

# IB 1 Environmental Systems & Society

Course Outline 2016-2017

International School of Prague

Website: <http://goo.gl/Evba6>

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The objective of this course is to provide students with a coherent perspective of the interrelationships between environmental systems and global societies. A perspective that enables them to adopt an informed, personal response to the wide range of pressing environmental issues they will face in the future. Voting, purchasing, eating - students' attention will be constantly drawn to their own relationship with the environment and significance of choices and decisions they make. It is intended that students develop a sound understanding of the interrelationships between humans and their environment, rather than a cursory appreciation of environmental issues.

## Topics Covered in IB ESS Year 1:

1. [TOPIC 1: Foundations of Environmental Systems & Societies](#)
2. [TOPIC 2: Ecosystems & Ecology](#)
3. [TOPIC 3: Biodiversity & Conservation](#)
4. [TOPIC 4: Water & Aquatic Food Production Systems & Societies](#)
5. [TOPIC 5: Soil Systems & Terrestrial Food Production Systems & Societies](#)

## Topics Covered in IB ESS Year 2:

6. [TOPIC 6: Atmospheric Systems & Societies](#)
7. [TOPIC 7: Climate Change & Energy Production](#)
8. [TOPIC 8: Human Systems & Resource Use](#)

**Textbook:** Students can access them here at school, online, and at home.

## Internal Assessment (Springtime → Winter of Year 2):

The IA will be in the form of a rigorous lab report, based on an investigation students have carried out individually, and may vary in length of experimentation. We will begin them in the spring, but we will be practicing how to do the science many times before that in order to help with the practical side of studying sciences.

## Group 4 Project (June):

The Group 4 Project is a collaborative activity where students from the Group 4 subjects (Biology, Chemistry, ESS, Computer Science, and my favorite, Physics) work together on a scientific investigation. It takes all day, much like a Stretch Day, allowing collaboration amongst groups of 7-8 students. The past five years the project has been environmentally focused with field work performed in Divoká Šárka across the street and then brought back to all the labs. More to follow...