

### **ES7032 Environmental Sustainability (3AUs)**

In this inter-disciplinary introduction to environmental science, we will look at 1) the interconnections between biological, geological, and chemical processes, 2) how human behavior responds to and shapes these processes, and 3) how interdisciplinary communication, through scientific research, governmental policy, economics, and education, is essential for identifying, managing, and solving for human impacts on the natural world.

This course will provide opportunities for you to learn the basics of the environmental system (i.e., biogeochemical, energy and biological cycles), understand more about natural resource and waste management, share insights you have gained from the coursework with students from other programs, and identify, evaluate, and propose solutions to relevant sustainability issues.

This course is suitable for students from all disciplines, and it does not require you to have a science background. We have had students from across the different schools and we do not require you to have any 'A' Level background in biology. The content related to the basics of the environmental system will be catered to students with no prior background in the sciences.

You should take up this course because it concerns you! As we are faced with more and more news about environmental issues, it is imperative for you to understand what is reported, whether these issues are supported by scientific evidence, and what can you do about environmental issues through your lifestyle choices, your political action, or your career.