4-week academic program at UBC in Vancouver, BC, Canada
Social and cultural activities (tours, museums, games, sports, and more!)
Group airport pick-up/drop-off and shared accommodations on UBC campus
June 6th - July 6th

Package A: Food for a Healthy and Sustainable Planet

SUSTAINABLE FOOD AND FARMING SYSTEMS
Our food and farming systems are one of the greatest causes of global environmental problems. This course provides an overview of global agriculture, its historical evolution, environmental consequences, socio-economic dimensions, and some proposed solutions for addressing these challenges.

SUSTAINABLE DIETS AND NUTRITION
Despite rapid growth in cereal production over the last 50 years, hunger and malnutrition persist. A nutritious diet is critical to raising the quality of life of a large section of the world’s population. This course will explore what a healthy and sustainable diet means. Concepts include dietary diversity, food safety, and the relationship between diets, human health, and planetary health.

Package B: Sustainable Futures

NATURE MATTERS - ECOLOGY, THE ENVIRONMENT AND YOU
Ecosystems and the benefits they provide to people lie at the heart of many sustainability issues (such as food security, energy production, and resource management). This course explores human impacts on ecosystems, the benefits that ecosystems provide people (ecosystem services), methods for analyzing impacts and benefits, and decision-making.

OCEANS IN THE 21ST CENTURY
This course provides an overview into ocean conservation issues, including the role of oceans in economic development, food provisioning, climate change, transport, and recreation. The course includes lectures and field trips that highlight diversity of ocean issues, as well as guest lectures and visits to organizations that tackle components of ocean challenges.

July 11th - August 11th

Package A: Climate Change, Energy, and Society

CLIMATE CHANGE: CAUSES, CONSEQUENCES AND ADAPTATION
Climate change resulting from the use of fossil fuels is perhaps the single greatest collective challenge facing society in the 21st century. This course will explain the science behind human induced climate change, and examine possible consequences and impacts across the world.

ENERGY FOR SUSTAINABLE DEVELOPMENT
Climate change is only one of many challenges we face, and innovation in energy systems will be needed to reduce greenhouse gas emissions. From the development of renewables such as solar and wind, to the deployment of complex networked technologies, technological innovation holds the key to our energy future. This course will examine what is driving these innovations, how their benefits can be maximized, and what social and policy efforts are needed.

Learn more at: ires.ubc.ca/courses/vancouver-summer-program