

Academic Advising 2022-2023



Lewis High School's Academic Mission

100%
graduation and
definitive plan

- Admission to a 4-year school
- Enrollment at NOVA or a 2-year college
- Industry licensure or certification
- Secured employment
- Apprenticeship
- Gap year
- Enlistment in the military

Diploma: The Choice is Yours

- Questions to consider would be...
 - How many more credits do I need?
 - Do I need a world language?
 - Do I have a sequential elective?
 - Have I taken an Economics and Personal Finance course, if not, when and how will I be taking it?
 - Do I have a Fine Art or CTE credit?

All information is available on our website or see your school counselor for further information.

Course Selection Logistics

- Seven Courses
- Two Alternate electives
- Academy classes cannot be alternates
- Course selection sheets need to be complete before you meet with your counselor



Course Selection Things To Think About

- Rigor
- Current Grades
- Teacher Recommendations
- Post Secondary Plans
- Extracurriculars
- Interest



Core Academic Department Information



English Sequencing

9th Grade	10th Grade	11th Grade	12th Grade
English 9 or English 9 Honors	English 10 or English 10 Honors	English 11 or English 11 Honors or IB English 1 SL or HL or English 11 DE	English 12 or English 12 Honors or IB English 2 SL or HL or English 12 DE



Math Sequencing

Standard Diploma sample pathways

Year 1	Year 2	Year 3
Algebra 1 or Algebra 1 Honors	Geometry or Geometry Honors	Algebra, Functions, and Data Analysis or Algebra 2 or Algebra 2 Honors

Year 1	Year 2	Year 3	Year 4
Algebra 1 Part 1	Algebra 1	Geometry	Algebra 2 or Algebra, Functions, and Data Analysis

Advanced Diploma sample pathways

Year 1	Year 2	Year 3	Year 4
Algebra 1 or Algebra 1 Honors	Geometry or Geometry Honors	Algebra 2 or Algebra 2 Honors	Trigonometry/Probability and Statistics Precalculus with Trigonometry AP Statistics IB Math Applications and Interpretations IB Math Analysis



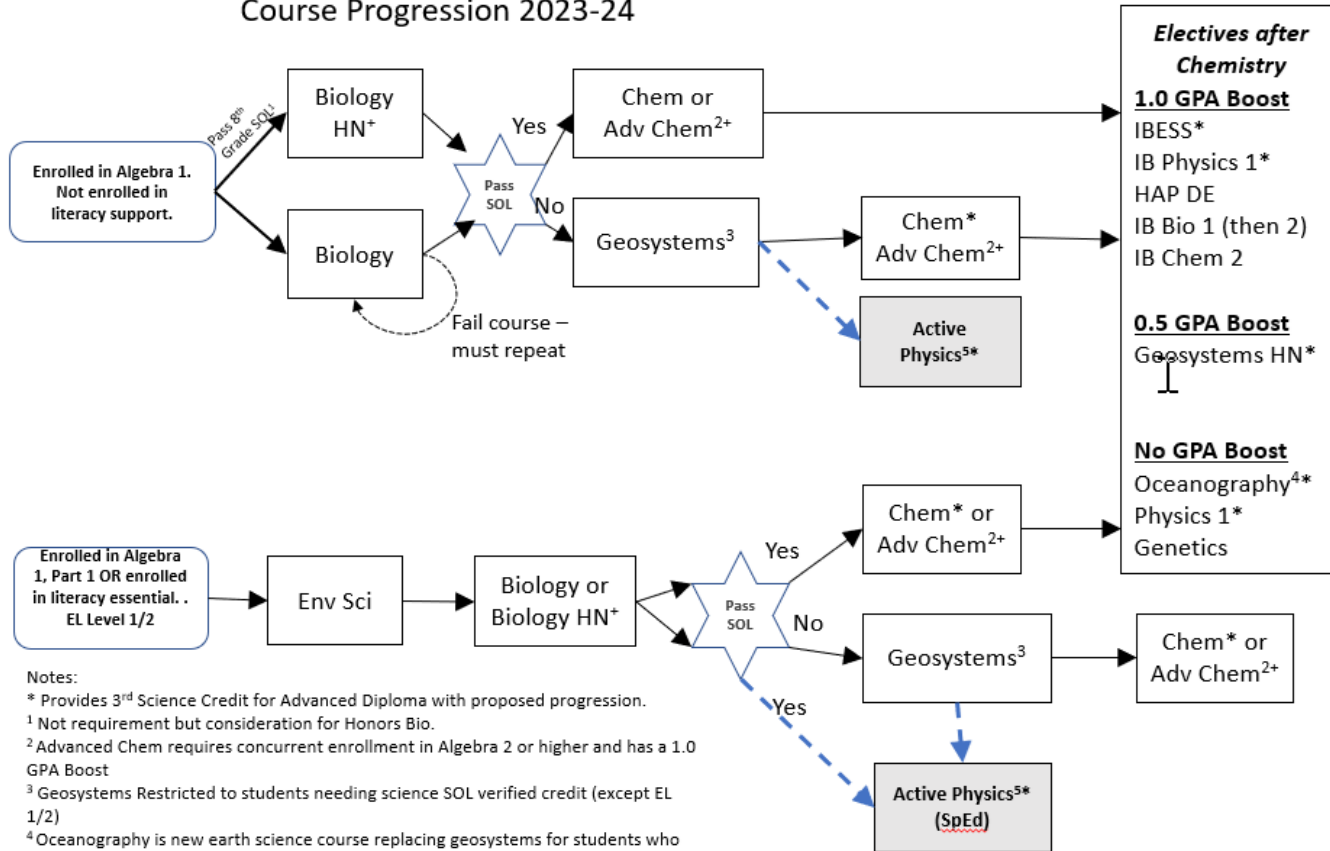
Social Studies Options and Course Sequences for 2023-2024

Track	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Standard Diploma (3 Social Studies credits)	World History & Geography I (Standard or Honors)	US/VA Government (Standard, AP or Honors)	US/VA History (Standard or Honors)	No required Social Studies course as long as the student has obtained 3 SS credits. Social Studies electives options are available.
Advanced Diploma (4 Social Studies Credits)	World History & Geography I (Standard or Honors)	US/VA Government (Standard, AP, or Honors)	US/VA History (Standard or Honors)	World History & Geography II (Standard); IB Geography (we highly recommend you encourage students to take the IB course)
IB/Advanced Diploma (4 Social Studies Credits)	Honors World History & Geography I	AP or Honors US/VA Government	IB History of the Americas	IB 20 th Century Topics



Science Sequence

Course Progression 2023-24



Notes:

- * Provides 3rd Science Credit for Advanced Diploma with proposed progression.
- ¹ Not requirement but consideration for Honors Bio.
- ² Advanced Chem requires concurrent enrollment in Algebra 2 or higher and has a 1.0 GPA Boost
- ³ Geosystems Restricted to students needing science SOL verified credit (except EL 1/2)
- ⁴ Oceanography is new earth science course replacing geosystems for students who do NOT need a verified credit
- ⁵ Active Physics only offered to small group SoEd and possibly as needed for math support
- + Courses have a GPA Boost – Bio HN = +0,5, Adv Chem = +1.0

Electives after Chemistry

1.0 GPA Boost

- IBESS*
- IB Physics 1*
- HAP DE
- IB Bio 1 (then 2)
- IB Chem 2

0.5 GPA Boost

- Geosystems HN*

No GPA Boost

- Oceanography^{4*}
- Physics 1*
- Genetics



Interested in Online Classes?

Students can take up to 2 online classes during the school year.

Students interested in classes we currently do not offer should discuss this option with their counselor.

**If we offer the course at Lewis
you must take it here.**



Interested in an academy course?

Edison Academy Courses

- Automotive Collision 1-3
- Criminal Justice 1-2
- Culinary Arts 1-3
- Cyber computer classes (many options)
- Electrical Construction 1-3
- Heating, Ventilation & AC 1-2
- Veterinary Science 1-2
- Construction Technology 1-2



West Potomac Academy Courses

- Biotechnology Foundations
- Dance (academy, Broadway, Hip Hop)
- Dental Careers 1-2
- Emergency Medical Telecommunications
- Exploring Health Sciences/the Language of Medicine
- Fire & Emergency Medical Services
- Introduction to Nursing 1 & 2
- Medical Assistant 1/2
- Music & Computer Technology
- Pharmacy Technician 1-2
- Physical/Occupational Therapy 1-2
- Social Media Marketing
- TV/Media Production 1-3



Interested in summer school classes?

If you are planning on taking a summer course: students who meet the course prerequisites can take one online course for a fee.

You should discuss this with your school counselor prior to registration.

Registration for courses is based on space available and courses can close at any time.



What happens next?

- Teacher conferences
- Electives Fair
- Fill out your course selection sheet
- Meet with your counselor



When will I meet with my counselor??

- Rising 12th: Jan. 17 through English classes
- Rising 11th: Feb. 1 through Government classes
- Rising 10th: Feb. 23 through PE 9 classes
- ESOL students will meet in ELD class with Ms. Barrios



Academic Advising Resources

- Graduation requirements
- Electives and Academy FlipGrids
- Course selection sheets
- Course catalogues & more!

<https://lewishs.fcps.edu/index.php/student-services/academic-advising>

****How to get there:**

1. Go to <https://lewishs.fcps.edu/>
2. Click “Full Menu” on the top left
3. Click “Student Services”
4. Click “Academic Advising”



Important Dates to Remember

Mon. - Wed. Jan. 9 and 11th - Begin meeting with teachers to discuss next year course suggestions

Friday, Jan. 13 - In person Electives Fair

January 2023 - Summer School registration opens

Tue. Jan. 17 - Individual academic advising meetings begin with counselors based on grade level

Tue. Mar. 7 at 3:00 p.m. - Online Applications and Academy Applications **DUE**

