

**Master's Program  
2026 April (Spring) Admission**

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# **Application Guidelines**

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Special Entrance Examination for International Students

Application Period: October 9, 2025 – October 15, 2025

Date of examination: November 6, 2025

**Akita University  
Graduate School of International Resource Sciences**

<https://www.akita-u.ac.jp/shigen/>

## **[Graduate School of International Resource Sciences]**

### **● Desirable qualities in applicants**

1. Those who are driven by a strong spirit of enquiry focused on resource, energy, and environmental issues to build a sustainable society and who want to acquire a high level of specialist knowledge, and take an active part in international resource development.
2. Those who are motivated and creative, who have an understanding of international ethical considerations and discernment, and who want to operate as resource engineers and researchers equipped with advanced knowledge.
3. Those who want to utilize an environment and system that facilitates learning for international and adult students who have abundant experience and understanding of diverse values.

## **[Master's Program]**

### **● Desirable qualities in applicants**

Our Master's Program welcomes students who are strongly motivated to acquire specialist knowledge and skills in order to contribute to society. Students are screened by a recommendation-based entrance examination system for our departments to facilitate the enrollment of outstanding students with excellent attitudes towards study and research.

## **[Department of Earth Resource Science]**

### **● Desirable qualities in applicants**

1. Those with an interest in earth science and a strong desire to pursue studies and research in this area in order to deepen the knowledge they have gained at the undergraduate level and go on to become engineers or researchers with a higher level of specialist knowledge.
2. Those wanting to acquire knowledge of earth science based on the knowledge acquired at the undergraduate level and their professional career with the aim of applying what they have learned to operate in the earth science field and boost their professional careers.
3. Those wanting to acquire the ability to engage in resource exploration and evaluation and work to resolve resource issues based on knowledge of earth science and skills.

### **● Acceptance policy for selecting students**

〈Special Entrance Examination for International Students〉

We evaluate “knowledge and skills,” “reasoning, judgment, and expression,” and “initiative, diversity, and cooperativeness” by documents and oral interview. At the interview we mainly evaluate “knowledge and skills,” “reasoning, judgment, and expression,” and “initiative, diversity, and cooperativeness.”

## **[Department of Earth Resource Engineering and Environmental Science]**

### **● Desirable qualities in applicants**

1. Those with an interest in resource development and environmental science and a strong desire to pursue studies and research in this area in order to deepen the knowledge they have gained at the undergraduate level and go on to become engineers or researchers with a higher level of specialist training.
2. Those wanting to acquire the latest knowledge and practical skills in the field of resource development based on the knowledge acquired at the undergraduate level and their professional career with the aim of applying what they have learned to operate at a global level and boost their professional careers.
3. Those interested in acquiring the knowledge to understand economic evaluation methods in relation to resource development, as well as the political and cultural situations in countries with resources, aiming to understand from a specialist standpoint the flow from exploration and development through to refining and environmental conservation, as well as seek solutions to resource issues.

### **● Acceptance policy for selecting students**

〈Special Entrance Examination for International Students〉

We evaluate “knowledge and skills,” “reasoning, judgment, and expression,” and “initiative, diversity, and cooperativeness” by documents and oral interview. At the interview we mainly evaluate “knowledge and skills,” “reasoning, judgment, and expression,” and “initiative, diversity, and cooperativeness.”

## **Confidentiality of Applicant Information**

The personal information of applicants from submitted documents and from entrance examinations is used by Akita University solely for the following purposes:

- In matters related to selecting successful applicants (including related matters such as statistical processing)
- In the case of students who have completed enrollment procedures, post-admission enrollment management, academic guidance, matters related to student support and matters related to the collection of tuition fees.

## 1. Number to be Admitted

Department	Number to be Admitted
Earth Resource Science	a few
Earth Resource Engineering and Environmental Science	a few

It is highly recommended that applicants consult with prospective faculty members about the expected field or topics for study before application. Faculty education and research areas are listed on page 10-12. Inform the admissions office of the name of your prospective faculty member at Akita University.

〈Contact Address〉

Admissions Office Akita University

E-mail: [nyushi@jimmu.akita-u.ac.jp](mailto:nyushi@jimmu.akita-u.ac.jp)

## 2. Application Qualifications

- The status of residence of an incoming student must be “College Student.”
- Non-Japanese nationals who must meet any of the following criteria:
  - (1) Have completed 16 years of school education overseas; or will complete such a program by March 2026.
  - (2) Have completed 16 years of overseas school education by taking a correspondence course offered in Japan by an overseas school; or will complete such a program by March 2026.
  - (3) Have completed 15 years of education in an overseas school or will complete such a program by March 2026, and are recognized by Graduate School of International Resource Sciences as having acquired the required credits with an excellent records.
  - (4) Have completed a curriculum in an educational institution in Japan with curricula of an overseas university (only if completion of such curricula corresponds to completion of 16 year of school education in the university's home country) , which is recognized as an institution by the home country's education system and by the Minister of Education, Culture, Sports, Science and Technology - Japan.
  - (5) Are recognized by the Graduate School of International Resource Sciences on the basis of an individual application qualification screening that they have scholastic abilities equivalent to or higher than college graduates and will be 22 years old or older by March 31, 2026.

### Note :

- ① ***Non-Japanese nationals who graduated from a Japanese university or will complete such a program by March 2026, do not qualify for the Special Entrance Examination for International Students.***
- ② Applicants applying under requirement (3) of the Application Qualifications must contact the Admissions Office of the Graduate School of Akita University beforehand.
- ③ Item (5) of the Application Qualifications applies to those who have graduated from such institutions as junior colleges, higher technical schools, or have completed courses in other educational institutions.
- ④ Applicants who are accepted based on the qualifications above, yet are later confirmed as not being able to complete the admission procedures by the deadline, will not be admitted. Details on admission procedures will be sent to all accepted students.

### 3. Pre-evaluation of Application Qualification

Applicants applying under requirement (5) of the Application Qualifications must submit the following documents to the Admissions Office of the Graduate School of Akita University for Pre-evaluation of Application Qualification. The request will be accepted starting on September 10, 2025 and no later than September 16, 2025 ①Pre-evaluation Request for Application Qualification (attached herein), ②Academic Record for Approval of Application Qualification (Complete Curriculum Vitae overleaf of the Pre-evaluation Request for Application Qualification.) ③Certificate of completion or prospective completion from their previous school, ④Academic Record Transcript which must be officially prepared by the university president, dean, or registrar of the school attended and sealed in an envelope. ⑤A certificate of employment, or other similar reference documents.

Applicants will be notified of the Application Qualification Pre-evaluation results no later than October 7, 2025.

### 4. Application Period and Mailing Address

(1) Application Period:

From October 9, 2025 to no later than October 15, 2025.

- 1) If brought in person or by proxy, application documents will be accepted at the Admissions Office between 9:00 a.m. and 4:00 p.m.
- 2) Post-mail, application documents must be sent by registered mail, on which “Application to Master’s Program, Graduate School of International Resource Sciences” must appear in red ink. The documents must reach the Admissions Office no later than 4:00 p.m. on October 15, 2025. Special attention should be paid in estimating the days needed for overseas delivery.

(2) Mailing address:

Admissions Office Akita University  
1-1, Tegata Gakuen-machi Akita-shi 010-8502 Japan  
Tel: +81-18-889-3178 Fax: +81-18-835-9924  
E-mail: [nyushi@jimu.akita-u.ac.jp](mailto:nyushi@jimu.akita-u.ac.jp)

### 5. Application Procedures

(1) Documents to be submitted

①, ② Application for Admission, Examination Admission Slip

Requested information must be entered on the designated form (attached herein).  
Complete Curriculum Vitae with the Application for Admission.

③ Photo ID Card

A frontal-view photograph of the applicant’s face, without veil or cap / hat, 4.5 cm x 3.5 cm in size and taken within three months prior to this application must be affixed to the designated area of the Photo ID Card (attached herein).

④ Certificate of Completion or Prospective Completion or Certificate of Graduation

Must be prepared by the president or the dean of the school attended.

Certificate of Graduation / Completion is not required if applying under requirements (4) or (5) of the Application Qualifications.

⑤ Academic Record Transcript

Must be officially prepared by the university president, dean, or registrar of the school attended.

⑥ Letter of Recommendation

A letter of recommendation in Japanese or English from your prospective supervisor at Akita University or your previous supervisor.

⑦ Proof of Evaluation Fee Payment

The Evaluation Fee is 30,000 yen.

Remittance Period : August 20, 2025 - October 15, 2025 (Japan time must be observed)

After remitting the evaluation fee, send an e-mail notifying the Admissions Office as soon as possible. [E-mail : nyushi@jimmu.akita-u.ac.jp]

If the evaluation fee received does not meet the required amount of 30,000 yen, the application procedure will be considered incomplete, and the application will not be accepted. The Evaluation Fee will be returned to the applicant, but the remittance fee will be withheld.

The Evaluation Fee will not be refunded for any reason after the application documents have been received. The Evaluation Fee is non-refundable in the case of non-acceptance or if the successful applicant deadlines to enroll.

〈Making International Payment〉

Akita University has partnered with Flywire to streamline international payment process for our students. With Flywire, you can pay online, securely from any country and any bank, typically in your home currency.

Paying Charge : Sender

HOW TO MAKE A PAYMENT

- At below, first enter your payment amount and country of origin to initiate your payment booking.

[<http://akita-u.flywire.com>]

- Follow instructions to send payment funds to Flywire. For debit/credit card payments, enter your card details online to complete your payment in your home currency. (Additional local payment options may be available depending on the country you are paying from.)

- Receive text and email status updates each step of the way, including a confirmation when your payment has been delivered to your institution. If you have created a Flywire account, then you are also able to track your payment any time by logging into your account.

FLYWIRE CUSTOMER SUPPORT INFORMATION (24hrs)

Email : [support@flywire.com](mailto:support@flywire.com)

Web : [flywire.com/help](http://flywire.com/help)

⑧ Others

- 1) Applicants residing in Japan and do not have Japanese citizenship must submit a certified copy of their resident card that indicates their Status of Residence and issued by the municipality where they reside. A copy of the applicants passport showing a) Personal information page a with photo and b) Visa with Status of Residence.
- 2) Applicants residing overseas must submit an authorized certificate of his/her family register or proof of citizenship in the applicant's home country.

**Note:**

From ① to ⑦ and ⑧ 2) if it is not possible to submit originals, contact the Admissions Office before deadline of application period. [E-mail:nyushi@jimu.akita-u.ac.jp]

**(2) Important notice for submitting documents**

- ① No application will be accepted until all documents mentioned above are fully and accurately completed.
- ② Once submitted, documents will not be returned to applicant for any reason.
- ③ Applicants are not allowed to change their department choice after submission of their application.
- ④ If the contact address entered in the application form changes after submission, the Admissions Office must be promptly notified of the change.  
E-mail: [nyushi@jimu.akita-u.ac.jp](mailto:nyushi@jimu.akita-u.ac.jp)
- ⑤ Attached forms may be either hand-written or typed.

**6. Evaluation of Applicants**

- (1) Screening for admission will be determined by the combined results of an oral examination (presentation) and a document review.
- (2) The contents of the oral examination : About expected Research Areas
- (3) Academic ability test (oral examination)  
Date of examination : November 6, 2025  
Language : English or Japanese (Choice by applicants)  
Method : Online (Planned to use Zoom)  
Make sure to note the start time, the place and details, which will be sent to you along with your examination admission slip.

**7. Pre-consultation for Disabled Applicants**

As a preliminary step in the application process, disabled applicants (refer to the chart below) who need special consideration during either the application process or the course itself must submit a letter detailing the items listed below together with a medical certificate prepared by a doctor no later than September 16, 2025. Early consultation is recommended since advance preparation may be needed in cases of severe disability.

- ① Name, age, contact address, telephone number, and department choice.
- ② Type and degree of disability.
- ③ Detailed explanation of care needed during application and course study.
- ④ Special preparation and care taken at the university last attended.
- ⑤ Description of everyday life.
- ⑥ Name, address, and telephone number of the university last attended.

If needs arise after the deadline of September 16, 2025 due to an accident or other contingency, contact the Admissions Office immediately.

Type of Disability	Extent of Disability
Visual	Those with eyesight of less than 0.3 with both eyes (Universal Eyesight Test Chart) or who have ophthalmologic functional disorders that do not allow easy recognition of normal size letters or diagrams, even with the use of a magnifying glass.
Hearing	Those with an auditory capacity of more than 60 decibels (Audiometer testing) who have difficulty listening to normal talking even with a hearing aid.
Physical	1. Those who are not capable of performing basic daily tasks such as walking or writing even with the use of orthopedic or prosthetic devices. 2. Those with physical disabilities not as severe as the above but who need constant medical assistance and/or observation.
Health	1. Those who are under constant medical restrictions due to prolonged chronic respiratory, kidney, nervous system illness, malignant growth, or other disorders. 2. Those placed under medical restrictions due to prolonged weak or feeble health.
Other	Those not specifically mentioned above, yet require special consideration when either applying for admission or attending classes during the course of study.

Translated from the original by the Graduate School of Akita University.

**Note:**

- a) The above are in conformity with Article 22-3 of the School Education Law Enforcement Regulations.
- b) The above required information (items ①-⑥) is also requested if the applicant uses, on an everyday basis, common aids such as hearing aids, crutches, or a wheelchair.

## 8. Acceptance Notification

Results are tentatively scheduled to be e-mailed to all applicants at 3:00 p.m on November 21,2025. Therefore telephone inquiries will not be accepted. A Letter of Acceptance will be sent to successful applicants.

## 9. Admission Procedures

- (1) Details for Admission Procedures will be sent to all who are accepted along with the Letter of Acceptance. Accepted students are strongly advised to come to Japan in time to complete the Admission Procedures in person.
- (2) School Fees (must be paid in Japanese currency)
  - ① Admission fee : 282,000 yen (subject to change)
  - ② Tuition : 267,900 yen for the first semester (535,800 yen for the first academic year) (subject to change)

**Note:**

- a) Admission fees paid will not be refunded for any reason.

- b) The above school fee are projected amounts and are subject to change before or during the course. Revised admission fees will apply to all new students if the revision takes place before the end of the Admission Procedure Period. Tuition can change during the program.
  - c) If a candidate cancels his/her admission before March 31, 2026, after completion of the Admission Procedures due to unavoidable circumstances, the tuition paid may be refunded upon the payer's request only after designated procedures are completed.
- (3) Other information
- ① Those with an excellent academic standing yet who have difficulty paying the admission fee due to financial circumstances and those who demonstrate other financial needs may be eligible upon screening to apply for financial aid. Those accepted will be either exempt from paying all or half of the admission fee, or may be allowed to pay the fee at a later date.
  - ② Those with an excellent academic standing yet who have difficulty paying the tuition due to financial circumstances and those who demonstrate other financial needs may be eligible upon screening to apply for financial aid. Those accepted will be either exempt from paying all, half or a third of the tuition, or may be allowed to pay the fee at a later date.

Admissions Office Akita University  
1-1, Tegata Gakuen-machi Akita-shi 010-8502 Japan  
Tel: +81-18-889-3178 Fax: +81-18-835-9924  
E-mail: [nyushi@jimmu.akita-u.ac.jp](mailto:nyushi@jimmu.akita-u.ac.jp)

## 10. Obtaining a Visa

Foreign nationals wishing to stay in Japan for more than 90 days must obtain a "Japan Visa" in advance. There are several types of visas, and visa status is determined by the reason for coming to Japan, status, and position. The "Student" visa applies to international students studying at Japanese universities. The visa application must be made in person at the Japanese embassy or consulate in your country. It takes from a few days to a month from the time of application until the visa is issued.

Procedures differ for MEXT Scholarship students and privately financed students. Please confirm the following and take the necessary procedures.

### **If you are selected as a MEXT Scholarship student:**

Approximately one month prior to enrollment, Akita University will send the "Certificate of Acceptance," which is required for visa application, to the applicant and inform you of the date when you can start the visa application. After receiving this notice, please apply for the visa at the Japanese embassy or consulate in your country with your passport and other necessary documents.

If you are enrolling as a MEXT Scholarship student, you do not need to submit the "Certificate of Eligibility" listed below.

### **If it is decided that you are enrolling as a privately financed student:**

A "Certificate of Eligibility" (hereinafter referred to as "COE") is required to apply for a visa. After you pass the screening process and it is decided that you are enrolling as a privately financed student, Akita University will apply for a COE to the Immigration Bureau of Japan on behalf of you in response to your request. Once the COE is issued, Akita University will send it to you by email. After receiving the COE, please apply for a visa at the Japanese embassy or consulate in your country with your passport and other necessary documents.

**〈Procedures for obtaining the Certificate of Eligibility〉**

- ① Contact Akita University International Affairs Division (hereinafter referred to as the "IAD") by e-mail after receiving "Certificate of Acceptance" and it is decided that you are enrolling as a privately financed student.  
(the applicant → the IAD)  
\*E-mail address: ryugaku@jim-u.ac.jp (the IAD)  
\*The subject of the e-mail should be "Application for Certificate of Eligibility" and scanned copy of the "Certificate of Acceptance" should be attached.
- ② Guidance on documents required for the application process for the COE  
(the IAD → the applicant)
- ③ Submission of documents required for the application process for the COE  
(the applicant → the IAD)
- ④ Application for the COE  
(the IAD → Sendai Regional Immigration Bureau)
- ⑤ Issuance of your COE  
(Sendai Regional Immigration Bureau → the IAD)
- ⑥ Email your COE  
(the IAD → the applicant)

**〈Note〉**

- The application process takes time, so applicants should contact the IAD as soon as it is decided that you are enrolling Akita University as a privately financed student. It takes about 6-8 weeks from application to issuance of the COE.

For any questions about obtaining a visa:

**Akita University International Affairs Division**  
**1-1, Tegata Gakuen-machi Akita-shi 010-8502 Japan**  
**Tel: +81-18-889-2258**  
**E-mail: ryugaku@jim-u.ac.jp**

## **11. Japan Pre-Entry Tuberculosis Screening (JPETS)**

Japan Pre-Entry Tuberculosis Screening (JPETS) is a TB test to certify with the TB Clearance Certificate that foreign nationals who intend to enter Japan from target countries and stay for a medium- to long-term do not have active tuberculosis by undergoing a chest x-ray examination, etc. at a Panel Clinic before traveling to Japan. Please check the website of Ministry of Health, Labour and Welfare.

The website for JPETS

<https://jpets.mhlw.go.jp/index.html>

## **12. Information on dormitories for international students**

Website

<https://www.akita-u.ac.jp/honbu/global/en/abroad/inbound/info.html>

Contact

Akita University International Student House and International House

**Akita University International Affairs Division**

**1-1, Tegata Gakuen-machi Akita-shi 010-8502 Japan**

**Tel: +81-18-889-2258**

**E-mail: [ryugaku@jimu.akita-u.ac.jp](mailto:ryugaku@jimu.akita-u.ac.jp)**

# Outline of the Graduate School of International Resource Sciences

The Graduate School of International Resource Sciences was established to educate specialists with wide-ranging knowledge in fields from earth sciences through to resource development and environmental issues. Graduates will aim for achieving a sustainable society and operate as global leaders as a result of pursuing advanced studies and research backed by advanced knowledge and expertise in the fields of (1) resource and earth sciences and (2) resource development and environmental science. **All subjects are taught in English.**

## 1. Organization

The Graduate School of International Resource Sciences comprises a two-year master's degree Program followed by a three-year Doctor's Degree Program. The Master's Degree Program consists of two departments — Earth Resource Science, and Earth Resource Engineering and Environmental Science — based on the three undergraduate courses of the Faculty of International Resource Sciences. The Doctor's Degree Program has a different structure, comprising a single department (major) — Department of Resource Science — with two divisions.

### Graduate School of International Resource Sciences Master's Program

Department	Division
Earth Resource Science	Earth Resource Science
Earth Resource Engineering and Environmental Science	Earth Resource Engineering and Environmental Science

### Graduate School of International Resource Sciences Doctoral Program

Department	Division
Department of Geosciences, Geotechnology, and Materials Engineering for Resources	Earth Resource Science
	Earth Resource Engineering and Environmental Science

## 2. Outline of Departments (as of 2025)

### Department of Earth Resource Science

This department educates students in specialist areas ranging from the genesis of minerals, rocks, and geological structures to resource exploration and evaluation technologies with emphasis placed on the mechanisms and environments of the generation of mineral and energy resources. Our aim is to produce professionals with new specialist knowledge and skills in resource science, as well as a broad knowledge of earth sciences, in order to meet societal needs.

#### Content of Education and Research Areas, Faculty Member in Charge and Subject Title

Division	Education and Research Areas		Faculty Member	Subject Title
	Field	Content		
Earth Resource Science	Paleoenvironmental geology	Stratigraphy, paleontology, sedimentology, paleoceanography and historical geology as a basis for the exploration of petroleum, coal, natural gas, and other energy resources	Prof. Stephen P. Obrochta	Data Analysis for Paleoenvironmental Reconstruction
			Associate Prof. Makoto Yamasaki	Applied Micropaleontology
	Economic geology	Broad review and analysis of the economic geology profession, including its societal context, the relevant metallogenic science, and the fundamentals and practice of mineral exploration.	Prof. Andrea Agangi	Mineral Resources and their Exploration and Assessment I,II
			Prof. Ryohei Takahashi	Economic Geology Applicable to both Industry and Academia I,II
	Petrology	Geological and petrological analysis on various volcanic phenomena including eruptions, collapse, lahar, fluid-magma interaction, magmatic differentiation, and so on	Prof. Tsukasa Ohba	Volcanic Geology
			Associate Prof. Takashi Hoshide	Advanced Petrology I,II
	Structural geology	Dynamic process and motion of earth's crust and upper mantle, and brittle and ductile deformation structures developed in rocks and minerals	Associate Prof. Osamu Nishikawa	Advanced Structural Geology
	Mineralogy	Wide scope of mineralogy, including crystallography, chemistry, mineral-forming conditions, and application to metallic and non-metallic ore deposition	Associate Prof. Takuya Echigo	Advanced Mineralogy
Sedimentology and petroleum geology	Formation of petroleum, natural gas, and unconventional energy grounded in basic knowledge of stratigraphy, structural geology, geochemistry, and paleoenvironmentology, as well as exploration methods for these energies	Prof. Shun Chiyonobu	Advanced Petroleum Geology	
			Advanced Petroleum Exploration	
Applied geophysics	Theory, experiments, measurement, analysis, and interpretation in relation to the use of geophysical data such as seismic waves and electromagnetism in geophysical surveys		Advanced Applied Geophysics I	
			Advanced Applied Geophysics II	

### Department of Earth Resource Engineering and Environmental Science

Through advanced specialist education and research on aspects from resource exploration, development and production of a diverse range of natural resources, including petroleum, natural gas, ores and geothermal energy, through to the theory of and latest technologies in the fields of environmental protection including recycling and refining technologies and wastewater treatment,

resource environments and material cycles, and resource economics, the aim of this department is to produce engineers who will approach next-generation resource development from an holistic perspective. We seek to produce global professionals with the latest specialist skills and a broad-ranging knowledge of resource development and environmental science in order to meet society's needs.

To realize the above education and research objectives, one large division has been created for this department.

### Content of Education and Research Areas, Faculty Member in Charge and Subject Title

Division	Education and Research Areas		Faculty Member	Subject Title
	Field	Content		
Earth Resource Engineering and Environmental Science	Circulation of resource-environment substances	Mineral resources, geothermal resources, water resources, natural disasters, environmental protection, and resource use based on the characteristics of water, gas, and magma and the movement and circulation of these through the surface and interior of the Earth	Associate Prof. Yasumasa Ogawa	Advanced Geochemistry I,II
				Advanced Geochemistry III
	Rock engineering	Basics and application of rock engineering in resource development and crust development	Prof. Tadao Imai Associate Prof. Akihisa Kizaki	Advanced Rock Engineering I,II
				Advanced Rock Engineering III,IV
	Energy resource engineering	Theoretical and applied studies on the development of subterranean water and energy resources such as petroleum, natural gas, and geothermal energy	Prof. Hikari Fujii Associate Prof. Bina Saeid	Petroleum Reservoir Engineering
				Advanced Renewable Energy Engineering I,II
	Geosystem Engineering	Basic and applied researches on oil and gas, geothermal, and other related resource developments with a focus on drilling engineering	Prof. Shigemi Naganawa	Drilling Engineering
	Mineral Economics and Mining Informatics	Evaluation issues related to sustainable resource supply, consumption, recycling and environmental impacts using methods from economics and system engineering, and applying informatics to resource development to create new mining technology	Prof. Tsuyoshi Adachi Associate Prof. Hisatoshi Toriya	Advanced Mineral Economics I,II
				Advanced Mining Informatics
	Mineral and resource processing	Mineral processing and separation engineering, and development of recycling technologies for secondary resources and wastewater treatment for environment	Prof. Atsushi Shibayama Associate Prof. Sanghee Jeon	Advanced Mineral Processing
Design for International Resources Engineering I,II				
Resource recycling process engineering	Smelting and refining principles in material manufacturing processes and the theory and practice of effective use of hard to process resources	Associate Prof. Yasushi Takasaki Associate Prof. Kazutoshi Haga	Advanced Material Production Engineering I,II	
			Separation Engineering	
Water Resource Management	Integrated Study of Hydrology, Water Resources, and Natural Elements (Geology, Landforms, Vegetation) for Regional Resource Management and Application	Prof. Takayuki Kawai	Water Resource Management I,II	
			Resource Management I,II	
Resource Policy	Education and research on analysis and evaluation for sustainable resource governance based on political science, public policy, economic systems, and energy systems	Prof. Fumiaki Inagaki	Advanced International Affairs Analysis Advanced Resource Geopolitics Advanced Resource Policy	

Division	Education and Research Areas		Faculty Member	Subject Title
	Field	Content		
Earth Resource Engineering and Environmental Science	Resource Global Governance	Education and research on analysis and evaluation necessary for building 'global governance' to resolve paradoxes such as economic growth delays and intensified conflicts caused by the so-called 'resource curse'	Prof. Masataka Tamai	Resource Politics
	Energy systems	Consistent analysis based on energy systems theory of the economic burden, environmental load, and social impact of energy and resource consumption	Associate Prof. Junichiro Oda	Advanced Energy Systems

### 3. Completion Requirements and Degree Awarded

A Master's Degree either in Resource Science or Science is awarded to students majoring in Earth Resource Science, and in either Resource Science or Engineering to students majoring in Earth Resource Engineering and Environmental Science, who have satisfied the following requirements: at least two years' enrollment in the Master's Program; acquisition of a minimum of 30 course credits as stipulated in the chart below; qualification of an acceptable Master's thesis; and passing the final comprehensive examination.

#### Credits Required for the Completion of the Master's Program

Courses	Credits Required	Remarks
Specialized Subjects	A minimum of 14 credits (elective)	A minimum of 10 credits in the major and a minimum of 4 credits from the major and/or other majors combined
Common Subjects	4 credits (elective)	
Intensive Training (specialized subjects)	2 credits (required)	
Research Project	10 credits (required)	
Total	A minimum of 30 credits	

### 4. Other

Akita University has established the university's Rules on Security Export Control in accordance with the Foreign Exchange and Foreign Trade Act, and conducts strict examinations for acceptance of international students, etc.

Therefore, please be advised that international applicants may be unable to receive their desired education or conduct their desired research due to the restriction by the above regulations.

2026 April (Spring) Admission

Master's Program

Special Entrance Examination for International Students

Graduate School of International Resource Sciences, Akita University

## Application for Admission

Application No.	* Official use only.
Name of Applicant	
Sex	<input type="checkbox"/> Male <input type="checkbox"/> Female
Date of Birth (Age)	Year                      Month                      Day                      (Age                      )
Application Qualification	<input type="checkbox"/> (1) <input type="checkbox"/> (2) <input type="checkbox"/> (3) <input type="checkbox"/> (4) <input type="checkbox"/> (5) <input type="checkbox"/> From overseas partner university recommendation
Department	<input type="checkbox"/> Earth Resource Science <input type="checkbox"/> Earth Resource Engineering and Environmental Science
Expected Supervisor	
Contact Address	Country
	Postal code
	Address
	Tel
	E-mail address

Note: 1. Read the Admission Guidelines carefully and enter all the information requested.

2. Contact Address is where applicant wishes to receive.

## Curriculum Vitae

### Educational Background

School Name	Required Number of Years Schooling you have attended	Year and Month of Entrance and Completion ( YYYY / MM )	Diploma or Degree Awarded
Elementary Education / Elementary School	Years	From To	
Secondary Education / Lower Secondary School	Years	From To	
Secondary Education / Upper Secondary School	Years	From To	
Higher Education / Undergraduate level	Years	From To	
	Years	From To	
	Years	From To	
	Years	From To	

Be sure to include technical schools or language schools attended.

### Employment Record

Employer	Position	Period of employment ( YYYY / MM )
		From                  To
		From                  To
		From                  To
		From                  To

### Qualifications and Licenses

		Date
		Date
		Date

### Achievements

		Date
		Date

2026 April (Spring) Admission

Master's Program

Special Entrance Examination for International Students

Graduate School of International Resource Sciences, Akita University

### Examination Admission Slip

Application No.	* Official use only.
Name	
Department	<input type="checkbox"/> Earth Resource Science <input type="checkbox"/> Earth Resource Engineering and Environmental Science
Expected Supervisor	

2026 April (Spring) Admission

Master's Program

Special Entrance Examination for International Students

Graduate School of International Resource Sciences, Akita University

## Photo ID Card

Application No.	* Official use only.
Name	
Department	<input type="checkbox"/> Earth Resource Science <input type="checkbox"/> Earth Resource Engineering and Environmental Science
Expected Supervisor	
<div data-bbox="644 904 927 1267" style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;">Paste photo. (4.5cm x 3.5cm)</div>	

Note: 1. Photo must be taken within 3 months prior to application.

2026 April (Spring) Admission

Special Entrance Examination for International Students

Graduate School of International Resource Sciences, Akita University

## Pre-evaluation Request for Application Qualification

I intend to apply for the Master's Program offered by Akita University, Graduate School of International Resource Sciences. I hereby request for the pre-evaluation based on the documents attached.

Date: Year \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_

Name of Applicant: \_\_\_\_\_

Date of Birth (Age): Year \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ (Age \_\_\_\_\_)

Department:  Earth Resource Science  Earth Resource Engineering and Environmental Science

Last School Graduated from: \_\_\_\_\_

(Enter names of faculty and course.)

Date of Graduation: Year \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_

Present Position: \_\_\_\_\_

(Enter organization, department, and title.)

Contact Address

Country: \_\_\_\_\_

Postal code: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Tel Number: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Name: \_\_\_\_\_