

Faculty of International Resource Sciences

The Faculty of International Resource Sciences is the only faculty in Japan where students can study of natural resources with such a strong science and technology approach. The faculty's programs combine earth science and geotechnology with a focus on economic-minerals, petroleum exploration, development, and production. The Faculty also provides studies in the humanities with a focus on the politics and cultures of resource-producing nations. Students will learn from professors who are world-class researchers in their respective fields about natural resources and their importance in our daily life. Graduates will be able to apply their practical and theoretical knowledge at the international level, strengthening the ties between the faculty and other universities, companies, and research institutions both in Japan and abroad.

From the second year, the specialized courses are provided in English. In addition, all students have to participate in fieldwork abroad for about four weeks in the third year. Although students need a lot of learning time to prepare for these programs, this experience helps students to acquire an international perspective and specialized knowledge. As a result, since the Faculty of International Resource Sciences was established in 2014, many graduates have taken up positions in companies involved with the international resource business. Here at Akita University, we look forward to meeting the up and coming resource science specialists who will contribute to the future of our country.

Faculty Organization Department of International Resource Sciences

Looking 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 study the cultures and circumstances of resource-producing regions and learn how to communicate with people from diverse cultural backgrounds and value systems. They deepen their knowledge of economics, policy, and law relating to resource development.

● Earth Resource Science (Science and Technology)

This field of study is focused on the dynamics of earth history. Students study and research the formation and distribution systems of underground resources in the world such as economic minerals and petroleum resources through the analysis of 4.6 billion years of Earth History.

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

Students are given a comprehensive overview of resource development in the global environment in terms of resource exploration, development, and production methods using, refining and recycling technologies and environmental conservation.



Distinctive Curricula

