

## **SCIENCE & TECHNOLOGY CONCENTRATION**

**Description:** The *Science & Technology Concentration* is designed for students who seek to develop a more in-depth understanding of the science of environmental problems, and of the complex interactions between science, technology, the environment and society, which requires integrating knowledge across multiple disciplines.

**Questions:** What is a scientific method and how is it employed in studying environmental degradation? How does the relationship between technology and society shape human perceptions and relationships to environmental risks and harms? What is the role for science and technology in finding better solutions to environmental problems? How should scientists and technology leaders interact – as experts – with political institutions, nongovernmental organizations and the broader public to communicate their reasons and judgements about environmental risks and harms?

**Skills:** Social science and environmental research methods, scientific analysis, mapping and data presentation, data analysis, GIS, remote sensing.

### **Relevant fields/careers:**

- Environmental consulting and advocacy
- Government
- Law
- Environmental writing
- Environmental education