



# AGRICULTURE AND ENVIRONMENTAL SYSTEMS At Emerald Campus

For students interested in the environment, being outdoors, or working with animals.

To prepare for a post-high school career, students should choose an interdisciplinary mix of classes, with a focus on Chemistry, Environmental Science, Biology, Earth Science, and math.



### **Emerald Campus Spotlight options:**

- **IB Chemistry HL (2 years) - Grades 11 and 12**
- **IB Environmental Systems and Societies SL (1 year) - Grades 11 or 12**

**IB Chemistry** delves into the chemical intricacies of composition, chemical cycles, and the effects of inputs on reactions, providing crucial insights for sustainable farming practices. Meanwhile, **IB Environmental** addresses the broader environmental context, emphasizing the impact of human activities on ecosystems, biodiversity, and the importance of sustainable development.

### **Sample 4 Year Plan emphasizing Emerald Campus options:**

9th	Any English I	Geometry	Physical Science	Modern World History	Study Hall	PE (0.25)/ PE (0.25)	World Language
10th	Any English II	Algebra II	Biology	US History	Arts (0.5)/ Financial Lit (0.5)	Health (0.5)/ Arts (0.5)	World Language
11th	IB English Language and Literature Yr 1	Precalculus	<u>IB Environmental SL</u>	IB Global Politics SL	<u>IB Chemistry HL Yr 1</u>	IB Business SL	IB World Language Yr 1
12th	IB English Language and Literature Yr 2	IB Math Analysis and Approaches SL	Young Professionals Academy Block/ Elective	Young Professionals Block (Continued)/ Dublin Co-Op	<u>IB Chemistry HL Yr 2</u>	Elective	IB World Language Yr 2