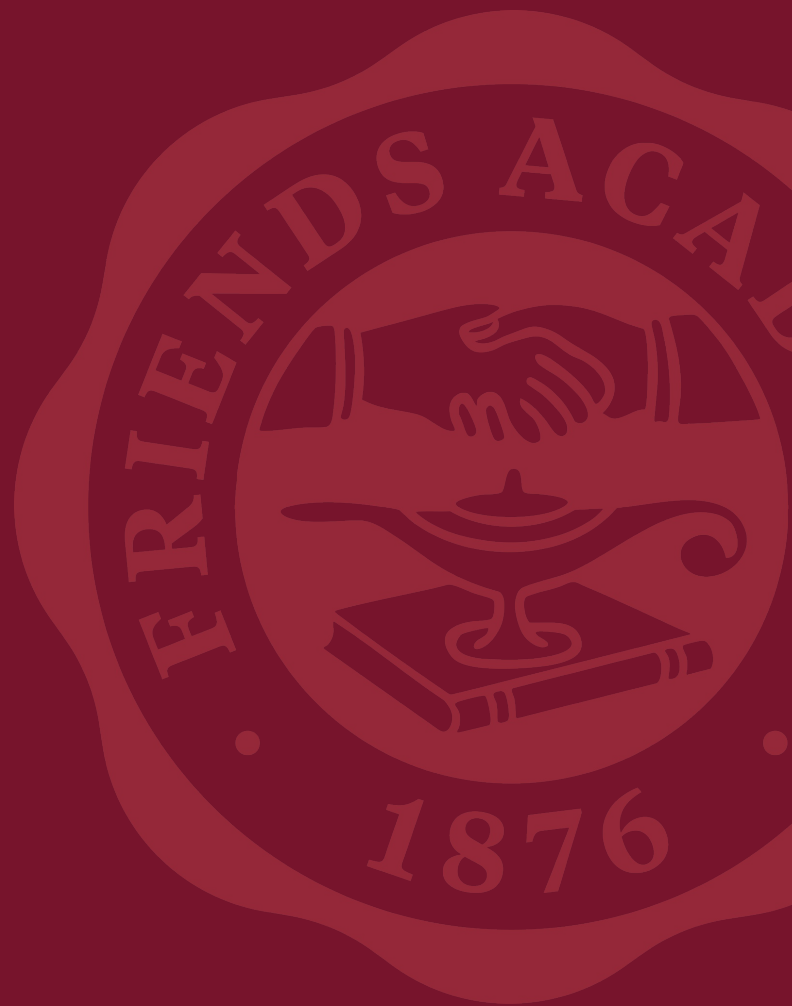


Upper School

Academic Pathways



The Friends Academy graduate is inquiring, discerning, and resilient.

A reflective person of conscience who cultivates a deep inner life, the Friends graduate embraces complexity and understands the Quaker adage, “let your life speak”. Every student learns to do well and to do good by shaping deep individual questions and forming meaningful collaborative relationships as they pursue lives of authentic purpose.

Friends’ graduates embrace thinking for themselves and listening actively to others while holding integrity and equity as beacons to guide them as active and socially responsible citizens of the world.



Many Pathways,
Your Journey.



Math

Applied Statistics

(Prereq: Alg2 or Alg2/Trig)

AP Statistics

(Prereq: Alg2/Trig; min. grade of A- in current math, B+ in English recommended)

Semester Courses:

Linear Algebra

(Prereq: Alg2/Trig)

Multivariable Calculus

(Coreq: AP Calculus BC, Prereq: A- in Hon.Diff.Calc., Linear Algebra, 12th grade only)

Algebra 1

Geometry with Integrated Algebra

(Prereq: Alg 1 or equivalent)

Honors Geometry with Integrated Algebra

(Prereq: Teacher Rec., Dept. Head approval)

Algebra 2

(Prereq: Geometry or equivalent)

Algebra 2 & Trigonometry

(Prereq: B- in Geom or equivalent)

Honors Algebra 2 & Trigonometry

(Prereq: B Honors Geom or A+ in Geom & Dept. Head approval)

Precalculus

(Prereq: Alg 2 & Trig or Alg 2)

Advanced Precalculus w/ Limits

(Prereq: B in Alg 2&Trig or equivalent & pass final exam; also offered in the summer for rising 12th grade)

Honors Differential Calculus

(Prereq: B Honors Alg 2 & Trig or A+ in Alg 2 & Trig and Dept. Head approval)

Calculus

(Prereq: Precalc or AdvPrecalc, Teacher Rec., & Dept. Head approval)

AP Calculus AB

(Prereq: A in AdvPrecalc & Dept. Head approval)

AP Calculus BC

(Prereq: B+ Honors Diff. Calc & Teacher Rec.)

Graduation Requirement: Algebra 1, Geometry, Algebra 2 or Algebra 2 & Trig. Four years of math strongly recommended

Science Pathways

9th

Biology

Chemistry
(prereq. Algebra 1)

Honors Chemistry
(prereq. Algebra 1, enrollment
Honors Math or dept. approval)

10th

Chemistry

Honors Chemistry
(prereq. Algebra 1,
Honors Math or dept.
approval)

**AP
Environmental**
(prereq Chem
Completion)

**Physics or
Hon Physics**
(A in Chem/B Hon
Chem; A- Alg2 Trig/B
HonAlg2Trig)

AP Physics 1
(prereq A- in Hon
Chem; A in Alg 2/Trig
or B in Hon Alg 2 Trig)

AP Chemistry
(prereq Hon Chem)

11th

**Physics or
Hon Physics**
(A in Chem/B Hon
Chem; A- Alg2 Trig/B
HonAlg2Trig)

**AP
Chemistry**
(prereq Hon
Chem)

Hon Phys (A in
Chem/B Hon Chem; A-
Alg2 Trig/B HonAlg2Trig)
AP Physics 1
(prereq A- in Hon Chem;
A in Alg 2/Trig or B in
Hon Alg 2 Trig)

**AP
Biology**
(completion of
Physics course
or
concurrently)

AP Physics 2 (preq
A- AP Physics 1/A Hon
Phys; Enrollment
Precalc or higher)

**AP Environmental
Marine Biology
Anatomy**

12th

AP Psychology
(prereq: completion
of science grad
requirements or
concurrent Physics)

**AP Environmental
Marine Biology
Anatomy**

AP Biology

AP Physics 2
(preq A- AP Physics
1/A Hon Phys;
Enrollment Precalc
or higher)

AP Physics C
(prereq A- AP Phys
1; AP Calc
enrollment)

Independent Science Research Strand (application required):

Foundations of Science Research (9th/10th)

Research Methods & Design/Competition(10th/11th)

Capstone Research/Competition(12th)

DNA Barcoding Research Strand

DNA Barcoding Research (10th/11th)

Advanced DNA Barcoding Research (11th/12th)

Semester Electives:

Organic Chemistry

(Pre/CoReq AP Chem; Fall)

Physics of the Big and Small

(Pre/CoReq Any Physics course; Spring)

Selecting Your Ninth
Grade Science Course:

[Video Explanation](#)

Graduation Requirement: 3 Years

Biology, Chemistry, Physics

Fall 2026
Advanced English Intensives

Open to Students in Grades 10-12

**King Lear:
Text and Performance**

- Great Books -

**Writing the Self in the Light:
Personal Narrative**

- Writers Workshop -

**Beowulf & Grendel:
Heroes and Monsters**

- Great Books -

**Nature Writing: The
Stewardship of Attention**

- Writers Workshop -

**Long Island Poets:
The Literary Landscape**

- Great Books -

**Writing that Works: From
Notes to Networks**

- Writers Workshop -

**Intertextuality in Wallace
Stegner's *Crossing to Safety***

- Great Books -

History 26-27

Foundations of History

Global Interactions

AP European History
(10th Grade Prereq: A-in previous year's history)



US History

AP US History
(Prereq: Global Int. A- OR B+ in AP Euro)

Students in AP Euro must take one additional global studies course in grades 10-12

Semester

Herstory - Women in the World Past and Present

Modern Latin American American History

GS Honors: International Relations (11-12; grades 10-11 considered with entrance exam)

Yearlong

AP African American Studies
Prereq: A- in previous year's history OR B+ in APUSH; 11th-12th)

Semester Courses:

Fall

Modern Latin American American History

AP Microeconomics (*Grades 11-12; Prerequisites: students must also be enrolled in AP Macroeconomics in Semester 2. All juniors must have completed or be enrolled in Honors Differential Calculus or AP Calculus AB/BC. Seniors who have not met this requirement will find the course extremely challenging.)

GS Honors: International Relations (11-12; grades 10-11 considered with entrance exam)

Spring

Herstory - Women in the World Past and Present

AP Macroeconomics (Must have completed Micro)
Game Theory

Yearlong Courses

Honors Art History (10th-12th)

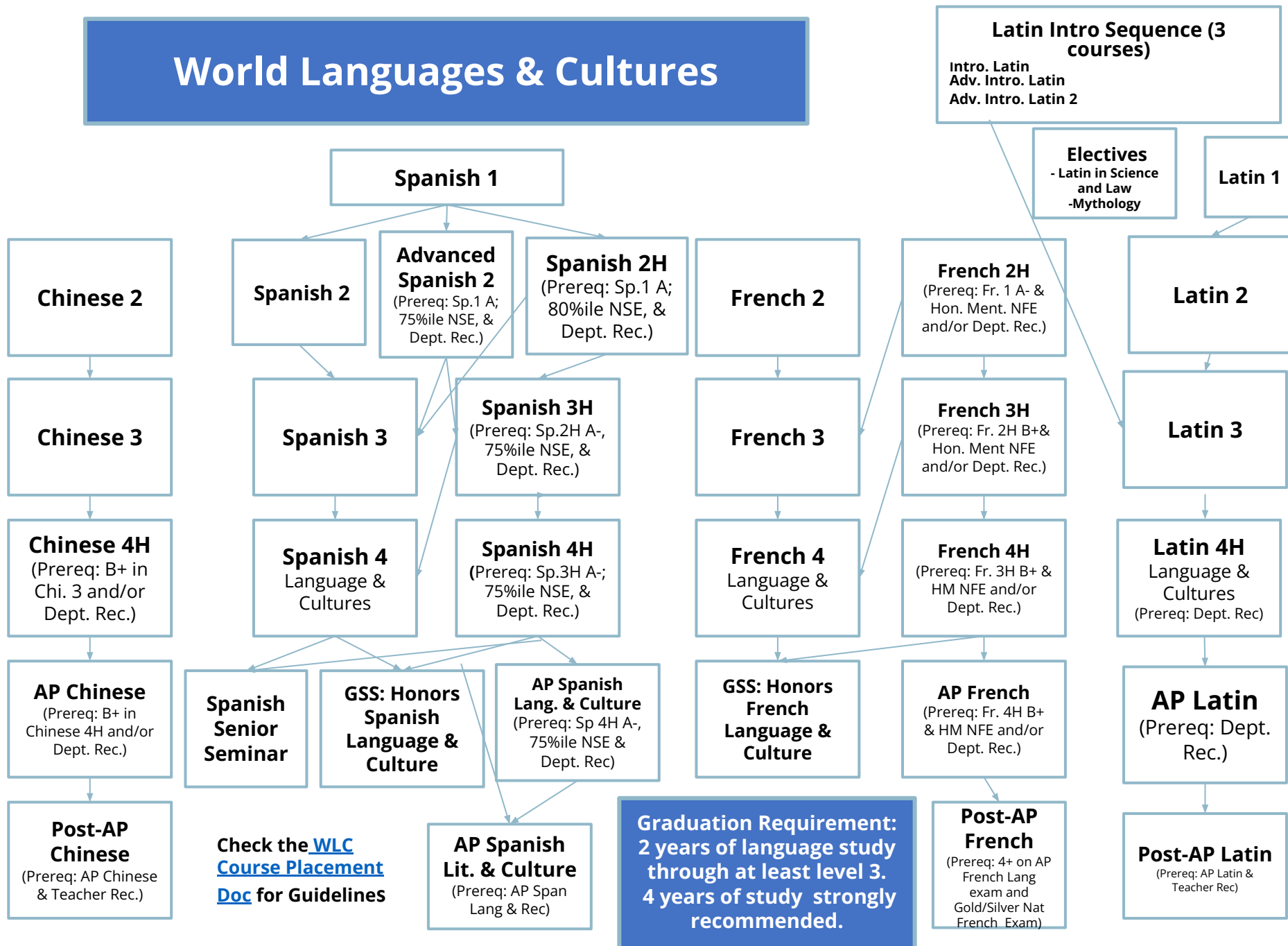
Introduction to Economics (11th-12th)

AP Government and Politics: US (Prereq: A- in previous year's history OR B+ in APUSH; 11th-12th)

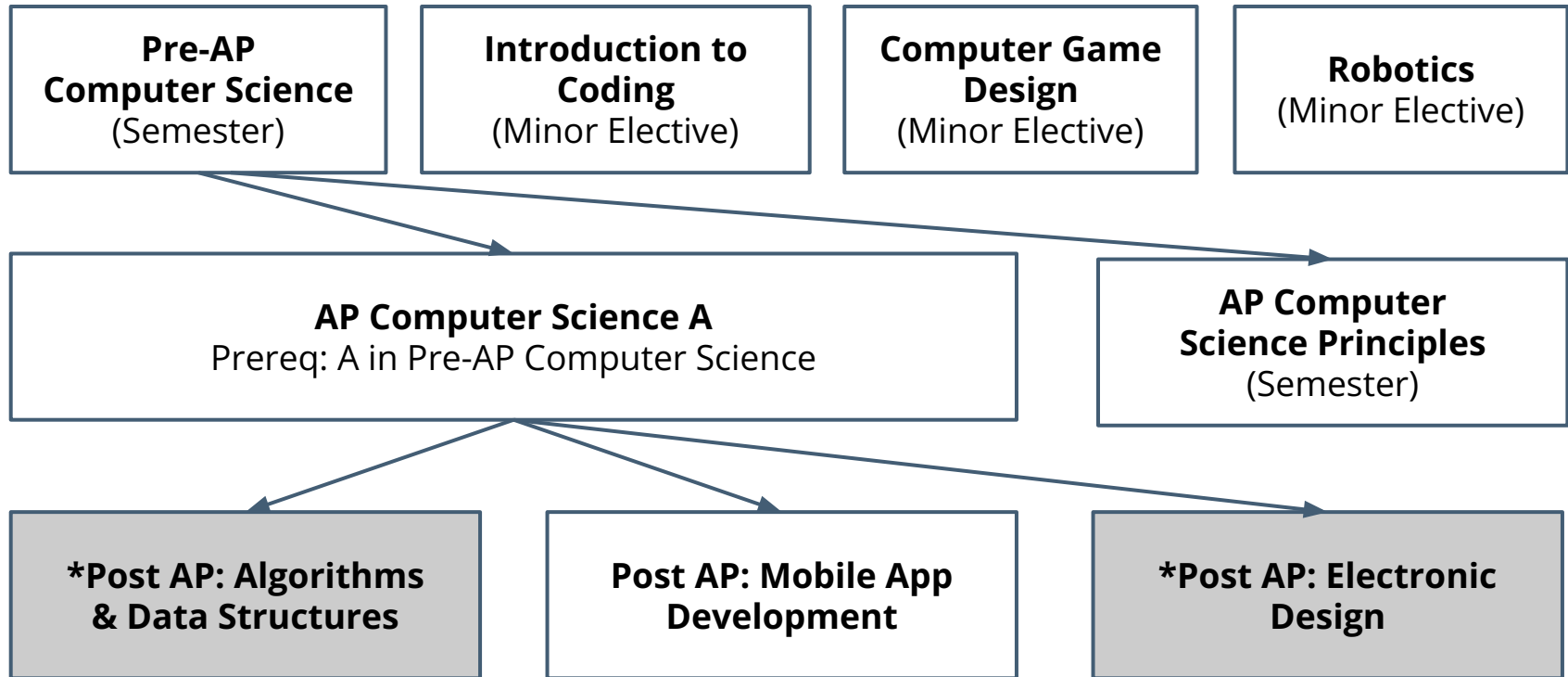
AP African American Studies (Prereq: A- in previous year's history OR B+ in APUSH; 11th-12th)

AP European History (Prereq: A -in previous year's history course OR B+ in APUSH; 10th-12th)

World Languages & Cultures



Computer Science



Entrepreneurship

Entrepreneurship I
(10th-12th)



Entrepreneurship II
(11th-12th)

Our innovative courses partner with industry leaders and professional organizations to offer immersive real world learning experiences. In Entrepreneurship I, student-led teams work with local businesses, start-ups, and industry leaders on complex problems in their organizations and fields. Through the design thinking process, teams develop and present research-based solutions grounded in 21st century skills and business principles.

Chess

Advanced Chess 1 and 2
(Semester; players from
Intermediate to Advanced)

The Arts

Performing Arts

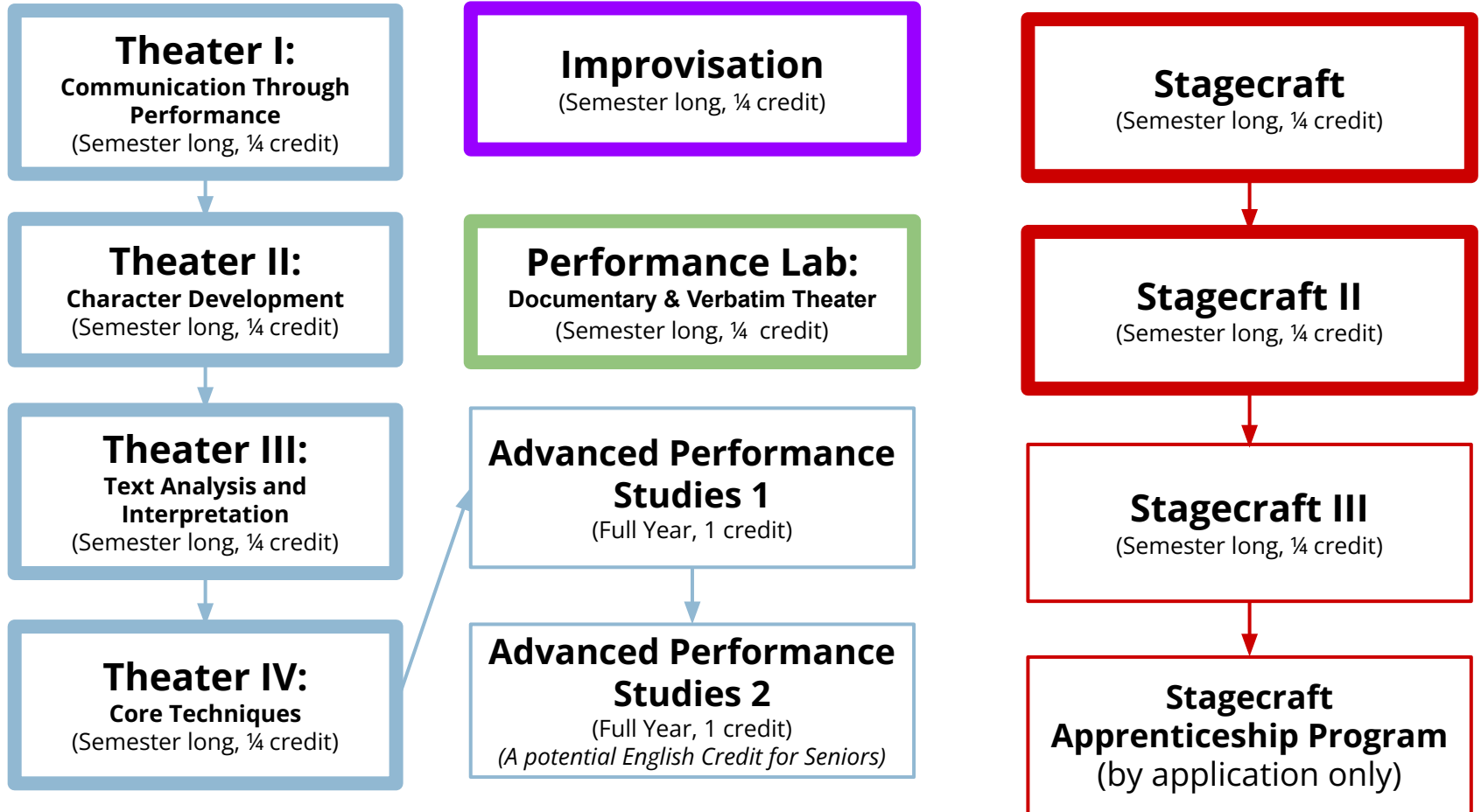
**Dance
Music
Theater**

Visual Arts

**Ceramics
Digital Art
Photography
Studio Art**

**Graduation Requirement: One and a half credits of courses in
Visual and/or Performing Arts**

Performing Arts: Theater



Graduation Requirement: One and a half credits of courses in Visual and/or Performing Arts

Performing Arts: Dance

Dance 1
(Full Year)



Dance 2
(Full Year)



**Advanced Expressions
in Dance 1**
(Full Year)



**Advanced Expressions
in Dance 2**
(Full Year)

Dance can either count
as a ½ credit toward
your Arts graduation
requirement
Or as a PE credit.

**Graduation Requirement: One and a half credits of courses in
Visual and/or Performing Arts**

Performing Arts: Music

Performing Ensembles

(Full Year, ½ credit)

Wind Ensemble

Jazz Band

Orchestra

Choir

Music Courses

(Semester Long, ¼ credit)

Music Theory

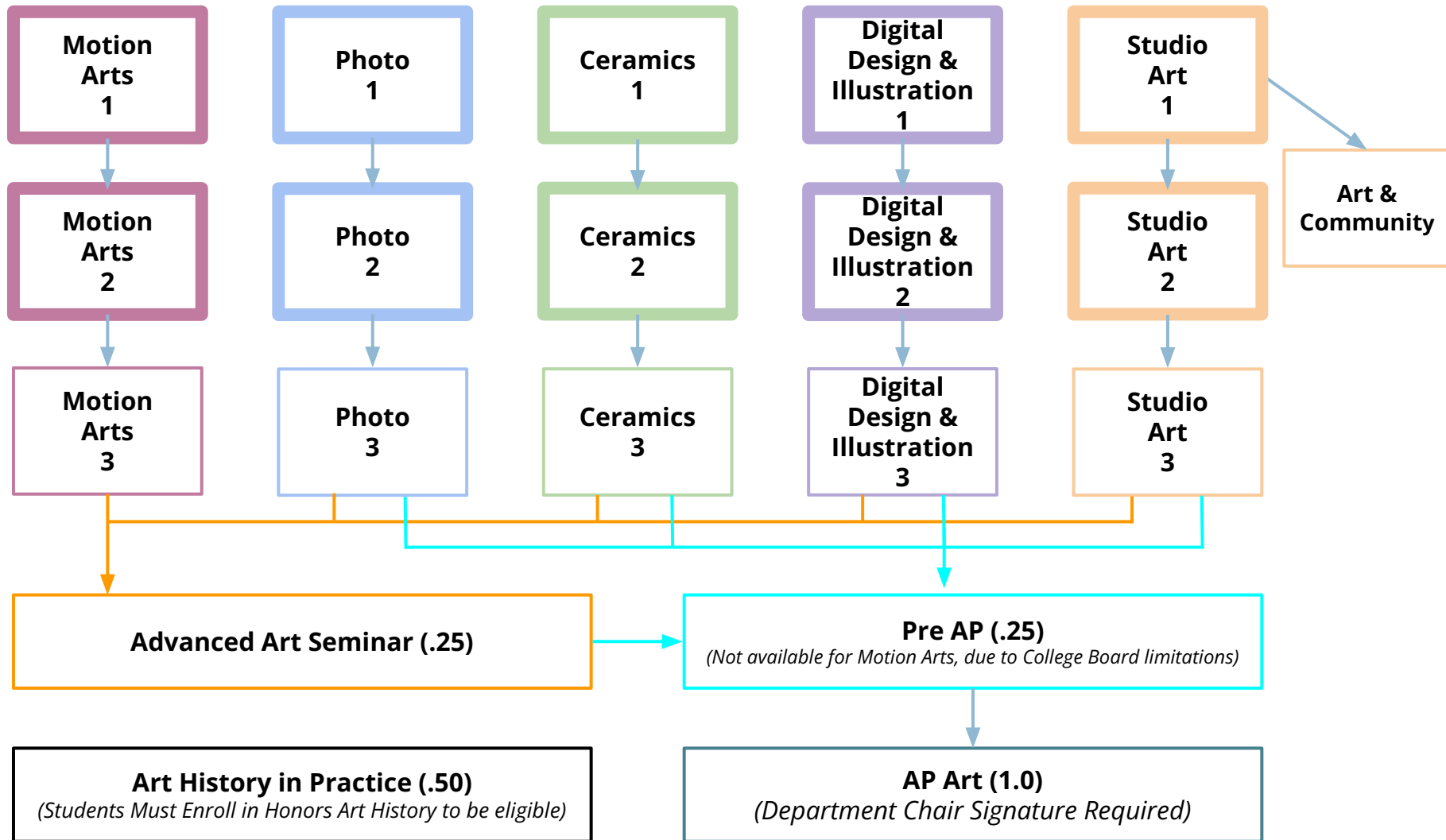
Music Studio

Music Appreciation 1

Music Appreciation 2

**Graduation Requirement: One and a half credits of courses in
Visual and/or Performing Arts**

Visual Arts



**Graduation Requirement: One and a half credits of courses
in Visual and/or Performing Arts**

Schedule Policies

Six Credits Minimum

Students are expected to take a minimum of six credits of courses.

Seven Credit Policy

Students may only take seven full-time credits with permission from counselors and parent. All students **MUST** have at least half a block free each semester.

AP Policy

11th & 12th grade students are permitted to take up to 4 AP credits, with the exceptions that AP Computer Science or AP Languages are permitted as a fifth AP credit for those students who meet the prerequisites for those courses. 9th and 10th grade students are permitted to take up to 3 AP credits, with no exceptions.

