engineering
Project Lead the Way: Environmental Sustainability
Publications
Chamber Choir
Concert/Jazz Band
Amazon Future Engineers: Introduction to Computer Science
Amazon Future Engineers: AP Computer Science Principles
Amazon Future Engineers: AP Computer Science A
1-2 courses through the Columbia Area Career Center ([catalog here](#) – please see Dr. Roth ASAP if you are interested in pursuing this option)

12th Grade Classes

English: AP Language and Composition *and/or 2 of the following* semester-long 11/12 English Topics

- Advanced Publications
- Evolutions & Revolutions: Literature Changing the World
- BIPOC Literature
- Contemporary Novels
- Big Book Seminar: *Moby Dick*, *Bleak House*, or Shakespeare's Complete Works
- True Crime: Tragedy & Literature (Mizzou instructor)

Math: Precalculus, AP Calculus AB, Quantitative Reasoning, AP Statistics, or AP Calculus BC

Science: AP Biology *and/or* AP Chemistry

Social Science: Finding Our Voices (Project-Based American History) or AP US History

World Languages: Next level of Latin, Modern Language (French, Mandarin, Spanish), or *both*. Credit may also be earned in an alternate language through an approved provider.

Capstone/College Counseling: "The Workshop" (Semester 1)

Semester Electives:

Senior Seminar: How to Adult (Semester 2)

Studio Art 2/3/4 (level determined by previous experience and coursework)

Performing Arts 1/2/3 (level determined by previous experience and coursework)

PE & Wellness

Cube

Rock, Pop, & Hip-Hop: 80s to 20s

Global Current Events

A/V & Multimedia Production

Introduction to Film

Personal Finance & Economics

History of Language

Marketing & Event Planning

Comparative Religion

Global Travel: Course Component (for students traveling on CIS' international Spring Break trip)

** Any upper school student may also select one of the semester-long 11/12 English courses as an elective. **

Yearlong Electives:

Environmental Science

Project Lead the Way: Principles of Engineering

Project Lead the Way: Environmental Sustainability

Publications

Chamber Choir

Concert/Jazz Band

Amazon Future Engineers: Introduction to Computer Science

Amazon Future Engineers: AP Computer Science Principles

Amazon Future Engineers: AP Computer Science A

1-2 courses through the Columbia Area Career Center ([catalog here](#) – please see Dr. Roth ASAP if you are interested in pursuing this option)