

# Faculty of International Resource Sciences

The Faculty of International Resource Sciences aims to provide solutions for global resource problems through a focus on the fields of science and engineering; from identification of resource generation mechanisms to the exploration, development and production of resources. It incorporates the fields of humanities and social sciences, including the study of policies, cultures, and resource economies of resource-rich nations. As the only faculty for "resource science" in Japan, it offers students the opportunity for a comprehensive study of resources. The Faculty brings together distinguished professors who are worldwide leaders in their fields, giving students a leading edge education with a global perspective. We develop human resources who can play an active role on the international stage based on a system of close collaboration with domestic and foreign universities, companies, and research institutes.

Students can acquire advanced international perspective and expertise through practical education, including lectures in specialized courses given in English at the Faculty and a four week course of overseas practical training (Resource Sciences Fieldwork Abroad) in which all students are required to participate.

Since the establishment of the Faculty in 2014, many graduates have found employment at companies engaged in the international resource business. We look forward to keenly observing our students' development as resource specialists, committed to contributing to the world's sustainable development.

## Faculty Organization Department of International Resource Sciences

This program is aimed toward resolving various issues connected to natural resources on a global scale, with an emphasis on practical abilities and maintaining an international perspective.

### ● Resource Policy and Management (Social Science and Humanities)

Students develop an understanding of the international situation, policies, and legal systems concerning resources, and study related aspects of political science and economics, business and international cooperation with resource-rich countries, as well as the culture, history, and religion of the regions that form the background of this cooperation.

### ● Earth Resource Science (Science and Technology)

In order to understand the origin and characteristics of the world's resources and to contribute to the exploration and evaluation of these resources, students study the natural phenomena that produce resources, the history of the Earth, the materials that make up the Earth and how these are distributed, as well the exploration of these resources.

### ● Earth Resource Engineering and Environmental Science (Science and Technology)

Students will study specialty fields related to topics such as resource development, production technology, recycling and smelting technology, and environmental conservation; to be implemented in an environmentally supportive manner to ensure the sustainable and effective use of our limited global resources.



## Curriculum

