

Affiliated School and Facilities for Education and Research

As of 2022 May 1



〈Faculty of Education and Human Studies〉

● Affiliated School Grounds

Category		Total Capacity	Number of Classes	Number of Actual Students						Total
				Grade1	Grade2	Grade3	Grade4	Grade5	Grade6	
Kindergarten	3-year childcare	96	4	〈3year-old〉 14	〈4year-old〉 23	〈5year-old〉 28				65
Elementary School		576	18	95	96	91	95	92	87	556
Junior High School		384	12	128	128	126	—			382
Special Support School	Elementary School Department	18	3	6		5		3		14
	Junior High School Department	18	3	8	7	7	—			22
	High School Department	24	3	7	5	8	—			20



〈Graduate School of International Resource Sciences〉

● Mineral Industry Museum

【Facility Purpose】

- Conduct education, research, and investigations regarding the mining industry
- Collect, preserve, and display museum resources related to the mining industry

- Material samples: approximately 20,000
- Total samples: approximately 3,300



〈Faculty of Medicine〉

● University Hospital Medical Simulation Center

【Facility Purpose】

Established in a joint cooperation by Akita Prefecture and Akita University to further develop the skills of the medical staff in Akita Prefecture with an emphasis on "medical simulation education," which is the new foundation for Akita Prefecture's healthcare.

- 1st floor: TV Seminar Room *2nd floor: First-aid lab, Basic Clinical Techniques lab *3rd floor: Surgery Training room, Surgery Techniques lab, OB/GYN lab, Specialized Clinical Techniques lab

〈Faculty of Education and Human Studies〉

● Center for Educational Profession Enhancement

【Facility Purpose】 Improvement of teaching qualifications and advancement of teacher training, theoretical and practical research on the teaching profession, clinical psychological research

【Research Sections】 School Education Research Section, Teacher Development Research Section, Practical Education Research Section, Clinical Education Research Section, Akita Prefecture General Education Center City Research Institute Liaison Office, Career Support Office for Teachers, Clinical Psychology Consultation Room

〈Faculty of Medicine〉

● University Hospital

【Facility Purpose】

Conduct medical education and research through providing patients with healthcare

- 35 Medical departments
- 615 Hospital beds

〈Graduate School of Medicine〉

● Center for Care of Aging Populations

【Facility Purpose】

Akita has the highest aging population rate in Japan. This center aims to apply the University's educational and research resources and its commitment to regional social contributions to realize a comprehensive community care system (one that allows the patient to receive care in a way and place of their choosing, for as long as required).

【Center Activities】

We provide on-the-job education and training for nurses, careworkers, and care managers, and hold lecture meetings for professionals and local residents (2016). As part of the University's social contributions to the region, the center holds various lectures including educating helpers for dementia sufferers, and creating a hospital in the home (since FY2015).

〈Graduate School of Medicine〉

● Center for Innovative and Digitalized Medical Education

【Facility Purpose】

The aim of the center is to improve the quality of medical care through the establishment of a medical education network that leverages advanced digital technology, collaborating with various fields in the University and partnership training hospitals, and promoting seamless graduate and post-graduate education for the future.

【Center Activities】

With the cooperation of members from various fields, the center supports the creation and use of medical education materials (courses, exercises and evaluation) leveraging digital technology to establish an optimized framework for medical education for the next generation.

〈Graduate School of Medicine〉

● Telemedicine Development and Research Center

【Facility Purpose】

The center promotes Akita University Hospital's telemedicine services and the telemedicine activities of the Graduate School of Medicine along with research initiatives in collaboration with clinical departments/university departments and courses, and contributes to the overall enhancement of medical care.

【Center Activities】

Organic collaboration and integration of telemedicine activities, proposal and implementation of new projects, development of new telemedicine approaches, negotiation and joint research with regional and local governments.



<Graduate School of Engineering Science>
● Center for Crossover Education

[Facility Purpose]

Contribute to improvement in quality of both students and teachers through a variety of new initiatives related to practical education in science and technology.

[Center Activities]

Study abroad consultations, manufacturing classes for children, techno career seminars etc.



<Graduate School of Engineering Science>
● Research Center of Advanced Materials for Breakthrough Technology

[Facility Purpose]

Research and development of high functional and advanced materials

[Areas of research]

Development of electrodes and catalysts materials for hydrogen production
 Development of electrode materials for storage batteries
 Development of electron transport layer materials for solar cells

University Common Use Facilities for Education and Research



● Center for Information Technology and Management

[Facilities and Equipment]

- Educational PCs (total 400): PC rooms 1.4, PC rooms A/B, Hondo PC room, Central Library, Medical Library
- * General Research Building (Information and education) Under construction
- Information services: Web mail, Large-size printer, computing server, Virtual server hosting
- Information network : LAN cable (1-4 Gbps to the floor switch), Wireless LAN, Internet (20 Gbps)

● Cooperative Research Center

[Purpose of Establishment]

Advance joint research with external organizations to develop Akita University's education and research capabilities. Promote the sharing of intellectual property and the social implementation of intellectual property based on these research results. Promote and contribute to technological development in society.

● International Center for Research and Education on Mineral and Energy Resources

[Purpose of Establishment]

To promote education and research in the field of natural resources by fostering advanced resource development professionals with an international perspective; work on sustainable resource development, and contribute to Japan's resource security and the stable supply of resources; build an international human resource network.

[Facilities and Equipment]

Oil, natural gas, and geothermal well drilling simulator for education and research (scheduled to start operation in 2022)

● Research Center for Regional Disaster Prevention and Mitigation

[Purpose of Establishment]

The facility acts as a base for education, research, and promotion of projects related to regional disaster prevention and mitigation, and works with local governments and private organizations, thereby contributing to the strengthening of disaster prevention capabilities in the region.

● Advanced Research Center for Geriatric Medicine

[Purpose of Establishment]

Aim to promote interdisciplinary research on our aging society and advanced research on geriatric medicine by strengthening the system of medical care for the elderly, based on our knowledge of dementia and regional sociological studies, and thereby contribute to the improvement of regional medical care and the development of research on longevity and health.

● Joint Research Center for Electric Architecture

[Purpose of Establishment]

To contribute to the sustainable development of the area and the realization of a vibrant regional society through promoting the research and development of electrified systems, including aircraft, based on industry-academia-government collaboration and through fostering industrial human resources to inspire companies, universities and students with entrepreneurial spirit, giving young people the opportunity to pursue their dreams by developing the creative industries of the future and enabling highly skilled human resources to play an active role to this effect.

● Suicide Prevention Research Center

[Purpose of Establishment]

The Center acts as a base for education, research and promotion of projects related to suicide prevention, and aims to contribute to helping to prevent suicide in the region in cooperation with local government and private organizations.

● Center for Integrated Control, Epidemiology and Molecular Pathophysiology of Infectious Diseases

[Purpose of Establishment]

The purpose of the Center is to organize and promote the integrated preventive, diagnostic and therapeutic strategies for infectious diseases, and promote the clinical, epidemiological and basic molecular research on infection diseases and host reaction. The Center is characterized by highly integrated clinical and basic research on infectious diseases. We also aim to disseminate the significant results of our clinical and research activities globally, and to train and educate medical personnel and researchers in the field of infectious diseases and infection epidemiology.