Top Global University in Japan

THE UNIVERSITY OF AIZU

to Advance Knowledge for Humanity

THE UNIVERSITY OF AIZU 1993

THE UNIVERSITY OF Aizu

Japan

- **Dedicated to Computer Science and Engineering Education**
- **Advanced ICT Global Program**
- **English as a Medium of Instruction**

Admission Brochure 2018

The School of Computer Science and Engineering

About The University of Aizu

The University of Aizu

International Education/Research Environment ●

The University provides international education / research environment by top-level faculty recruited from all over the world.

Leading-edge Computer Science and Engineering Education ●

The University offers one of top-class computer science and engineering education in Japan.

Outstanding Entrepreneurship ●

UoA provides project-based learning to foster entrepreneurship. UoA is ranked No.1 out of all public universities in Japan in university-originated venture companies.

High Employment Rate ●

The University continues to maintain a high rate of employment at approximately 100% since its establishment.

Top Global University

The Top Global University Project is a funding project promoted by the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT) which aims to enhance the international compatibility and competitiveness of higher education in Japan. It provides prioritized support for the world-class and innovative universities that lead the internationalization of Japanese universities.

● Only two public (non-national) universities have been selected as Top Global University, and our university is one of those.

● Only 37 universities have been selected as Top Global University among all universities (over 800) in Japan.

High THE Ranking

RANKING 23rd OUT OF 400+ Universities in Japan*

T IMES H IGHER E DUCATION

JAPAN UNIVERSITY RANKING 2017

ICT Global Program

Education

- All academic activities are conducted entirely in English.
- Providing Japanese language lectures and Japanese culture experiences.

Pracice

- Student Cooperative Class Projects (SCCPs) and Start-up Workshops help to realize your ideas.
- Various internship opportunities in Japanese and overseas companies facilitate practical learning.

Services

- Learning instruction from our expert faculty members assists you in tackling learning issues.
- Our staff members provide international students with advice and living support on a wide range of issues.
- A buddy system helps international students to have a pleasant start and make more friends in Japan.

*Ranking by Times Higher Education Japan University Rankings 2017

Advanced ICT and English Education

Advanced Computer Environment

⬤ Almost 3,000 computers are installed on campus.

⬤ Machines and equipment used at Computer Exercise Rooms and Hardware Workshops are replaced every three years.

⬤ Most labs and computers are available 24 hours a day, 7 days a week.

WiFi Free Wi-Fi is available everywhere on campus.

Advanced ICT Education

⬤ We are proud of our outstanding faculty who are experts in their specialized fields.

⬤ Approximately 40% of the faculty members are foreign nationals coming from 17 countries, which creates a high-level global education and research environment.

⬤ Our curriculum follows the worldwide standard for computer science: ACM/IEEE-CS Computer Science Curricula.

⬤ At the undergraduate level, we provide two-year capstone research training to let students experience real research.

⬤ We encourage both self-directed and group learning so students can exchange ideas with each other and discuss issues with professors.

⬤ We regularly invite world-leading experts to give speeches on recent trends and hot topics in various fields.
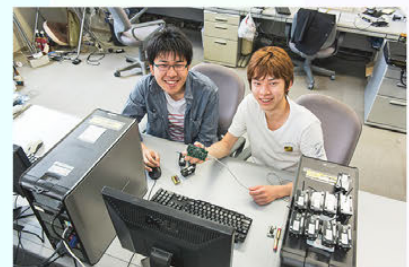
Advanced Curriculum

Field	Computer Science	Computer Systems	Computer Network Systems	Applied Information Technologies	Software Engineering
Topic	Computer Sci. Fundamentals Computational Modeling	Computer System Design VLSI design	Computer Network Systems	VR & Human Interface Robotics & Control Biomedical Infomation Tech	Software Engineering

Undergraduate School

1st year	2nd year	3rd year	4th year

Specialized Fundamental Courses
- Mathematics and Related Courses
- Natural Sciences and Related Courses
- Computer Fundamentals and Related Courses
- Programming and Related Courses
- Fundamentals of Computer Science & Engineering and Related Courses
- General Education Courses

General Education Courses
- Humanities and Social Sciences
- Physical Activities

English Language Courses
- Practical English Education for Computer Science and Engineering Learning

Specialized Courses
1. Computer Science
   Coputer science fundamentals
   Computational Modeling
2. Computer Systems
   Computer system design
   Large scale integrated circuit design
3. Computer Network Systems
   Network and Communication
   Internet
4. Applications
   Virtual reality and Human-computer interaction
   Robot and control
   Biological information Technology
4. Software Engineering
   Software design and development

Career Design I

Career Design II

Graduation Theses

Venture Start-up Workshops
Simulated experience of starting up business ventures

Student Cooperative Class Projects (SCCPs)
Freshmen to seniors study and research together

English Language Courses
Practical English education for computer science and engineering learners

Graduate School

1st year	2nd year

Specialized Courses

Research

Seminars

5-year Master-level Program

Program A (4-year Bachelor + 1-year Master)

1st year	2nd year	3rd year	4th year	+	1st year

Program B (3-year Bachelor + 2-year Master)

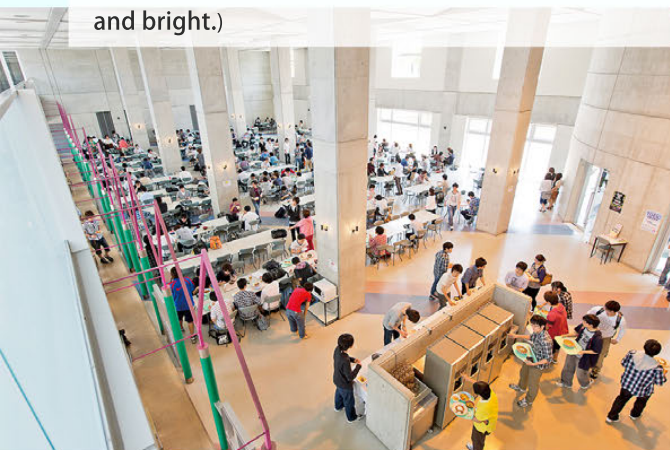| 1st year	2nd year	3rd year	+	1st year	2nd year

Campus Life

On-campus Dormitory

The dormitory "Somei House" was established in 2011 to support new undergraduate students and self-financed international students. (Somei means creative and bright.)

Cafeteria

Nutritionally balanced and hearty lunch sets, and a variety of freshly made dishes are served.

Auditorium and Library

Our library houses a large number of academic journals and foreign books.

The multipurpose auditorium accommodates variable seating.
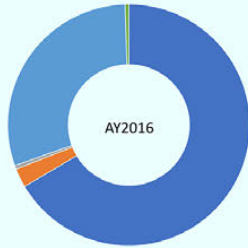
Athletic Spaces
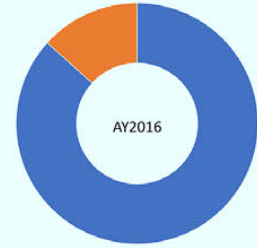
Career Supports

Nearly 100% Employment Rate

In terms of employment rate, our graduates are employed at a rate of nearly 100% every year. Many of our students, both Japanese and international, get job offers and work in famous Japanese companies in various fields, such as software development, electronics and communication technology and network services. Please note the data provided is limited to students stay in Japan, some students go back to home country or go to other contries to work.

Career Paths of Undergraduate Students

- Private Enterprise (131)
- Public Employer (5)
- Teacher (1)
- Starting a Business / Family Business (0)
- UoA Master Program (59)
- Other Graduate School (1)

AY2016

Career Paths of Graduate Students

- Employment (39)
- UoA Doctoral Program (6)

AY2016

Job–hunting Support for International Students

● **Information Supply**

With regard to job-hunting activities, attentive care regarding career development is offered to students. For example, updated company data useful for job-hunting are always accessible to students from workstations installed on campus.

● **Employment Instruction**

Our staff can give person-to-person instruction on career development, as well as job-hunting skills to students. Besides, persons in charge of employment from leading companies and relevant specialists from employment magazines are invited to our employment guidance meetings.

Venture Start–up from University of Aizu

The University of Aizu identified "Contributing to industry and culture in the region" as one of its basic principles for its founding philosophy.

- We have the largest number of venture businesses launched from university graduates among public universities in Japan (FY 2015 data from the Ministry of Economy, Trade and Industry), and this has increased year by year.

- Exchange with local industry is thriving and the desire to start up venture businesses has spread across the Aizu area.
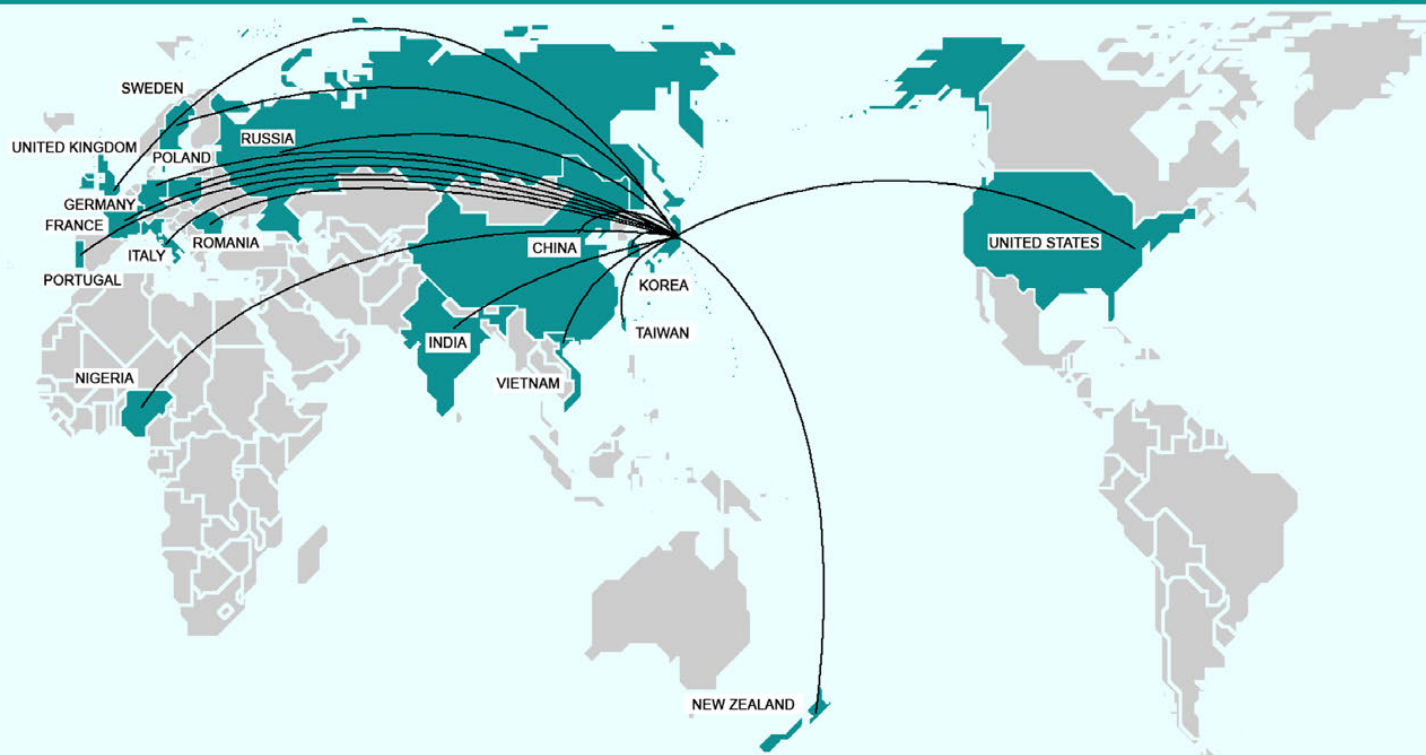
Enrollment at The University of Aizu

Application Guide

Eligibility	Individuals who have completed a 12-year school education equivalent to that of Japanese high school graduates
Submission Documents	• Application Form • Certificate of (Expected) Graduation or Certificate of Enrollment • Certified Transcript • Test Scores of English (TOFEL-iBT, IELTS, TOEIC, Eiken or others) *Can be exempted if meeting the requirement, please refer to our website for detail • Academic Proficiency (IB, SAT, EJU, ACT, A-Level or others equal) • Letter of Recommendation
Examination Fee	17,000 JPY
Application Period	To be Confirmed
Result Announcement	To be Confirmed
Enrollment Date	October 1st 2018

Payment for Admission (JPY)

Admission Fee	Insurance Fee	Others	Total
564,000	3,300	70,000	637,300

Tuition (JPY per Year)

520,800	Payment in two installments of 260,400 each by the end of April and by the end of October

Living Expenses (JPY per month)

Housing	20,000 ~ 60,000
Food	30,000
Recreation	10,000
Total	60,000 ~ 100,000

*Living expenses vary depend on where and how you live, these are approximate costs of living in Aizu-wakamatsu

Competitive Scholarship Programs (partial list)	Monthly Amount (JPY)
Japanese Government Scholarship Program	117,000
Japanese Gocerment Scholarship Program (SGU Project)	117,000
Monbukagukusho Honors Scholarship for privately-financed international students	48,000
Reservation Program for Monbukagakusho Honors Scholarship for Privately Financed International Students	48,000
Rotary Scholarship Program	100,000
JEES Scholarship Program	30,000
SAISUA Scholarship	20,000
Kyoritsu International Foundation Shcolarship Program	100,000
Heiwa Nakajima Founfation Scholarship Progtam for International Students	100,000

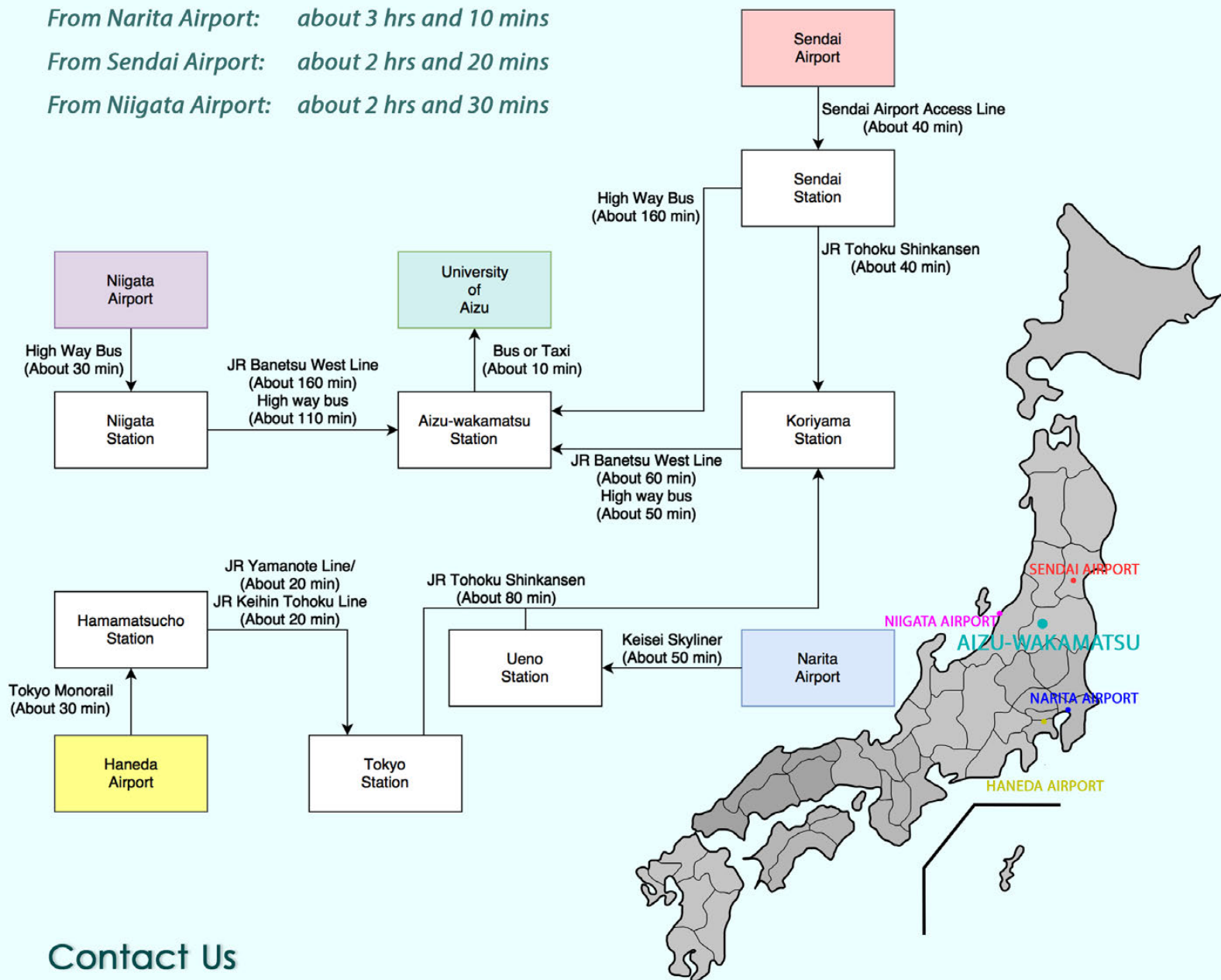## Academic Exchange Partnership between UoA and the world

Access

Duration:

From Haneda Airport: *about 3 hrs and 10 mins*
From Narita Airport: *about 3 hrs and 10 mins*
From Sendai Airport: *about 2 hrs and 20 mins*
From Niigata Airport: *about 2 hrs and 30 mins*

Sendai
Airport

Sendai Airport Access Line
(About 40 min)

Sendai
Station

High Way Bus
(About 160 min)

JR Tohoku Shinkansen
(About 40 min)

Niigata
Airport

University
of
Aizu

High Way Bus
(About 30 min)

JR Banetsu West Line
(About 160 min)
High way bus
(About 110 min)

Bus or Taxi
(About 10 min)

Niigata
Station

Aizu-wakamatsu
Station

Koriyama
Station

JR Banetsu West Line
(About 60 min)
High way bus
(About 50 min)

JR Yamanote Line/
(About 20 min)
JR Keihin Tohoku Line
(About 20 min)

JR Tohoku Shinkansen
(About 80 min)

Hamamatsucho
Station

Keisei Skyliner
(About 50 min)

Ueno
Station

Narita
Airport

Tokyo Monorail
(About 30 min)

Haneda
Airport

Tokyo
Station

SENDAI AIRPORT

NIIGATA AIRPORT

AIZU-WAKAMATSU

NARITA AIRPORT

HANEDA AIRPORT

Contact Us

University of Aizu: http://www.u-aizu.ac.jp/en/

Application Guide: http://www.u-aizu.ac.jp/en/materials/

Promotion Office for Top Global University: http://www.u-aizu.ac.jp/sgu/en/admissions/index.html

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