

AP Environmental Sciences Pathway

Lynnwood High School



The AP Environmental Sciences STEAM pathway is designed for students interested in pursuing high demand, high wage jobs in the Environmental and Natural Resources industry, and have an interest in caring for and protecting our physical environment.

- ✓ Enjoy applying scientific principles to address climate change, pollution and other global challenges facing our planet.
- ✓ Enjoy the outdoors and hands-on learning experiences.

PATHWAY REQUIREMENTS

Science (3 credits)

- Biology (1 cr.)
 - Chemistry (1 cr.)
 - Advanced Science options (1 cr.)
 - Advanced Horticulture
 - Physics or AP Physics
 - Biotechnology
 - AP Environmental Science*
 - AP Biology*
 - AP Computer Science*
 - Applied Engineering/Manufacturing
- * Class can be used to meet science requirement if not used as Pathway Specialty course below

English (4 credits)

- English 9 (1 cr.)
- English 10 (1 cr.)
- English 11 or AP (1 cr.)
- English 12 Capstone (1 cr.)

Math (4 credits in grades 9-12)

- Algebra (1 cr.)
- Geometry (1 cr.)
- Algebra 2 (1 cr.)
- Advanced Math options (1 cr.)
 - Bridge to College Math
 - Financial Algebra
 - Honors Pre-Calculus
 - AP Calculus AB
 - AP Calculus BC
 - AP Statistics
 - AP Computer Science A

Arts (2 credits)

- Any combination of Arts classes

Pathway Specialty courses (2 credits)

- AP Env. Science** or Horticulture (1 cr.)
- 2nd Pathway Specialty credit options (1 cr.):
 - AP Env. Science (if not already selected)
 - Horticulture (if not already selected)
 - AP Biology (if not already selected)
 - AP Computer Science
 - Intro to Engineering Design

** If selecting AP Env. Science, students must take 1 credit of CTE from Pathway Specialty courses, electives or other areas.

Electives (3 credits)

- World Language or other electives based on student pathway (2 cr.)
- Other Electives (1 cr.)

Other Requirements (6 credits)

- Social Studies (3.5 cr.)
- Health and PE (2 cr.)
- Personal Finance (.5 cr.)

Total Credits: 24

SAMPLE PLAN WITHOUT 4 YEARS PERFORMING/VISUAL ARTS

Grade 9	
English 9	
Math – Algebra 1 or higher	
Science - Biology	
World Hist. 9 or Honors	Health
PE	Art
World Language Year 1 or Other Electives	
Grade 10	
English 10	
World History 10 or AP	
Math – Geometry or higher	
Science - Chemistry	
PE	Art
World Language Year 2 or Other Electives	
Grade 11	
English 11 or AP	
US History or AP	
Math – Algebra 2 or higher	
Advanced Science – From Menu of Choices	
Pathway Specialty Course	
PE	Art
Grade 12	
English – English 12 Capstone	
Advanced Math – From Menu of Choices	
Civics/CWP, Ethnic Studies, or AP Government	
Elective	Elective
Pathway Specialty Course	
Personal Finance	Art

SAMPLE PLAN WITH 4 YEARS OF PERFORMING/VISUAL ARTS

Grade 9	
English 9	
Math – Algebra 1 or higher	
Science - Biology	
World Hist. 9 or Honors	Health
Performing/Visual Arts Class(es)	
World Language Year 1 or Other Electives	
Grade 10	
English 10	
World History 10 or AP	
Math – Geometry or higher	
Science - Chemistry	
Performing/Visual Arts Class(es)	
World Language Year 2 or Other Electives	
Grade 11	
English 11 or AP	
US History or AP	
Math – Algebra 2 or higher	
Performing/Visual Arts Class(es)	
Pathway Specialty Course	
Advanced Science – From Menu of Choices	
Grade 12	
English – English 12 Capstone	
Advanced Math – From Menu of Choices	
Civics/CWP, Ethnic Studies, or AP Government	
Performing/Visual Arts Class(es)	
Pathway Specialty Course	
Personal Finance	PE

Where can this Pathway take me after high school?

Jobs you can get right after High School:	Jobs you can get with 2-years continued education:	Jobs you can get with 4 years continued education:
<ul style="list-style-type: none"> ▪ Fish and Wildlife Worker ▪ Groundskeeper 	<ul style="list-style-type: none"> ▪ Bio-Resource Technician ▪ Environmental Engineering Technician ▪ Fish and Wildlife Technician ▪ Hydrology Technician ▪ Irrigation Specialist ▪ Landscaper ▪ Wind Turbine Service Technicians 	<ul style="list-style-type: none"> ▪ Agriculture Engineering ▪ Botanist ▪ Conservation Scientist ▪ Environmental Engineer ▪ Forester ▪ Hydrologist ▪ Marine Biologist ▪ Soil and Plant Scientist

Notes:

- 1 credit of PE waived/substituted for students pursuing a plan with 4 years of Performing Arts
- Adjustments to Pathway Science, English, and Mathematics courses can be made for EL and Special Education students based on their IEP and recommendations of the IEP Team.