


Program Overview (Development Studies Programs Offered by Various Universities)

Name of University	Hokkaido University
Name of School	Graduate School of Environmental Science, Division of Environmental Science Development
Features of School	<p>The mission of our graduate school is to generate new research knowledge for the understanding and protection of our global environment and develop technologies, tools and services to facilitate a transformation to a low carbon and resource efficient society. The field of education and research covers various phenomena, issues, and perspectives related to the environment. More than 140 foreign students from 35 countries are currently registered. For the forthcoming future, our graduate school aims to support breakthrough research across disciplines, develop the next generation of global leaders, and build transformative educational and research partnerships across the region and globe.</p> <p>https://www.ees.hokudai.ac.jp/</p>
Program Outline	<p>Japan had suffered from severe environmental problems such as pollutions during high economic growth period. Currently we reached highest environmental standard in the world. We aim to foster leaders in the field of environmental science and administration by providing education on history of environmental field in Japan, environmental law, restoration techniques, process of environmental administration, and current method of environmental management.</p>
Outline of Subjects	<p>“Fundamental Course in Environmental Science ”</p> <p>The objectives of this course are, to learn several basic and introductory issues in the environmental science and to understand the current environmental problems such as eco-system and land use.</p> <p>“Introduction to Global Environmental Management ”</p> <p>In this lecture class, international issues of various environmental problems including Japanese experiences are taken up and discussed them with students from various countries. The problems are shared with each other and the measurements to protect the environments are discussed.</p> <p>“Advanced Course in Environmental Pollution Comparison ”</p> <p>The main participants of this course should be international students who are responsible for protecting environments for the next generations of industrially developing countries. In this lecture, students will understand the geology, geography and natural environment of their own countries and learn from both success and failure experiences in Japan and other countries.</p>

	<p>“Introduction to Renewable Energy ”</p> <p>With few natural resources, Japan has made great efforts to secure a stable supply of energy since the oil crisis in 1970's. Referring to the precedents and development experiences inside or outside of Japan, this lecture will help understand comprehensively current situations and issues of renewable energy by recognizing characteristics of each energy source.</p>
<p>Related URL</p>	<p>http://educate.academic.hokudai.ac.jp/syllabus/SYLLABUS.htm</p>
<p>Program's appeal</p>	 <p>A site visit at a sewage treatment plant as a part of the lecture “Advanced Course in Environmental Pollution Comparison”</p>