

# **Environmental Science Academy**

## **Academy Overview:**

The Environmental Science Academy is dedicated to the conservation and responsible management of the environment and to the wise use of its resources. Members of this Academy are concerned with creating and maintaining a healthy environment for current and future generations

## **Academy Pathways:**

- **Conservation and Management**
  - *Biological science focus*
- **Industry and Manufacturing**
  - *Physical science focus*

Regardless of the pathway, all Environmental Science students will be challenged to examine the relationships between humans and their environment from a variety of perspectives. Students will have the opportunity to integrate coursework in the sciences, social sciences, and humanities, as well as professional programs of management, public policy, design, and law.

## **Academy Certification:**

- Students will receive a certificate of completion and an official seal on their diploma for completing the required coursework for an academy pathway.
- Required of all students in the Environmental Science Academy;
  - **Field Studies I (10 credits)**
- Must select a minimum of 40 credits from within one of the following pathways (\*Future course offering. Additional courses may be offered in future school years).

<b><u>Conservation and Management</u></b>	<b><u>Industry and Manufacturing</u></b>
<ul style="list-style-type: none"><li>▪ Biotechnology</li><li>▪ Chemistry in the Community</li><li>▪ AP Biology</li><li>▪ Advanced Biological Research</li><li>▪ Entomology</li><li>▪ Architectural Design I/II</li><li>▪ Field Studies I, II*</li><li>▪ Entomology</li><li>▪ *Zoology</li><li>▪ *Academy Internship</li></ul>	<ul style="list-style-type: none"><li>▪ Chemistry in the Community</li><li>▪ Chemistry</li><li>▪ AP Chemistry</li><li>▪ Physics</li><li>▪ Drafting I/II</li><li>▪ Biotechnology</li><li>▪ Field Studies I, II*</li><li>▪ *Academy Internship</li></ul>