

# Fairfax High School

## Academic Advising

Course Selection for 2024-25 School Year



# Academic Advising

Students will develop and review course plans based on the following:

- Interests
- Graduation Requirements
- Long-Term Goals



# What is Your Plan?

- Are you working towards an Advanced Studies or Standard Diploma?
- Have you taken your sequential electives?
- What about Economics and Personal Finance?
- Have you taken one credit in Fine Arts OR Career/Technical Education?
- Have you taken an Honors, Dual Enrollment or Advanced Placement course?
- Graduation Requirements
- Long-Term Goals



# Rising 9th Grade

|                                |  |
|--------------------------------|--|
| <b>English</b>                 | <b>English 9, English 9 Honors</b>   |
| <b>Social Studies</b>          | <b>World Hist/Geog 1, World Hist/Geog 1 Honors</b>                         |
| <b>Math</b>                    | <b>Algebra 1, Geometry, Algebra 2</b>                                      |
| <b>Science</b>                 | <b>Biology, Biology HN, Environmental Science</b>                          |
| <b>Health and PE</b>           | <b>Health and PE 9</b>   |
| <b>Elective/World Language</b> | <b>Check Graduation Requirements Based on your Diploma Type</b>            |
| <b>Elective</b>                | <b>Explore your Interests; Every students needs a sequential elective!</b> |



# Rising 10th Grade

|                                |  |
|--------------------------------|--|
| <b>English</b>                 | <b>English 10, English 10 Honors</b>   |
| <b>Social Studies</b>          | <b>World Hist/Geog 2, World Hist/Geog 2 Honors, AP World History, AP Human Geography</b> |
| <b>Math</b>                    | <b>Choose Next Level of Math</b>   |
| <b>Science</b>                 | <b>Chemistry, Chemistry HN, Active Physics</b>   |
| <b>Health and PE</b>           | <b>Health and PE 10 includes Driver's Education</b>                                      |
| <b>Elective/World Language</b> | <b>Check Graduation Requirements Based on your Diploma Type</b>                          |
| <b>Elective</b>                | <b>Explore your Interests; Every students needs a sequential elective!</b>               |

# Rising 11th Grade

|                         |  |
|-------------------------|--|
| English                 | English 11, English 11 Honors, English 11 Composition DE, AP English   |
| Social Studies          | US/VA History, US/VA History HN, AP US History   |
| Math                    | Choose Next Level of Math  |
| Science                 | <b><i>ONE of these is required for Advanced Studies Diploma:</i></b> Physics (all levels), Geosystems, Geosystems HN, AP Environmental Science<br>Other Options: Human Anat, AP Biology, AP Chemistry, Genetics and Biotech, Geospatial Analysis |
| Elective/World Language | Check Graduation Requirements Based on your Diploma Type   |
| Elective                | Have you taken Economics and Personal Finance?   |
| Elective                | Explore your Interests; Every students needs a sequential elective!  |

# Rising 12th Grade

|                |   |
|----------------|---|
| English        | English 12, English 12 HN, English 12 Composition DE, English 12 Literature DE (level 2), AP English Literature |
| Social Studies | US/VA Government, US/VA Gov Honors, AP US Gov, AP Comp & Gov  |
| Math           | Choose Next Level of Math<br><i>Recommended if you plan to attend college.</i>                                  |
| Science        | Advanced Studies Diploma: Choose 4th Science<br><u><i>Recommended if you plan to attend college.</i></u>        |
| Elective       | Check Graduation Requirements Based on your Diploma Type  |
| Elective       | Continue to explore interests.  |
| Elective       | Have you completed your sequential elective?  |

# Diploma Types

## STANDARD DIPLOMA

22 CREDIT REQUIREMENTS FOR GRADUATION

|   | <u>Units of Credit</u> | <u>Verified Credits</u>   |
|---|------------------------|---------------------------|
| <input type="checkbox"/> English                          | 4                      | 2                         |
| <input type="checkbox"/> Mathematics                      | 3                      | 1                         |
| <input type="checkbox"/> Laboratory Sciences              | 3                      | 1                         |
| <input type="checkbox"/> History & Social Sciences        | 3                      | 1                         |
| <input type="checkbox"/> Health & Physical Education      | 2                      |                           |
| <input type="checkbox"/> Fine Arts OR CTE                 | 1                      |                           |
| <input type="checkbox"/> World Language, Fine Arts OR CTE | 1                      |                           |
| <input type="checkbox"/> Econ and Personal Finance        | 1                      |                           |
| <input type="checkbox"/> Electives                        | 4                      |                           |
| <b>Total</b>  | <b>22 Credits</b>      | <b>5 Verified Credits</b> |

**Additional Requirements:**

**Virtual Course, First Aid/CPR/AED Training, and AP/HN Course OR CTE Credential**

## ADVANCED DIPLOMA

26 CREDIT REQUIREMENTS FOR GRADUATION

|  | <u>Units of Credit</u> | <u>Verified Credits</u>   |
|--|------------------------|---------------------------|
| <input type="checkbox"/> English                     | 4                      | 2                         |
| <input type="checkbox"/> Mathematics                 | 4                      | 1                         |
| <input type="checkbox"/> Laboratory Sciences         | 4                      | 1                         |
| <input type="checkbox"/> History & Social Sciences   | 4                      | 1                         |
| <input type="checkbox"/> Health & Physical Education | 2                      |                           |
| <input type="checkbox"/> World Language              | 3 OR 2+2               |                           |
| <input type="checkbox"/> Fine Arts or CTE            | 1                      |                           |
| <input type="checkbox"/> Econ and Personal Finance   | 1                      |                           |
| <input type="checkbox"/> Electives                   | 3                      |                           |
| <b>Total</b>   | <b>26 Credits</b>      | <b>5 Verified Credits</b> |

**Additional Requirements:**

**Virtual Course, First Aid/CPR/AED Training, and AP/HN Course OR CTE Credential**

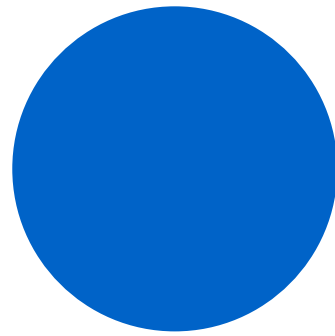
**[FCPS Graduation Requirements Website](#)**



# Verified Credits

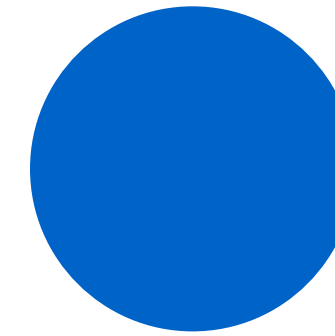
## Math (1)

Algebra  
Geometry  
Algebra 21



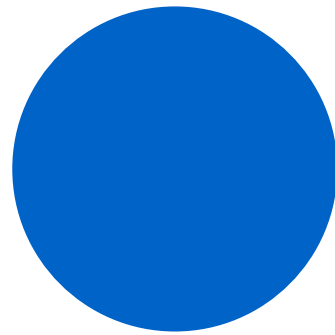
## Science (1)

Biology  
Chemistry  
Geosystems



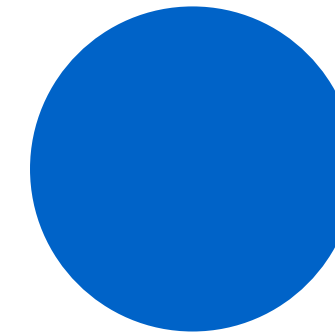
## Social Studies (1)

World History 1  
World History 2  
US VA History



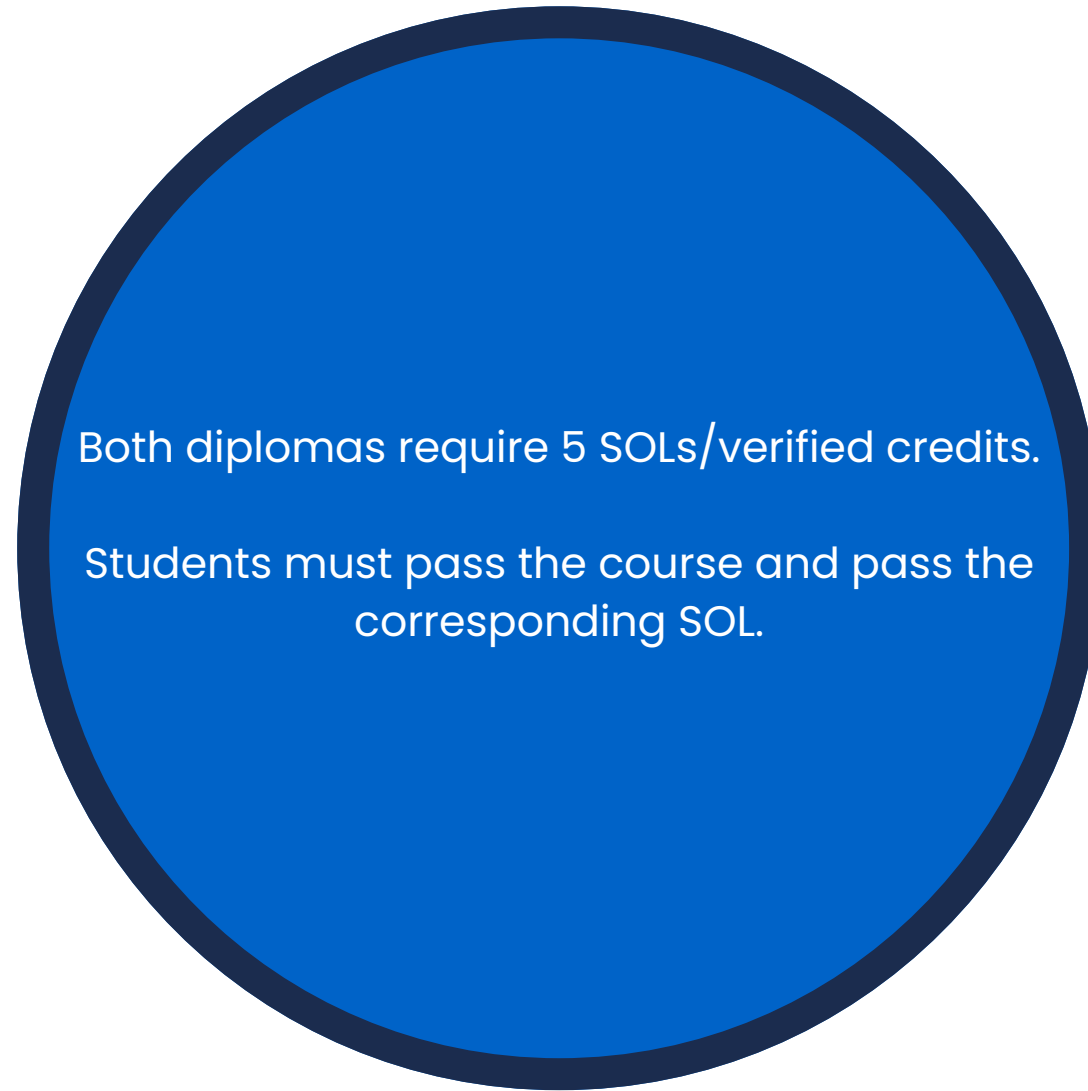
## English (2)

English 11 Reading  
English 11 Writing

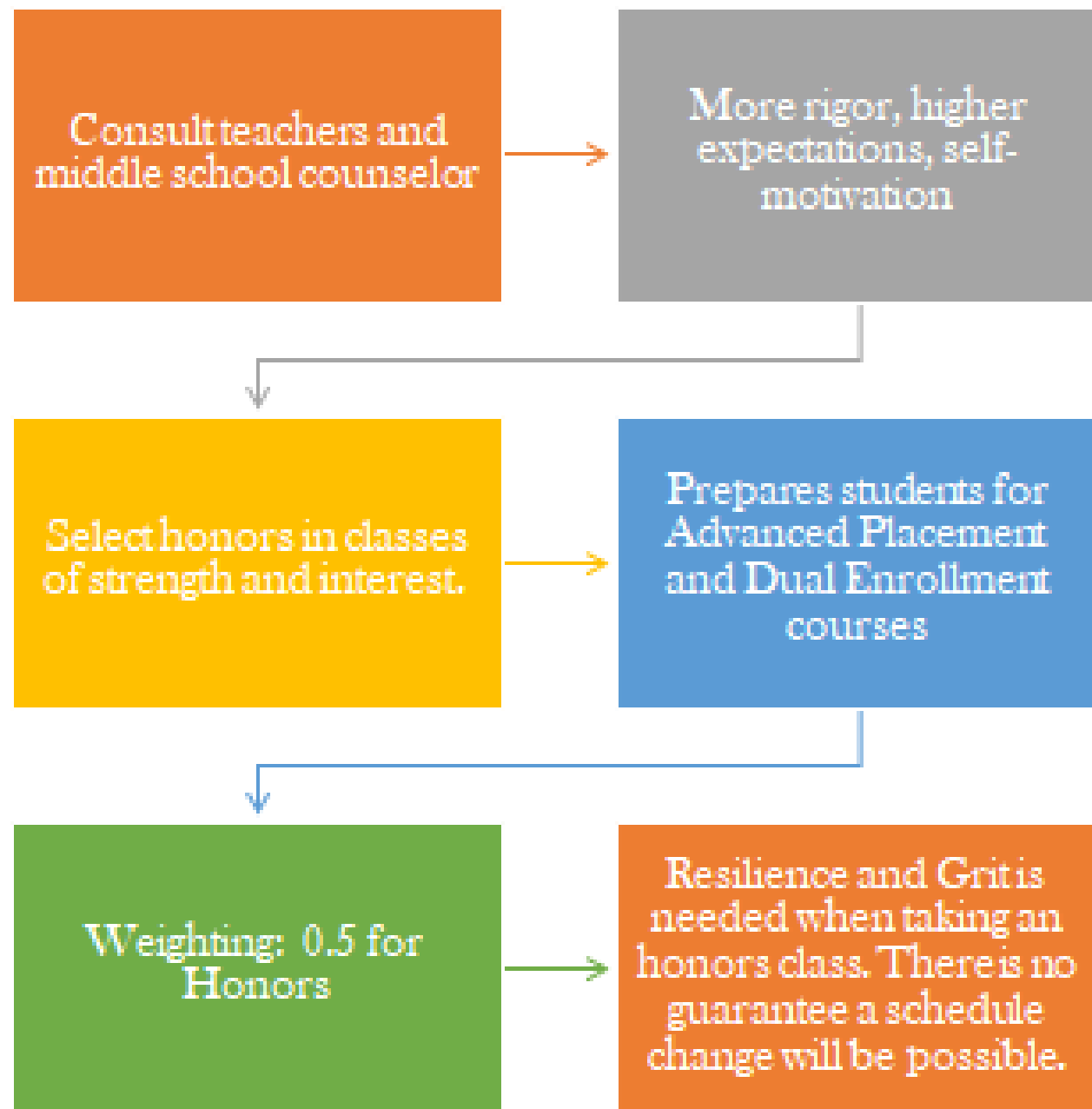


Both diplomas require 5 SOLs/verified credits.

Students must pass the course and pass the corresponding SOL.



# Considering Honors Courses



Are you comfortable with writing and reading independently?

For **world languages**, are you struggling in year 2?

Do you have strong organizational skills?

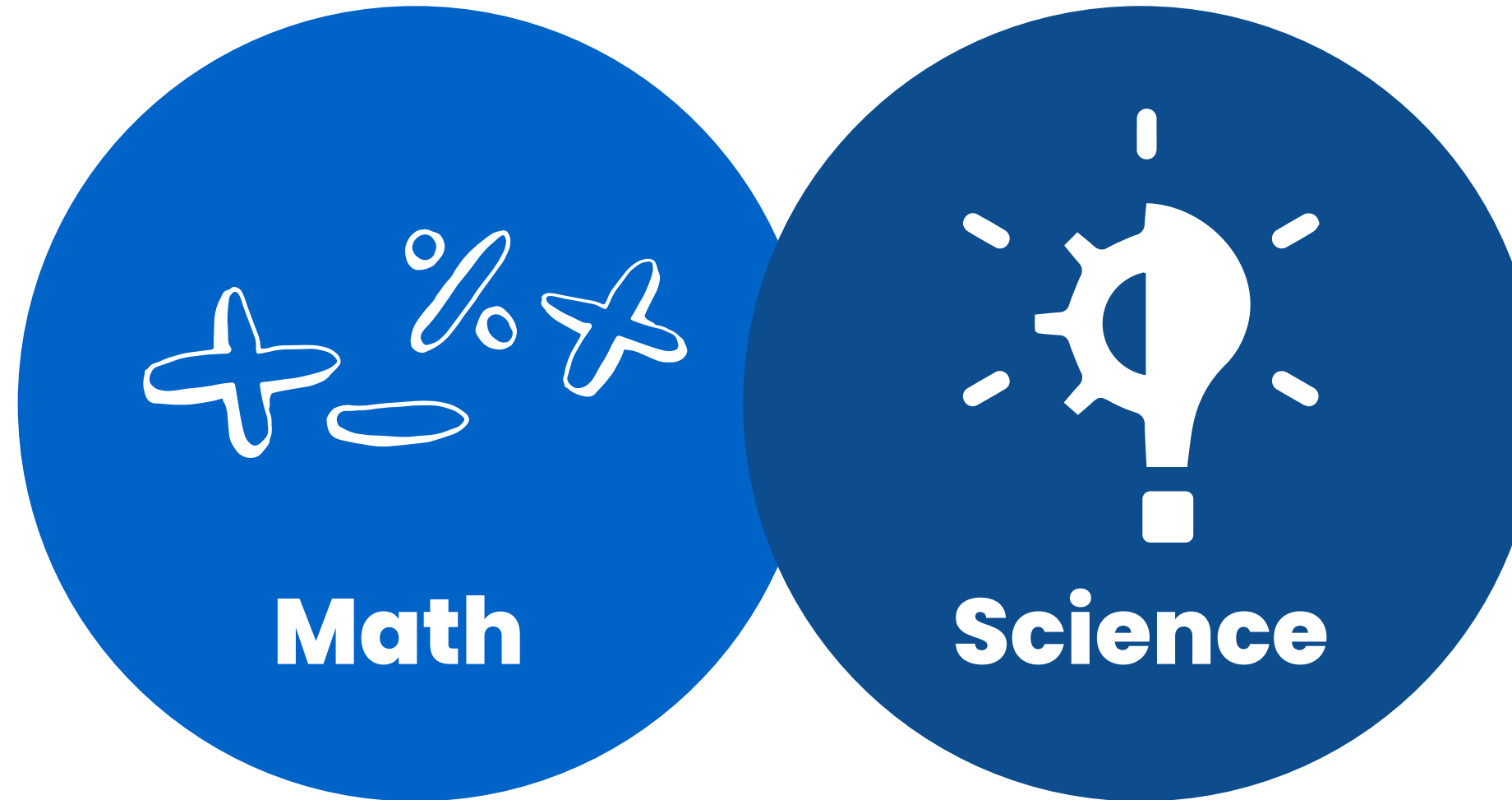
Do you complete homework and classwork ONTIME?

Do you maintain good attendance?

Do you manage time responsibly?

Are you afraid to ask for help?

Interested in expanding your knowledge?



# Math

It is NOT recommended to advance in math over the summer.

Students who want to take honors or AP courses in math, should expect an increase in rigor and fast pace work environment.

# Science

Honors classes have independent student research projects, greater rigor in mathematical and chemical applications, and deeper content.

There are math requirements for certain science courses.

- **Chemistry HN:** must be enrolled in Alg 2 or higher
- **AP Chemistry:** must complete Bio, Chem, and Algebra 2
- **AP Physics 1:** must be enrolled in Precalc or higher
- **AP Physics C:** must be enrolled in AP or DE calculus

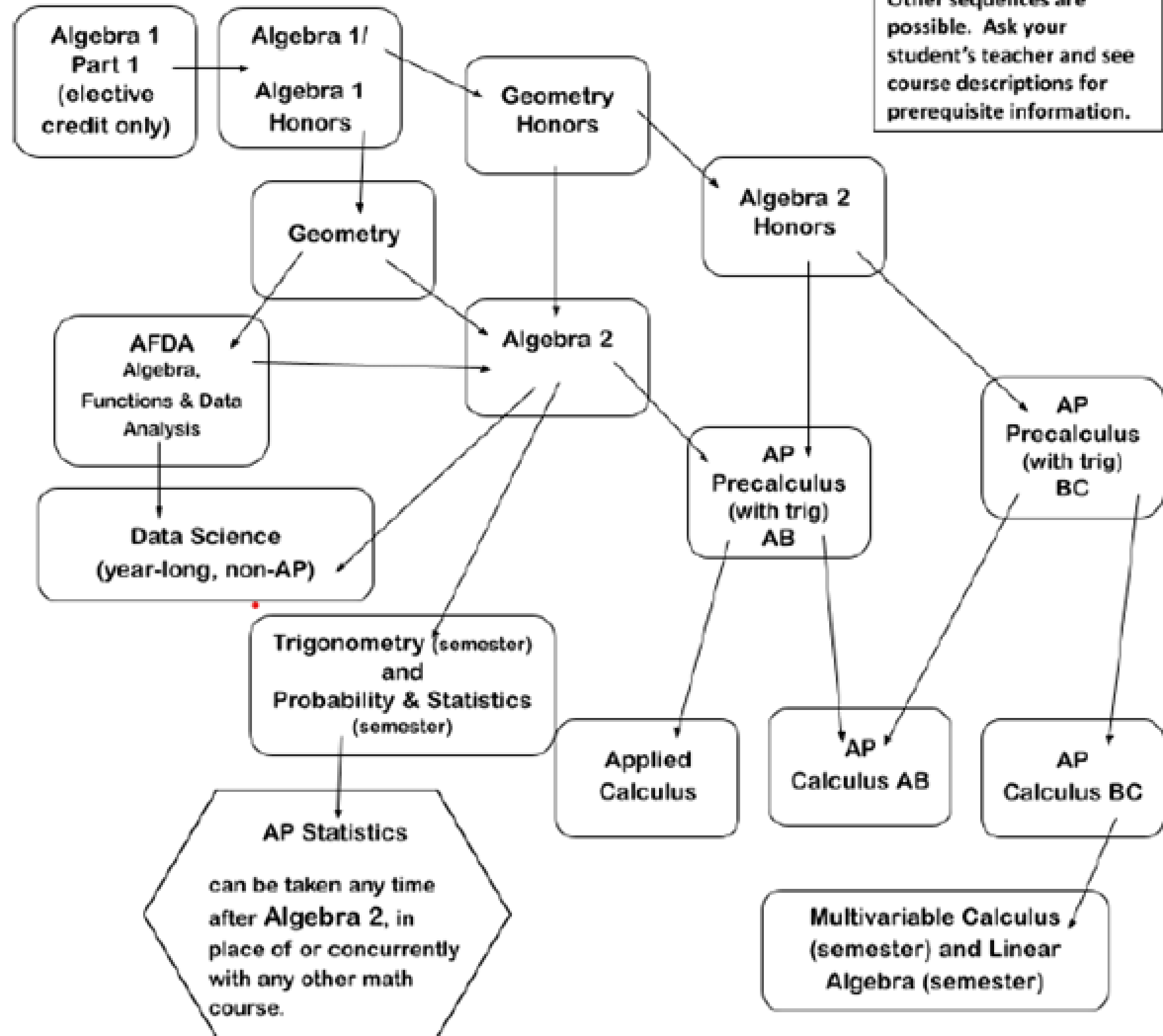


Math Department

# Math/Computer Science Pathways 2024-2025

**KEY:**  
 Standard sequence  
 →

Other sequences are possible. Ask your student's teacher and see course descriptions for prerequisite information.



# Math Pathways

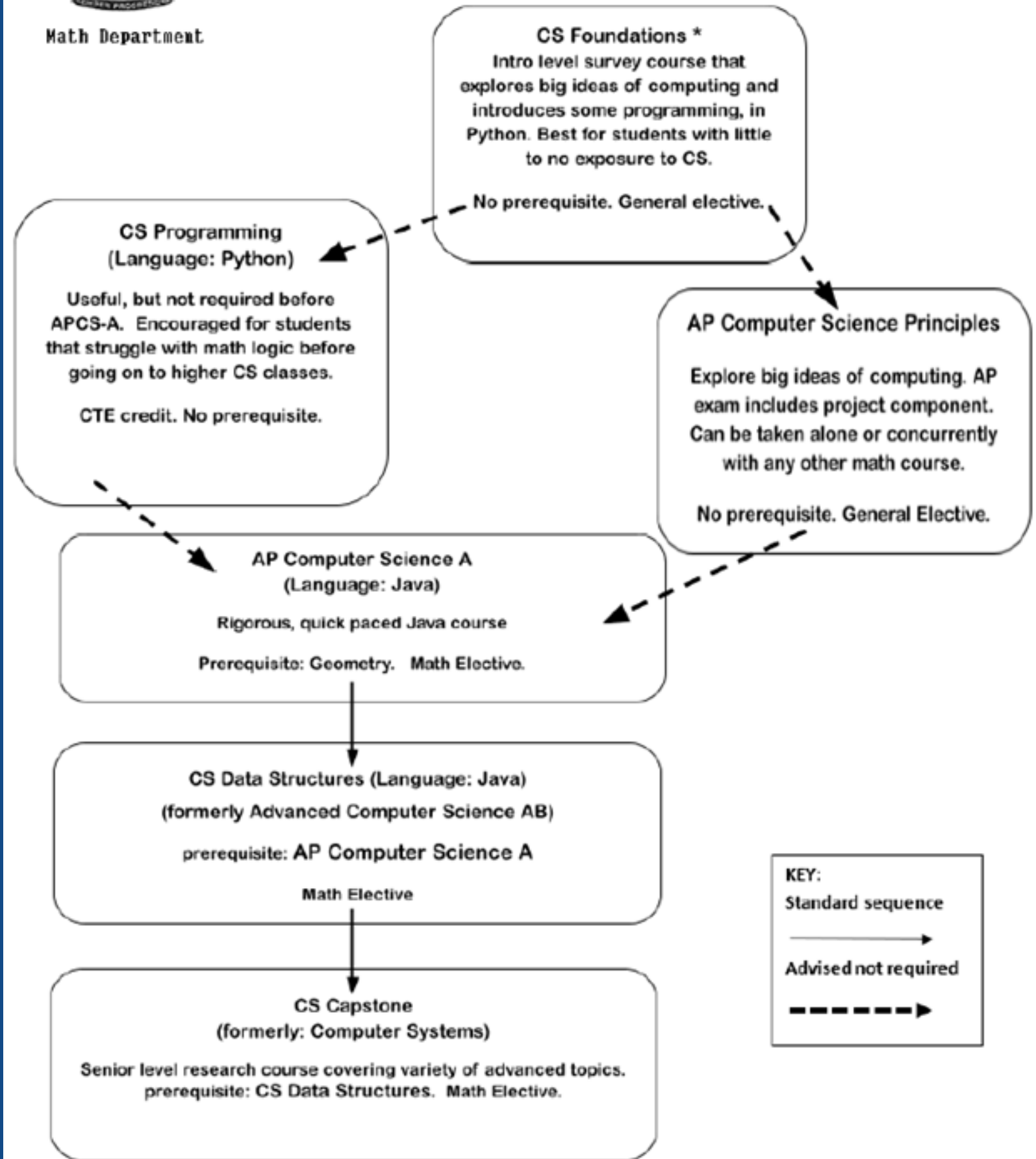




Math Department

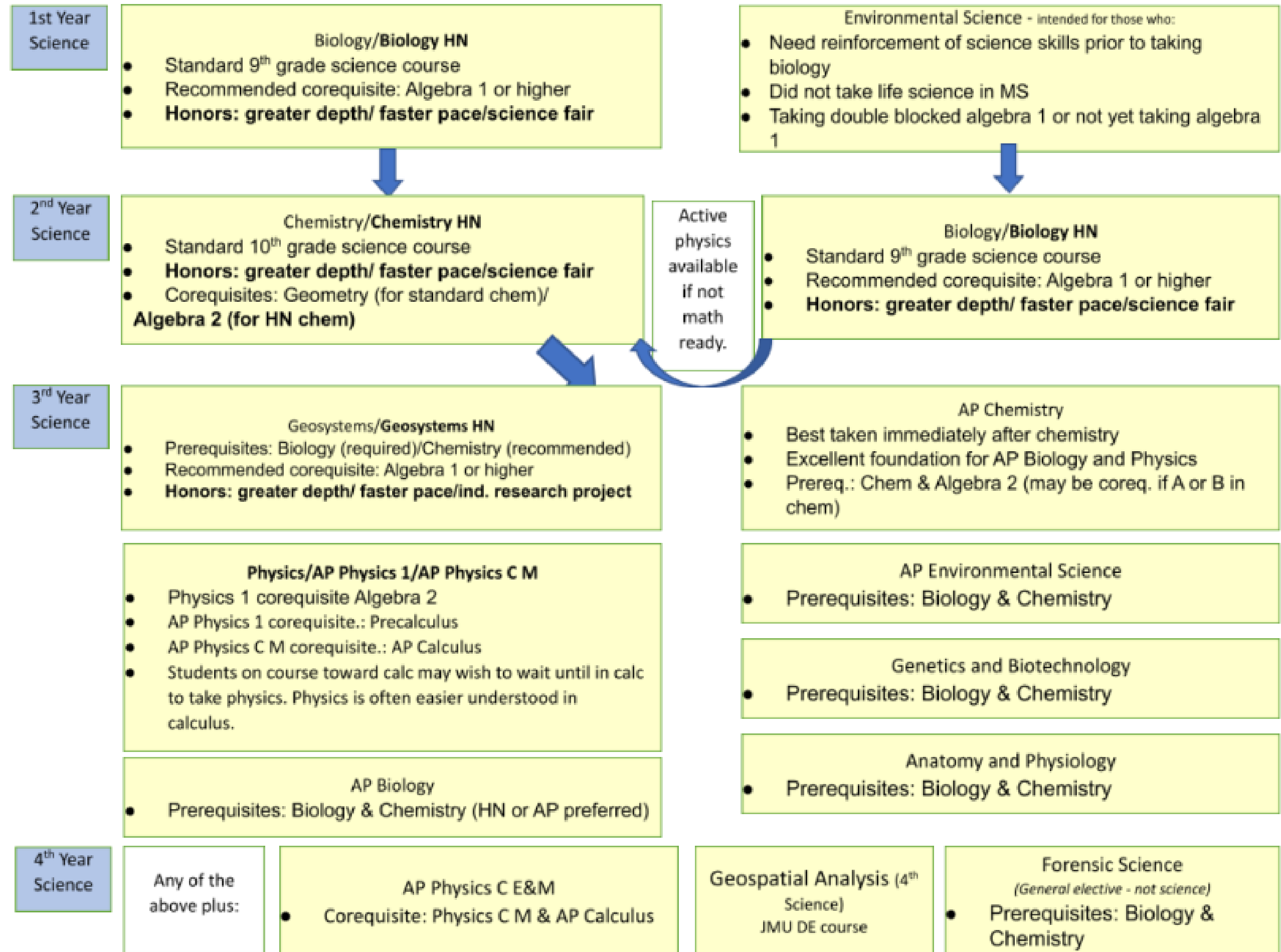
# Computer Science Pathways\* 2024-2025

\*shown from least rigorous to most



# Computer Science Pathways

# Science Pathways



# Choosing Electives



# Academy Courses

A high school academy is a center within an existing high school that offers advanced technical and specialized courses that successfully integrate career and academic preparation. FHS students can attend an Academy to access these specialized courses during the school day; bus transportation can be requested to/from FHS to the Academy site.


Students must notify their counselors if they want to take an Academy course. On-time registration for academy classes is Friday, March 6. Each Academy course has limited space and enrollment requests are not guaranteed.

Students who request an Academy class will be notified on March 31, 2024 through their FCPS email about their registration status (admitted, denied, waitlisted). Students who are waitlisted or denied will automatically be placed into their alternate elective(s) they selected during their Advising meeting with their counselor. Students who are admitted to an Academy class are not guaranteed to take that course during a specific class period.





# Academy Courses



**FAIRFAX Academy** FOR COMMUNICATIONS & THE ARTS

**'24 OPEN HOUSE**  
2/6/24  
6:30-7:30 PM  
FAIRFAX ACADEMY  
3501 LION RUN  
FAIRFAX, VA. 22030

**COME LEARN MORE ABOUT OUR EXCITING PROGRAMS IN COMMUNICATIONS & FINE AND PERFORMING ARTS FOR FCPS STUDENTS!**

**Course List**  
Arabic, ASL, Chinese, Dance, Fashion Careers, Game Design, Korean, Music & Computer Technology, Musical Theatre & Actor Studio, Pro Photo, Social Media Marketing, and TV Media Production

**Meet Our Staff!  
See Lab Spaces!  
Learn About our Classes!**

Snow Date 2/13  
fairfaxacademy.fcps.edu




**CHANTILLY ACADEMY OPEN HOUSE**

Chantilly Governor's STEM Academy offers advanced Career & Technical Education courses for FCPS high school students.

Join us to learn more about our exciting programs!

- Hear from our Principal – Scott Settar
- Speak directly with our Instructors and Students


**January 18, 2024**  
**6:30 – 8:00 p.m.**



SnowDate: January 24, 2024, 6:30 PM

**CA**  
CHANTILLY ACADEMY  
4201 Stringfellow Rd., Chantilly, VA 20151

**Course List**  
Air Force JROTC  
Auto Collision  
Auto Technology  
Carpentry  
Cisco  
Cloud Computing  
Cosmetology  
Criminal Justice  
Culinary Arts  
Dental Careers  
Engineering Math  
Engineering Systems  
Exploring IT  
Exploring Health Sciences  
a. Language of Medicine  
Fashion Marketing 2  
Firefighting  
Intro to Nursing  
Korean  
Marketing Management  
Medical Assistant  
Network Administration  
Oracle  
Pharmacy Technician  
Physical Therapy & Occupational Therapy  
Robotics Systems  
Security Capstone  
Systems Tech  
STEM Engineering  
Teachers for Tomorrow  
Veterinary Science



**Falls Church Academy OPEN HOUSE**

|                                    |                                |
|------------------------------------|--------------------------------|
| American Sign Language             | Medical Assistant              |
| Biotechnology Foundations          | Pharmacy Technician            |
| Criminal Justice                   | Vietnamese                     |
| Dental Careers                     | * = Courses at The Plum Center |
| Emergency Medical Technician       | *Introduction to Nursing       |
| Exploring Health Sciences          | *Patient Care Technician       |
| Exploring the Language of Medicine | *Practical Nursing             |

**MEET OUR STAFF & LEARN ABOUT OUR CLASSES**

WHEN: January 10<sup>th</sup>, 2024 • 6:00-8:00pm (In-Person)  
WHEN: January 18<sup>th</sup>, 2024 • 6:30-7:30pm (Virtual)  
Link: Will be available soon!




Visit the [Academy Courses Google Site](#)

# College Partnership Program

College Partnership Program (CPP) helps high school students prepare for college. Students attend monthly meetings and information sessions.

The mission is to help students who face additional barriers to achieving their higher education goals.

Academic counseling.

College visits.

Help with completing college and scholarship applications.

Monthly meetings.

Parent education sessions.

SAT preparation classes.

A summer overnight experience on a college campus.

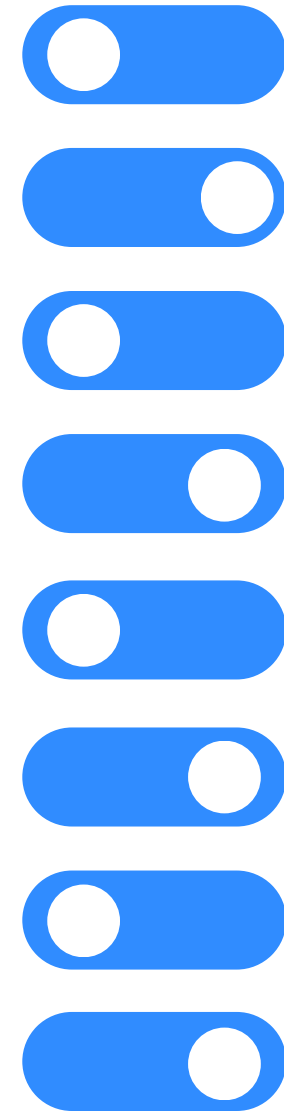
News and information related to colleges and careers via Schoology.

Applications will be posted to Schoology in February or come and see your school counselor.



COLLEGE  
PARTNERSHIP  
PROGRAM

# AVID



**Students are given tools to succeed in most rigorous courses; improve discussion and problem-solving skills; learn effective study habits; maintain motivation throughout school; and much more!**

**Application Required**





# FCPS Dual Enrollment

Dual Enrollment courses allow high school students to earn credit toward their high school diploma and college credit at the same time. Some course credits are transferable to a four-year college while other course credits can only be used for two-year Associates degrees or career certificate programs at Northern Virginia Community College.

The deadline to complete the registration process for DE courses is Friday, March 22, 2024.

[FCPS Student DE Site](#)

[DE Checklist & Registration Packet](#)





# DE Courses Available for FHS Students

## **Fairfax High School**

English 11 DE (Composition)  
English 12 DE (Composition)  
English 12 Literature DE (level 2)  
Entrepreneurship 1/2 DE  
Teachers for Tomorrow DE  
French 4 DE  
Latin 4 DE  
Spanish 4 DE

## **Falls Church Academy**

Exploring the Language of Medicine DE  
*\*\*course must be taken with Exploring Health Sciences\*\**

## **FCPS Online Campus**

English 11 DE (Composition)  
English 12 DE (Composition)  
English 12 DE (Literature) **\*\*pre-requisite is English 11 DE\*\***  
Precalculus w/ Trig DE  
Calculus DE  
Virginia & US Government DE  
African American History DE  
Advanced Programming DE  
Exploring the Language of Medicine DE





# FCPS Online Campus

## **Students who wish to take courses through FCPS Online Campus must understand the following:**

- Mandatory virtual classes are held once a week for 60 – 90 minutes in the late afternoon or early evening. Class times are established during course orientation in late August. Timing is NOT guaranteed, so students must be flexible with their personal/activity schedules.
- Course meetings take place on certain days, based on subject.
  - **Mondays:** Career and Technical Education (CTE) and Health and Physical Education (HPE)
  - **Tuesdays:** English and Science
  - **Wednesdays:** Mathematics and World Language
  - **Thursdays:** Social Studies
- Attendance for the Online Campus is determined by (1) daily work submission, and (2) active, engaged participation at the weekly live-online class sessions. (Students are expected to turn on their webcam their weekly synchronous class meeting.) Students not meeting the attendance and/or work requirements for FCPS Online Campus are subject to administrative removal from the Online Campus.
- Students will complete an average of 5–6 hours of asynchronous work weekly, outside of the mandatory weekly class meeting. Courses are NOT self-directed; students must follow fixed deadlines, daily or weekly assignments, and face-to-face exams.
- All students must attend in person exams.
- FCPS high school students may register for up to 2 credits as part of their standard 7 credits for the school year. Students registering for more than seven credits will be charged \$680 (\$340 reduced lunch/\$68 free lunch) per additional credit in October.
- Students must use their FCPS assigned laptops or devices that meet the [Technology & Skills Checklist for FCPS Online Courses](#).

# FCPS Summer School & Economics/Personal Finance

## FCPS Summer Learning Online Campus

Registration for most classes begins January 9, 2024 and ends June 7, 2024. (Some summer courses are filled prior to June; early planning and registration is encouraged.)

Details for each course offered and required midterm and final exam dates are posted on the website.

Students should speak with their school counselor to ensure a course aligns with their four-year plan/graduation requirements.

Student Services does NOT recommend students take a math or science course over the summer for advancement.

If a student wants to take a summer school course in order to access a different class the following school year (for example, take Health & PE 10 over the summer before 10th grade to make room for another elective class), students must register for the summer school course and receive a grade.

## Self-Directed Economics & Personal Finance: Summer Learning

Registration Available Starting January 2024

This course does not meet face-to-face.

Students may only take this course as "Pass/Fail".

Review more information [here](#).





## Academic Advising Meetings

FHS counselors will meet with students on the following dates for Academic Advising through English classes:

- **Rising 12 Grade Students (Class of 2025)** – Jan. 17 to Feb. 1
- **Rising 11th Grade Students (Class of 2026)** – Jan. 31 to Feb. 15
- **Rising 10th Grade Students (Class of 2027)** – Feb. 17 to Feb. 27

Students will select 7 courses and 3 alternates during their meetings with counselors.

Academy Deadline for On-time Registration is **Friday, March 6.**

[Deadline for changes to course request are Friday, June 7.](#)

Please contact your school counselor for any additional questions.





# School Counselors & Clinicians

## Student Services Staff

