

Upper School



Academic Pathways

# Math

## Applied Statistics

(Prereq: Alg2 or Alg2/Trig)

## AP Statistics

(Prereq: Alg2/Trig or Hon.Geo.; 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.)

Enrichment

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

# Science

9th

**Biology**

## Minor Elective

Science Research: DNA Barcoding (10th/11th; Year)

Independent Advanced Science Research: DNA Barcoding (Year)

9th  
or  
10th

**Chemistry**  
(Prereq: Biology)

**Honors Chemistry**  
(Prereq: Bio A; Geometry A or Geo. Honors B)

10th  
or  
11th

**AP Environmental**  
(10th-12th Prereq: Chemistry)

**Physics**  
(Prereq: Chemistry)

**Honors Physics**  
(Prereq: Chem A or Hon Chem B; Algebra 2 Trig A- or Hon. Alg 2 Trig B)

**AP Physics 1**  
(Prereq: Hon Chem A- ; Alg 2 Trig A or Hon Alg 2 Trig B;)

**AP Chemistry**  
(Hon Chem Completion; Physics Enrollment or Completion for 11th graders)

11th  
or  
12th

Year Electives  
**AP Psychology** (12th; Prereq: Biology & Chem B; 11th English B+)

**Marine Biology**  
**Forensics**

Semester Electives  
**Physics of the Big & Small: Cosmology & Quantum Mechanics** (Spring)

**AP Physics 2**  
(Prereq: Honors Physics A or AP Physics 1 A-; Enrollment in PreCalc or higher)

**AP Physics C**  
(Prereq: AP Physics 1 A; Enrollment in an AP Calculus course) 12th Grade Only

**AP Biology**  
(Recommended: Bio A-, Chem A- or Hon Chem B; Required: Physics Enrollment or Completion)

**Graduation Requirement: 3 Years  
Biology, Chemistry, Physics Expected**

# English

English 9

Global Literature

**Minor Elective  
Writing Fellows**

(Fall/Spring)  
Required for selected Fellows  
only

**American  
Literature**

**AP Seminar**

Year-long (grades 11 + 12)

**AP Research**

Year-long (grade 12)

**Semester Courses (12th)**

*Fall*

Creative Writing  
Crime Fiction  
American City Seminar  
Reading Nature  
Journalism

**Semester Courses: (12th)**

*Spring*

African-American Identity  
Speech & Debate  
Literature and Apocalypse  
Nonviolence & Social Change  
Sports: Literature, Media &  
Theory

**Year Courses (12th)**

**AP English Literature**

(Prereq: Am Lit A- & Dept.  
Recommendation)

**AP Seminar  
Afro-Futurism and Magical  
Realism**

**Graduation Requirement: 4 Years**

# History

**Foundations of History**

**Global Interactions**

**US History**

**AP US History**  
(Prereq: Global Int. A-)

Semester Courses: Open to 10th-12th  
Fall

**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**  
**Resistance, Rebellion and Revolution:**  
**Comparing Different Pathways to Change**

Spring

**Herstory - Women in the World Past and Present**  
**AP Macroeconomics** (Must have completed Micro)  
**Baseball and America**

Yearlong Courses

**Honors Art History** (10th-12th)

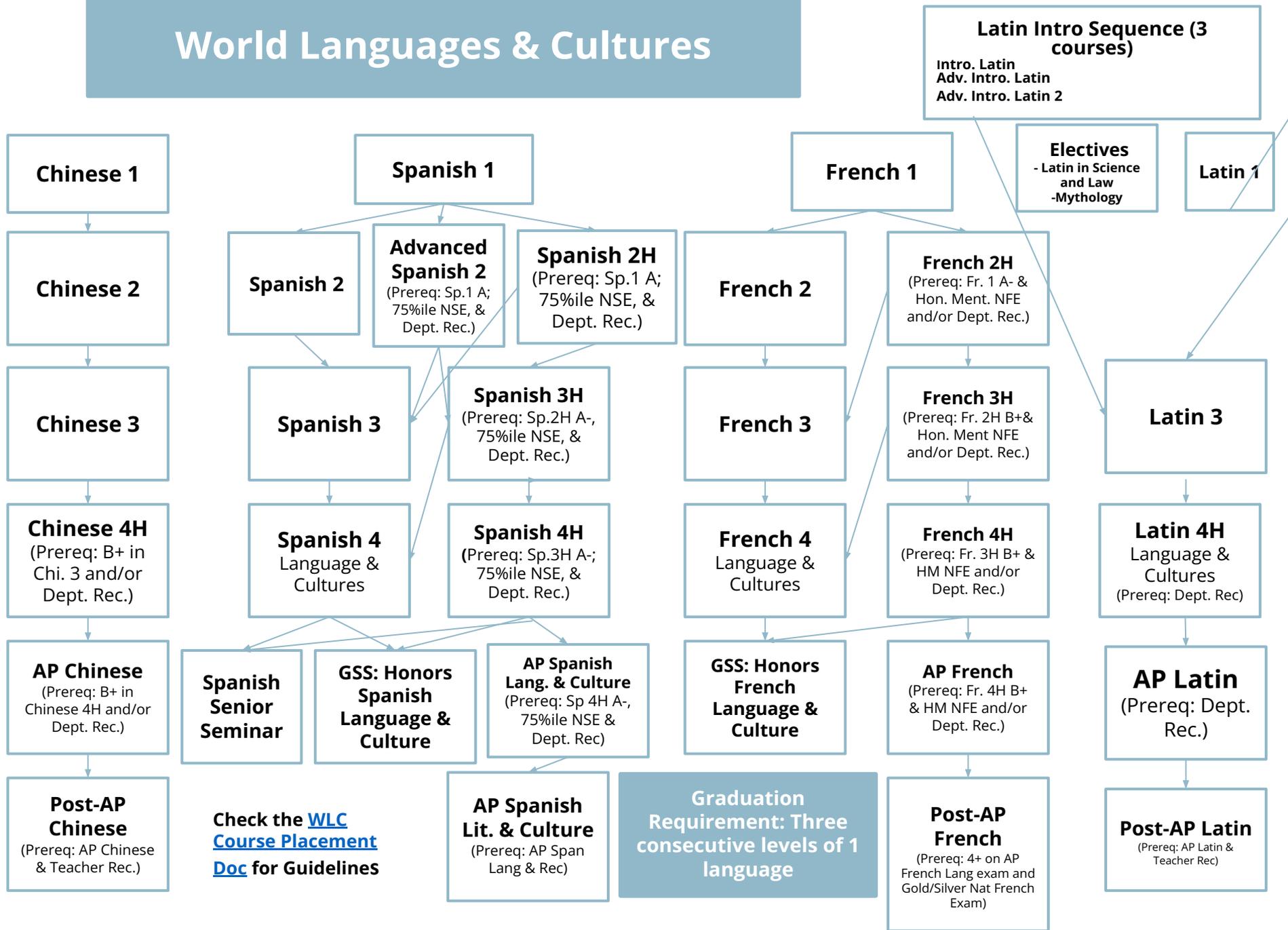
**Introduction to Economics** (11th-12th)

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

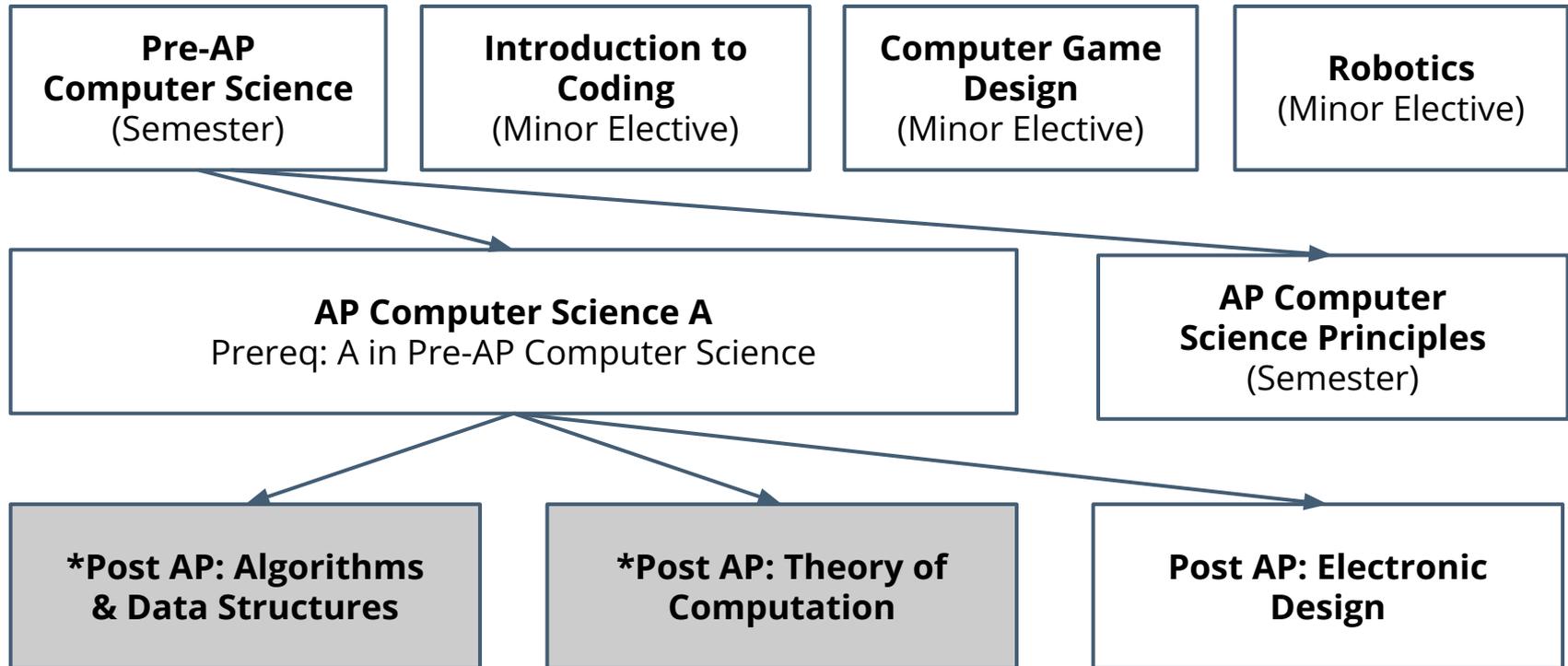
**AP African American Studies** (Prereq: A- in previous year's history OR B+ in APUSH; 11th-12th)

**AP European History** (10th Grade Prereq: A in previous year's history course and written application; 11 and 12 prereq: A- in previous year's history OR B+ in APUSH; 10th-12th)

# World Languages & Cultures



# Computer Science



Tech Graduation Requirement:  $\frac{1}{4}$  credit of Computer Science or equivalent art class (Digital Design & Illustration, Digital Photo, Motion Arts, Stagecraft, or Music Studio).

A class cannot count toward both your art and your tech requirement.

*\*Post AP: Algorithms and Post AP Theory of Computation will not run in 25-26.*

# Innovative Courses

**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

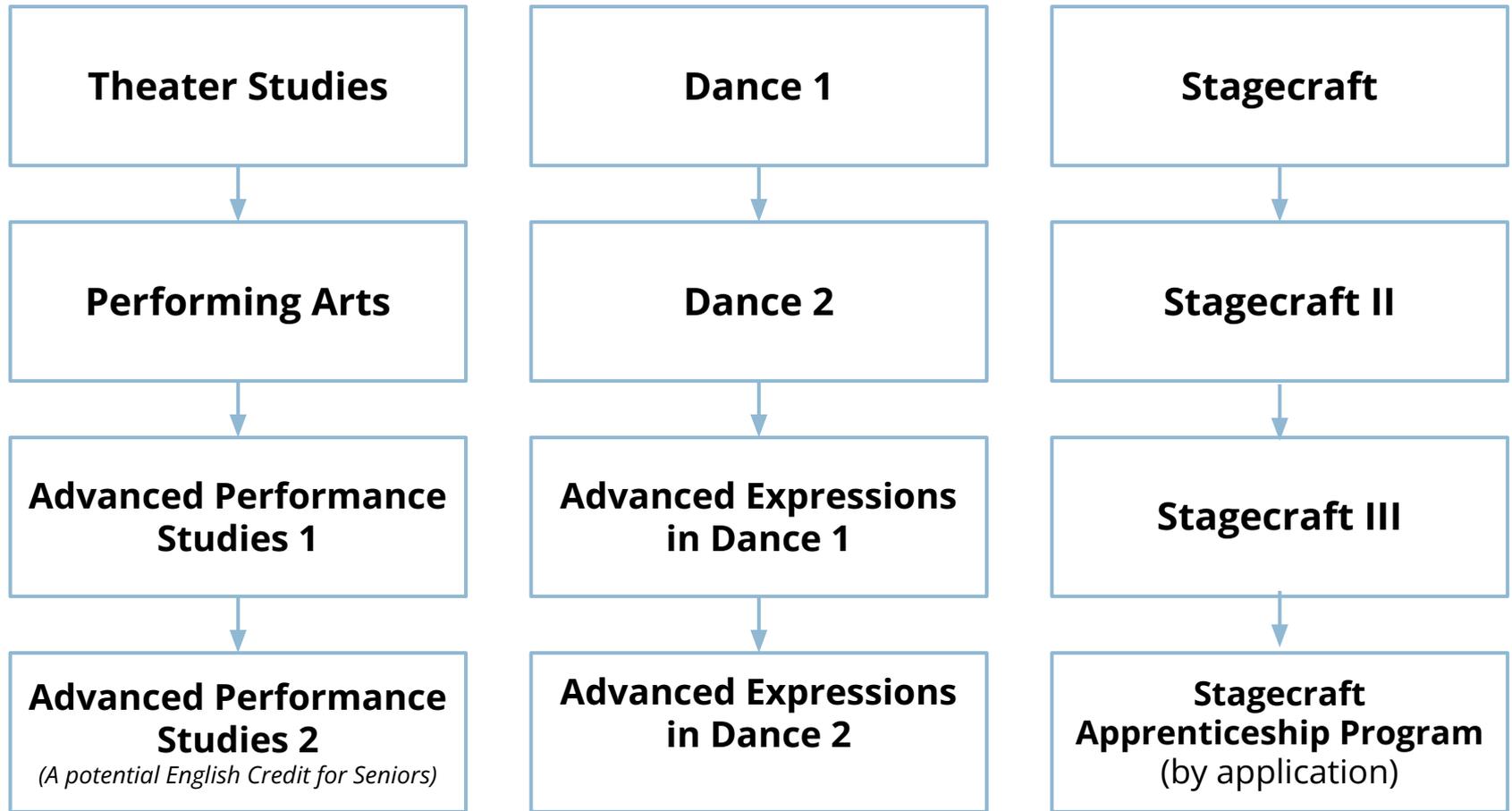
Dance  
Music  
Theater

## 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 and Dance



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

## Performing Arts: Music

### Performing Ensembles

Wind Ensemble  
Jazz Band  
Orchestra  
Choir

### Music Courses

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**



# Get Involved: Quaker Student Life Program

## Socialize

Make friends and have fun.



Upper School



# QSLP 25-26

## Cultivate & Refine

Grow and sharpen your skills.



## Explore & Discover

Try new things and locate passions.



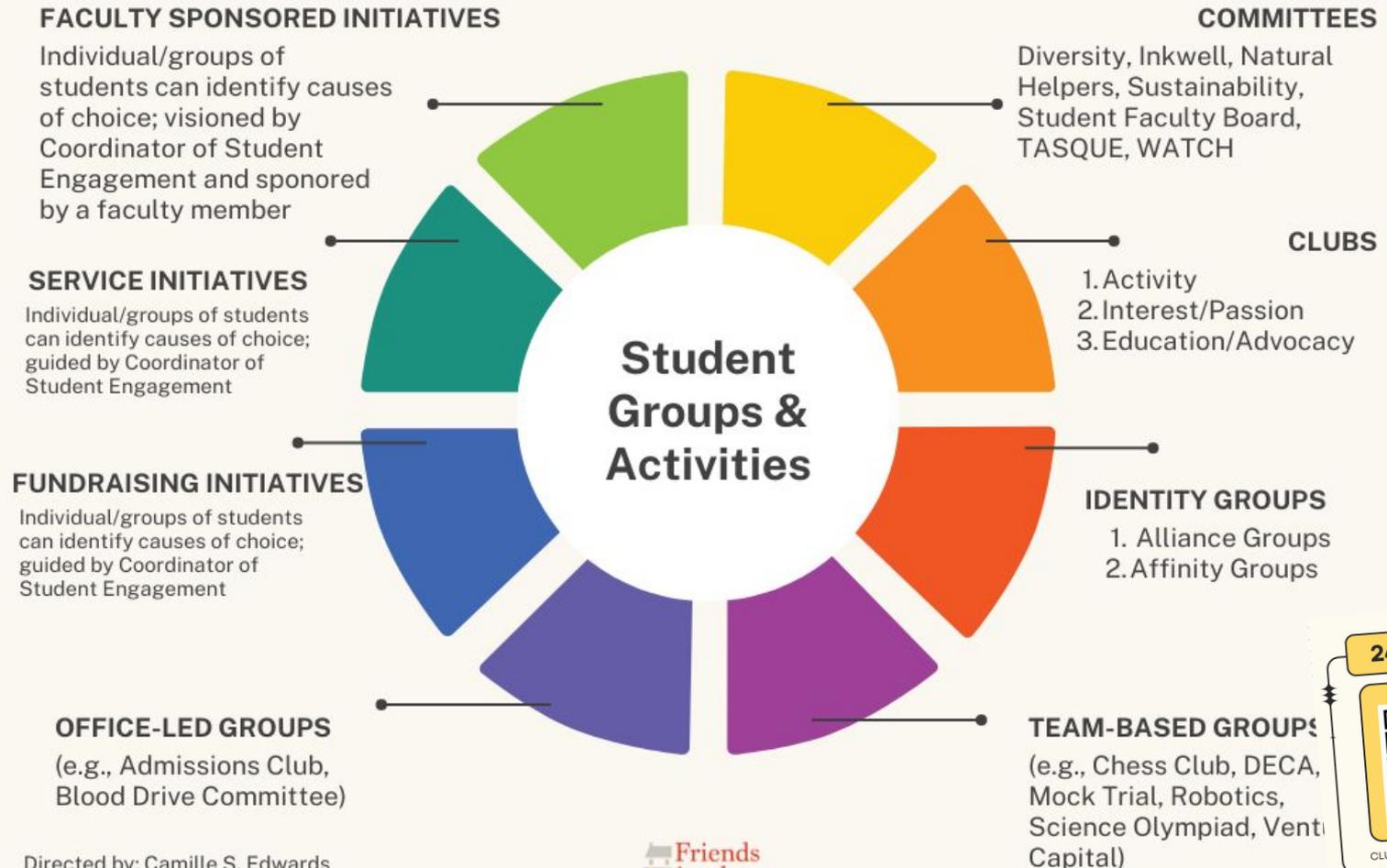
## Commit & Manifest

Invest in your goals and let your life speak.



# Get Involved: Quaker Student Life Program

## Quaker Student Life Program: *Let Your Life Speak*



Directed by: Camille S. Edwards



24-25 QSLP

CLUB & COMMITTEE DIRECTORY

Questions? Email [QSLPC@fa.org](mailto:QSLPC@fa.org)

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# Timeline and Procedures

- Schedule cards for rising 10-12th grade will be distributed at the student Pathways assembly. Lost schedule cards can be replaced by your academic/college counselor.
- **Rising 10-12th**: Students need to schedule a meeting with Mrs. Morgan (rising 10-11th) or their college counselor to finalize course selections for next year. **The schedule card will be filled out during the meeting**, and sent home for parent/caregiver signature following that meeting. Cards need to be returned to the student's academic/college counselor no later than **Monday, April 7th**.
- Scheduling priority will be given to forms/cards turned in on time.

## Schedule Policies

**Six Credit Policy:** Students are expected to take a minimum of 6 credits of courses.

**Seven Credit Policy:** Students may only take 7 full-time credits with permission from counselors and parent.

**Four AP Policy:** No student is permitted to take more than the equivalent of 4 AP credits, with the exceptions that AP Computer Science and AP Languages are permitted as a fifth AP credit for those students who meet the prerequisites for those courses.

# Important Contact Information

**Math Department Chair:** Jill Chiarenza, [jillian\\_chiarenza@fa.org](mailto:jillian_chiarenza@fa.org)

**Science Department Chair:** Jennifer Newitt, [jennifer\\_newitt@fa.org](mailto:jennifer_newitt@fa.org)

**English Department Chair:** Brad Wetherell, [brad\\_wetherell@fa.org](mailto:brad_wetherell@fa.org)

**History Department Chair:** Stephen Brennan, [stephen\\_brennan@fa.org](mailto:stephen_brennan@fa.org)

**World Languages Department Chair:** Sara Pozzi, [sara\\_pozzi@fa.org](mailto:sara_pozzi@fa.org)

**Computer Sci. Department Chair:** Ken Ambach, [ken\\_ambach@fa.org](mailto:ken_ambach@fa.org)

**Director of the Arts:** Andrew Geha, [andrew\\_geha@fa.org](mailto:andrew_geha@fa.org)

**College Counselors:** Ed Dugger, [edward\\_dugger@fa.org](mailto:edward_dugger@fa.org); Cullen Player, [cullen\\_player@fa.org](mailto:cullen_player@fa.org), and Amy Morgan, [amy\\_morgan@fa.org](mailto:amy_morgan@fa.org).

**9th-11th Grade Academic Advisor:** Amy Morgan, [amy\\_morgan@fa.org](mailto:amy_morgan@fa.org)

**Upper School Scheduler:** Sara Baldvins, [sara\\_baldvins@fa.org](mailto:sara_baldvins@fa.org)

**Assistant to US Principal:** Katherine Cleary, [katherine\\_cleary@fa.org](mailto:katherine_cleary@fa.org)

# Course Registration Form

Rising 10th Grade

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Student Name (printed)	Advisor
History (1 credit)	

## Global Perspectives

English (1 credit)

## Global Literature

Science (1 credit)

Math (1 credit)

Language (1 credit)

REQUIRED Elective(s) (1 credit total)

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OPTIONAL Elective(s) (up to 1 credit)

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**Scheduling Policies to Know:**

**Six credits** is the standard load. If you want to take seven credits, you must discuss the implications of this with Ms. Morgan.

Your schedule card must be completed, signed, and submitted to your academic advisor by **Monday, April 7**. Cards turned in after this deadline will not be given priority in the registration process.

<hr/>
Student Signature
<hr/>
Parent/Guardian Signature

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**To be filled out by Ms. Morgan:**

### Notes:

Please make sure to include any alternative electives you might consider or classes that you are not eligible for now but want to be reconsidered for at the end of the year.

\_\_\_\_\_ Arts Credit Complete

\_\_\_\_\_ Tech. Credit Complete

\_\_\_\_\_ Number of AP Credits

\_\_\_\_\_ Number of Total Credit

# Grade 10 Electives 2025-26 (see Course of Study for prerequisites)

## Part-Time Courses

### Science

\_\_\_ Science Research: DNA Barcoding (0.5) Year-long

### Computer Science

- \_\_\_ Robotics (0.25) Fall or Spring
- \_\_\_ Computer Game Design (0.25) Fall or Spring
- \_\_\_ Intro to Coding (0.25) Fall or Spring

### World Languages & Cultures

- \_\_\_ Introductory Latin (0.5) Year-long
- \_\_\_ Adv. Introductory Latin 1 or 2 (0.5) Year-long
- \_\_\_ Latin in Science & Law (0.25) Fall
- \_\_\_ Mythology (0.25) Spring

### Dance (PE or Art credit)

\_\_\_ Dance 2 (0.5) Year-long

### Music

- \_\_\_ Wind Ensemble (0.5) Year-long
- \_\_\_ Jazz Band (0.5) Year-long by audition only
- \_\_\_ Orchestra (0.5) Year-long
- \_\_\_ Chamber Choir (0.5) Year-long
- \_\_\_ Music Theory (0.25) Fall or Spring
- \_\_\_ Music Studio (0.25) Fall or Spring
- \_\_\_ Music Appreciation 1 or 2 (0.25) Fall or Spring

### Theater

- \_\_\_ Theater Studies (0.5) Year-long
- \_\_\_ Performing Arts (0.5) Year-long
- \_\_\_ Stagecraft I, II, III, or SCAP (0.25) Fall or Spring

### Digital Arts (Art or Tech credit)

- \_\_\_ Digital Design & Illustration 1 and 2 (0.25) Fall or Spring
- \_\_\_ Motion Arts 1 and 2 (0.25) Fall or Spring
- \_\_\_ Digital Animation (0.25) Fall or Spring
- \_\_\_ Advanced Media Arts 1 and 2 (0.25) Fall or Spring

## Part-Time Courses (continued)

### Photography

- \_\_\_ Digital Photo 1 or 2 (0.25) Fall or Spring, Art or Tech credit
- \_\_\_ Film Photo 1 or 2 (0.25) Fall or Spring

### Studio Arts

- \_\_\_ Studio Art 1, 2, 3, Adv. Studio 1, or 2 (0.25) Fall or Spring
- \_\_\_ Ceramics 1, 2, or Adv. Ceramics (0.25) Fall or Spring
- \_\_\_ Art & Community (0.25)

## Full-Time Courses

### Science

\_\_\_ AP Environmental Science (1.00) Year-long

### Computer Science

- \_\_\_ Introduction to Computer Science (0.5) Fall or Spring
- \_\_\_ AP Computer Science Principles (0.5) Spring
- \_\_\_ AP Computer Science A (1.0) Year-long

### History

- \_\_\_ AP European History (1.00) Year-long
- \_\_\_ Honors Art History (1.0) Year-long
- \_\_\_ GS: Honors International Relations (0.5) Fall
- \_\_\_ Herstory: Women in the World Past and Present (0.5) Spring
- \_\_\_ Resistance, Rebellion and Revolution (0.5) Fall

### Real World Problem-Based Electives

- \_\_\_ Entrepreneurship I (0.5) Fall
- \_\_\_ Entrepreneurship II (0.5) Spring



# Grade 11 Electives 2025-26

(see Course of Study for prerequisites)

## **Part-Time Courses**

### **Science**

\_\_\_ Science Research: DNA Barcoding (0.5) Year-long

### **Computer Science**

\_\_\_ Robotics (0.25) Fall or Spring

\_\_\_ Computer Game Design (0.25) Fall or Spring

\_\_\_ Intro to Coding (0.25) Fall or Spring

### **World Languages & Cultures**

\_\_\_ Introductory Latin (0.5) Year-long

\_\_\_ Adv. Introductory Latin 1 or 2 (0.5) Year-long

\_\_\_ Latin in Science & Law (0.25) Fall

\_\_\_ Mythology (0.25) Spring

### **Dance (PE or Art credit)**

\_\_\_ Adv. Expressions in Dance 1 or 2 (0.5) Year-long

### **Music**

\_\_\_ Wind Ensemble (0.5) Year-long

\_\_\_ Jazz Band (0.5) Year-long by audition only

\_\_\_ Orchestra (0.5) Year-long

\_\_\_ Chamber Choir (0.5) Year-long

\_\_\_ Music Theory (0.25) Fall or Spring

\_\_\_ Music Studio (0.25) Fall or Spring

\_\_\_ Music Appreciation 1 or 2 (0.25) Fall or Spring

### **Theater**

\_\_\_ Performing Arts (0.5) Year-long

\_\_\_ Stagecraft I, II, III, or SCAP (0.25) Fall or Spring

### **Digital Arts (Art or Tech credit)**

\_\_\_ Digital Design & Illustration 1 and 2 (0.25) Fall or Spring

\_\_\_ Motion Arts 1 and 2 (0.25) Fall or Spring

\_\_\_ Digital Animation (0.25) Fall or Spring

\_\_\_ Advanced Media Arts 1 and 2 (0.25) Fall or Spring

### **Photography**

\_\_\_ Digital Photo 1 or 2 (0.25) Fall or Spring, Art or Tech credit

\_\_\_ Film Photo 1 or 2 (0.25) Fall or Spring

### **Studio Arts**

\_\_\_ Studio Art 1, 2, 3, Adv. Studio 1, or 2 (0.25) Fall or Spring

\_\_\_ Ceramics 1, 2, or Adv. Ceramics (0.25) Fall or Spring

\_\_\_ Art & Community (0.25)

## **Full-Time Courses**

### **English**

\_\_\_ AP Seminar (1.0) Year-long

### **Science**

\_\_\_ AP Environmental Science (1.0) Year-long

\_\_\_ AP Psychology (1.0) Year-long

\_\_\_ Marine Biology (1.0) Year-long

\_\_\_ Forensics (1.0) Year-long

\_\_\_ Physics of Big and Small (0.5) Spring or Fall

\_\_\_ Organic Chemistry (0.5) Fall

### **Math**

\_\_\_ AP Statistics (1.0) Year-long

\_\_\_ Applied Statistics (1.0)

\_\_\_ Linear Algebra (0.5) Fall

### **Computer Science**

\_\_\_ PreAP Computer Science (0.5) Fall or Spring

\_\_\_ AP Computer Science Principles (0.5) Spring

\_\_\_ AP Computer Science A (1.0) Year-long

\_\_\_ Post AP: Electronic Design (0.5) Year-long

### **History**

\_\_\_ Honors Art History (1.0) Year-long

\_\_\_ AP Government & Politics (1.0) Year-long

\_\_\_ AP African American Studies (1.0) Year-long

\_\_\_ GS: Honors International Relations (0.5) Fall

\_\_\_ AP Macroeconomics (0.5) Spring

\_\_\_ AP Microeconomics (0.5) Fall

\_\_\_ Herstory: Women in the World Past and Present (0.5) Spring

\_\_\_ Introduction to Economics

\_\_\_ Baseball in America (0.5) Spring

### **Real World Problem-Based Electives**

\_\_\_ Entrepreneurship I (0.5) Fall

\_\_\_ Entrepreneurship II (0.5) Spring

### **Theater**

\_\_\_ Advanced Performance Studies 1 (1.0) Year-long

### **Visual Arts**

\_\_\_ AP Studio Art Portfolio (1.0) Year-long

# Course Registration Form

## Rising 12th Grade

**To be filled out by College Counselor:**

Student Name (printed)  
History (1 credit)

English (1 credit)

Please rank the electives to the right 1-6. We will try to schedule you for at least 1 of your top three choices.

Science (1 credit)

Math (1 credit)

Language (1 credit)

REQUIRED Elective(s) (1 credit total)

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OPTIONAL Elective(s) (up to 1 credit)

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Advisor

- AP English Literature (see prerequisites)
- AP Seminar (see prerequisites)
- AP Research (see prerequisites)
- Afro-Futurism & Mag. Realism (full year)
- American City Seminar (F)
- Creative Writing (F)
- Crime Fiction (F)
- Journalism (F)
- Reading Nature (F)
- Literature and the Apocalypse (S)
- Narrative of the Af. Am. Identity (S)
- Nonviolence and Social Change (S)
- Speech and Debate (S)
- Sports: Lit., Media, and Theory (S)

**Scheduling Policies to Know:**  
**Six credits** is the standard load. If you want to take seven credits. Your schedule card must be completed and submitted to your college counselor by **Monday, April 7.**

**Notes:**  
 Please make sure to include any alternative electives you might consider or classes that you are not eligible for now but want to be reconsidered for at the end of the year.

\_\_\_\_\_ Arts Credit Complete

\_\_\_\_\_ Tech. Credit Complete

\_\_\_\_\_ Number of AP Credits

\_\_\_\_\_ Number of Total Credit

\_\_\_\_\_ College Counselor

\_\_\_\_\_ Student Signature

\_\_\_\_\_ Parent/Guardian Signature

# Grade 12 Electives 2025-26

(see Course of Study for prerequisites)

## **Part-Time Courses**

### **Science**

\_\_\_ Science Research: DNA Barcoding (0.5) Year-long

### **Computer Science**

\_\_\_ Robotics (0.25) Fall or Spring

\_\_\_ Computer Game Design (0.25) Fall or Spring

\_\_\_ Intro to Coding (0.25) Fall or Spring

### **World Languages & Cultures**

\_\_\_ Introductory Latin (0.5) Year-long

\_\_\_ Adv. Introductory Latin 1 or 2 (0.5) Year-long

\_\_\_ Latin in Science & Law (0.25) Fall

\_\_\_ Mythology (0.25) Spring

### **Dance (PE or Art credit)**

\_\_\_ Adv. Expressions in Dance 1 or 2 (0.5) Year-long

### **Music**

\_\_\_ Wind Ensemble (0.5) Year-long

\_\_\_ Jazz Band (0.5) Year-long by audition only

\_\_\_ Orchestra (0.5) Year-long

\_\_\_ Chamber Choir (0.5) Year-long

\_\_\_ Music Theory (0.25) Fall or Spring

\_\_\_ Music Studio (0.25) Fall or Spring

\_\_\_ Music Appreciation 1 or 2 (0.25) Fall or Spring

### **Digital Arts (Art or Tech credit)**

\_\_\_ Digital Design & Illustration 1 and 2(0.25) Fall or Spring

\_\_\_ Motion Arts 1 and 2 (0.25) Fall or Spring

\_\_\_ Digital Animation (0.25) Fall or Spring

\_\_\_ Advanced Media Arts 1 and 2 (0.25) Fall or Spring

### **Photography**

\_\_\_ Digital Photo 1 or 2 (0.25) Fall or Spring, Art or Tech credit

\_\_\_ Film Photo 1 or 2 (0.25) Fall or Spring

### **Studio Arts**

\_\_\_ Studio Art 1, 2, 3, Adv. Studio 1, or 2 (0.25) Fall or Spring

\_\_\_ Ceramics 1, 2, or Adv. Ceramics (0.25) Fall or Spring

\_\_\_ Art & Community (0.25)

### **Theater**

\_\_\_ Stagecraft I, II, III, or SCAP (0.25) Fall or Spring

## **Full-Time Courses**

### **Science**

\_\_\_ AP Environmental Science (1.0) Year-long

\_\_\_ AP Psychology (1.0) Year-long

\_\_\_ Marine Biology (1.0) Year-long

\_\_\_ Forensics (1.0) Year-long

\_\_\_ Physics of Big and Small (0.5) Spring or Fall

\_\_\_ Organic Chemistry (0.5) Fall

### **Math**

\_\_\_ AP Statistics (1.0) Year-long

\_\_\_ Applied Statistics (1.0)

\_\_\_ Linear Algebra (0.5) Fall

\_\_\_ Multivariable Calculus (0.5) Spring

### **Computer Science**

\_\_\_ PreAP Computer Science (0.5) Fall or Spring

\_\_\_ AP Computer Science Principles (0.5) Spring

\_\_\_ AP Computer Science A (1.0) Year-long

\_\_\_ Post AP: Electronic Design (0.5) Year-long

### **History**

\_\_\_ Honors Art History (1.0) Year-long

\_\_\_ AP Government & Politics (1.0) Year-long

\_\_\_ AP African American Studies (1.0) Year-long

\_\_\_ GS: Honors International Relations (0.5) Fall

\_\_\_ AP Macroeconomics (0.5) Spring

\_\_\_ AP Microeconomics (0.5) Fall

\_\_\_ Herstory: Women in the World Past and Present (0.5) Spring

\_\_\_ Introduction to Economics (1.0) Year-long

\_\_\_ Baseball in America (0.5) Spring

\_\_\_ Resistance, Rebellion and Revolution (0.5) Fall

### **Real World Problem-Based Electives**

\_\_\_ Entrepreneurship I (0.5) Fall

\_\_\_ Entrepreneurship II (0.5) Spring

### **Theater**

\_\_\_ Advanced Performance Studies I or II (1.0) Year-long

### **Visual Arts**

\_\_\_ AP Studio Art Portfolio (1.0) Year-long