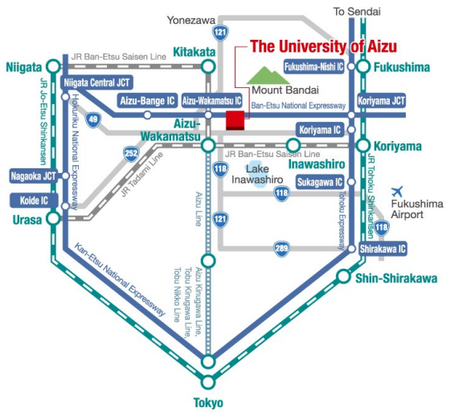
ACCESS MAP



Access

By Train

- ☐From Tokyo (JR Tohoku Shinkansen): About 2 hours and 40 min.
- ☐From Narita Airport via JR Ueno Station: About 3 hours and 20 min.
- ☐From Sendai (JR Tohoku Shinkansen): About 1 hour and 50 min.
- ☐From Aizu-Wakamatsu Sta. (by bus/taxi): About 10 min.

By Expressway Bus (to Aizu-Wakamatsu Station)

- ☐From Busta Shinjuku (Shinjuku Station): About 4 hours and 20 min.

By Car

- ☐From Tohoku Expressway Kawaguchi JCT: About 3 hours
- ☐From Tohoku Expressway Sendai IC: About 2 hours
- ☐From Jo-Ban Expressway Misato JCT: About 3 hours and 50 min.
- ☐From Ban-Etsu Expressway Niigata IC: About 1 hour and 40 min.
- ☐From Ban-Etsu Expressway Aizu-Wakamatsu IC (121+49): About 10 min.

Fukushima Airport

- ☐From Fukushima Airport (by expressway): About 1 hour and 50 min.

AIZU
THE UNIVERSITY OF AIZU

The University of Aizu

Tsuruga, Ikki-machi, Aizu-Wakamatsu City, Fukushima, 965-8580, Japan

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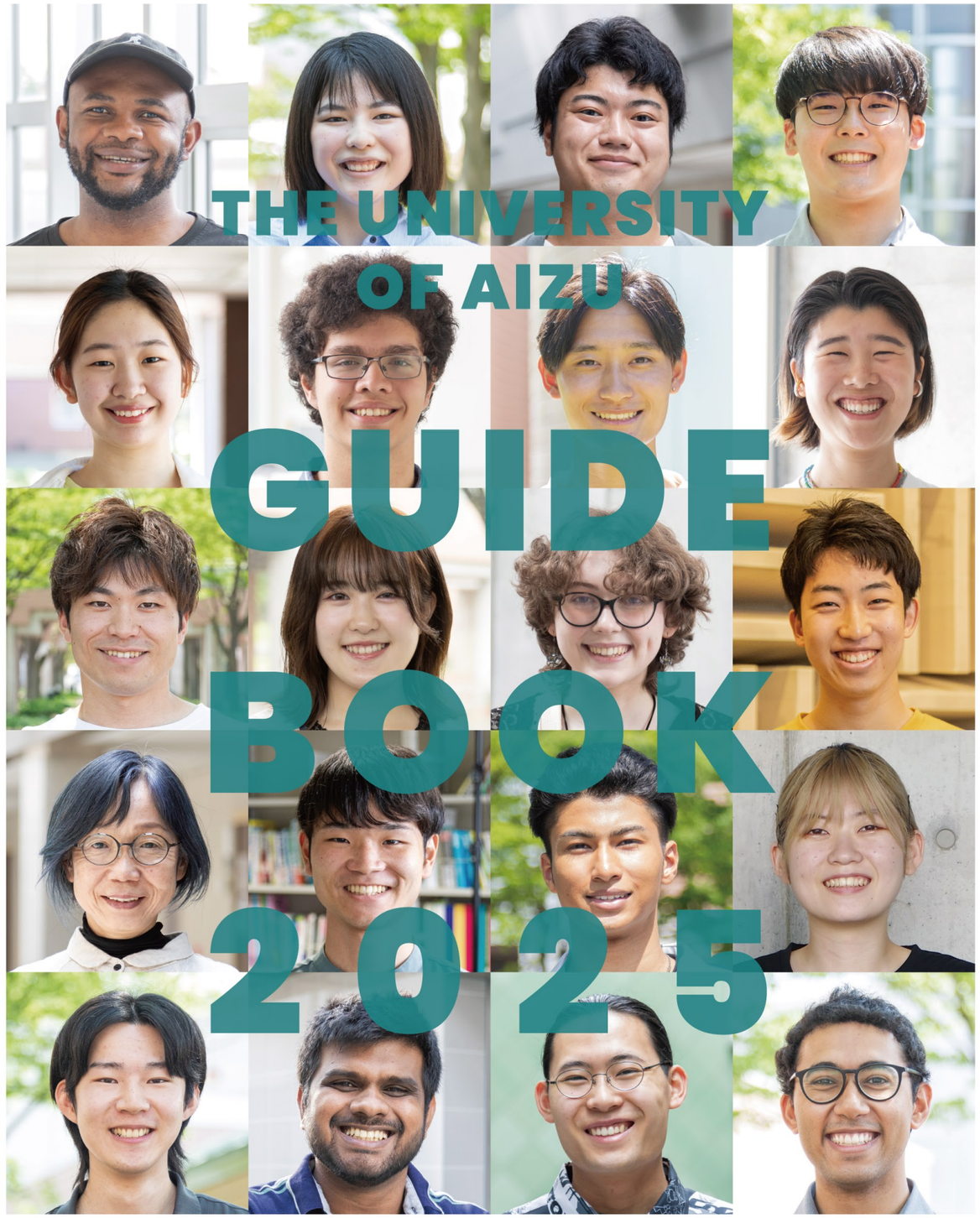
https://u-aizu.ac.jp/en/

Mobile Site▶

THE UNIVERSITY OF AIZU GUIDEBOOK 2025



THE UNIVERSITY OF AIZU GUIDE BOOK 2025

AIZU
THE UNIVERSITY OF AIZU

School of Computer Science and Engineering

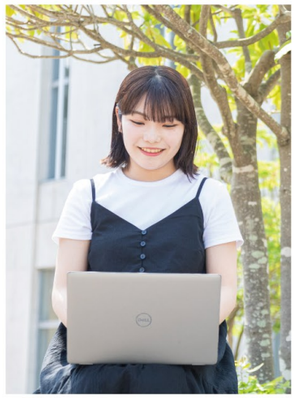
Connecting Knowledge.
Connecting People.
Changing Society.

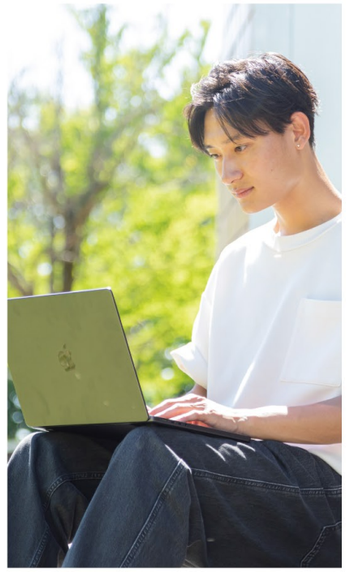
The University of Aizu aims to connect diverse knowledge and people through computer science and engineering, and to be a positive force for change in the local community and society at large.

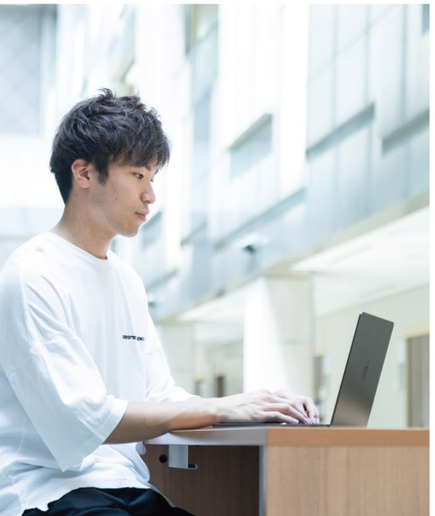
To this end, we practice “top-down education,” in which scientists and researchers from around the world engage in cutting-edge research and demonstrate the fruits of research to students.

Japanese and English are two official languages on campus. Students will naturally develop an international mindset in an environment promoting contact with diverse cultures and values.
As a public university, research results are also used to contribute to solving local issues. By participating in projects, students have the opportunity to acquire viable knowledge and skills through practice.

The learning experience at the University of Aizu will endow the students with the ability to “lead their own lives” and “contribute to others’ happiness.”
We believe that such interconnection of knowledge and people will be a positive force for change in society.







01

02

Contents

TSUKAHARA Tsuneo
Chairperson of the Board of Executives and President,
The Public University Corporation, the University of Aizu

The University of Aizu Nurturing World -Class Specialists

The University of Aizu was established in 1993 as a university specializing in computer science and engineering. During the Edo period, the Aizu clan, with its Nisshinkan school, was known for its dedication towards education. Continuing the tradition in this modern age, our university has substantially upgraded its educational and research contents based on the changing needs of society. From computer hardware and software technologies to the applied fields of information and communication technology (ICT), rapidly evolving AI, big data, IoT, semiconductors and integrated circuits, medical engineering, robotics, and space-related technologies, our education and research are flourishing.

At the undergraduate level, some 240 students per grade study ICT infrastructure technology, making them the largest student body among information science faculties in Japan. With some 110 faculty members today, each faculty member, on average, provides guidance on graduation thesis to two to three students, which means that adequate personal guidance is given to students. We take pride in the fact that as students study ICT infrastructure technology as well as have their own specializations, we are contributing to addressing the recent shortages of ICT engineers.

Our university stands out among other Japanese universities particularly in the area of internationalization. Since the opening of the university, we have had many non-Japanese faculty members (40% of the faculty today), which has contributed significantly to the internationalization of research. Many of our non-Japanese faculty members have their networks in their home countries and around the world, and routinely conduct international collaborative research. This has resulted in one of the highest numbers of research papers with international co-authorship in Japan. We will continue to leverage these characteristics to create a university that is open to Japan and abroad.

Based on the founding principle of "to Advance Knowledge for Humanity," we will contribute to promoting learning, exploring knowledge, and addressing local and social issues through co-creation with various stakeholders.

We hope that you will study at the University of Aizu, connect with diverse knowledge and people across the world, and be a positive force for change in the local community and society at large.

Admission Policy

The University of Aizu is the first university in Japan solely dedicated to computer science and engineering (CSE). Without question, CSE— encompassing information and communications technology (ICT) — has been a technological catalyst since the dawn of the digital age. Heralded as cutting-edge and with a bright outlook, CSE remains poised to bring about exciting new opportunities, and further unlock a new wealth of knowledge and applications with the potential to make the world more advanced and forward-looking than it is today. Founded on the principles "Act Locally, Think Globally" and "to Advance Knowledge for Humanity", since its beginning in 1993, the University of Aizu has conducted world-leading research and education in CSE, spearheaded by its own faculty comprised of highly accomplished researchers from all around the world. Partially owing to its unwavering commitment to global recruitment of faculty talent, the University of Aizu embraces an exceptionally culturally diverse academic environment: the level of success the University of Aizu enjoys today in that pursuit is unrivaled across the country.

The University of Aizu specifically looks for the following qualities in student applicants: students who are eager to be guided by the University's mission "to Advance Knowledge for Humanity" while thriving in a field of CSE: students who are eager to have a global vision, aspirations and objectives while living in the Aizu area.

The University of Aizu is committed to educate:
1. creative minds, cross-culturally competent aspiring researchers, IT leaders and entrepreneurs with a strong sense of ethical integrity, who are determined enough to make their mark in tech innovations.
2. enthusiastic students aspiring to make a leap forward in cutting-edge CSE research for the benefit of society.
3. standard-bearers who are eager to salute the growth of Fukushima's local industries, give moral support to them, and uphold Fukushima's homegrown culture through education and research.

Taking into account the above, an ideal undergraduate student (incoming freshman) must possess the qualities as follows.

An Ideal Undergraduate Student (Incoming Freshman)

An ideal undergraduate student (incoming freshman) is one who can demonstrate mastery of basic academic skills, is ready to take on the intellectual challenges of college level coursework, is ready to study CSE fields with ease, and furthermore possesses either one or both of the following attributes:
- one who exhibits strong intellectual curiosity and passion, is ready to delve into the world of CSE, and recognizes the hallmark of the University of Aizu's unique undergraduate program well enough to list the University of Aizu as their first-choice school.
- one who aspires to make a difference to the world through applying their ICT knowledge and skills.

To select such talents, the University of Aizu has set the following policy.

Basic Admission Selection Policy

The University of Aizu administers a written exam as the means of identifying academically meritorious applicants who possess fundamental skills specifically in mathematics and English.

Computer Science and Engineering as a springboard to the world!

An unparalleled computer environment, in-depth English education, top-level faculty from around the world...,the University of Aizu offers an exceptional environment for training professionals capable of playing active roles in the world. Education at the University of Aizu is attracting attention not only in Japan but also around the world.

Features of the University of Aizu from the viewpoint of numbers

The University of Aizu is ranked between 601st–800th (11th among Japanese universities) in THE World University Rankings 2024!

The University of Aizu was ranked 11th among Japanese universities in the THE World University Rankings 2024, published by the British magazine Times Higher Education (THE) on September 27, 2023. The ranking is based on analysis in five areas: teaching, research environment, research quality, international outlook, and industry income. The University of Aizu was ranked 1st among public universities in Japan.

11th

A computer environment with about 3,000 computer terminals – 2.5 computers per student!

The most notable features of the University of Aizu are its excellent computer education and research environment. A multimedia computer network has been established on campus to provide students with an ample number of computers and an environment for developing skills necessary for a broad range of cutting-edge research fields from basic research to applied research. For off-campus connection, the university uses SINET6, an academic information and communication network constructed and operated by the National Institute of Informatics (NII) as an academic backbone network for universities and research institutes all over Japan.

3,000 Terminals

Joint research with universities overseas!

Committed to internationalization of education and research ever since its founding, the university has exchange agreements with 109 universities and research institutes in 29 countries and regions around the world.

29 Countries & Regions
109 Universities

Computer science and engineering field

Computer science and engineering at the University of Aizu provides a gateway to different fields through computers. Which fields would you like to explore through computers? Find out at the University of Aizu.

Computer Arts

For more about this field, see "VILLEGAS Julian's lab" on p 18.

Network

For more about this field, see "JING Lei's lab" on p 19.

Software

For more about this field, see "YOSHIOKA Rentaro's lab" on p 22.

Programming

For more about this field, see "WATANOBE Yutaka's lab" on p 21.

Space Technology

For more about this field, see "DEMURA Hirohide's lab" on p 24.

Robotics

For more about this field, see "NARUSE Keitaro's lab" on p 25.

- Embedded Devices
- Modeling
- Economy
- Cloud
- Speech Recognition
- Intelligent Systems
- System Design
- Environment
- Medical ICT

etc...

About 40% of the faculty are foreign teachers!

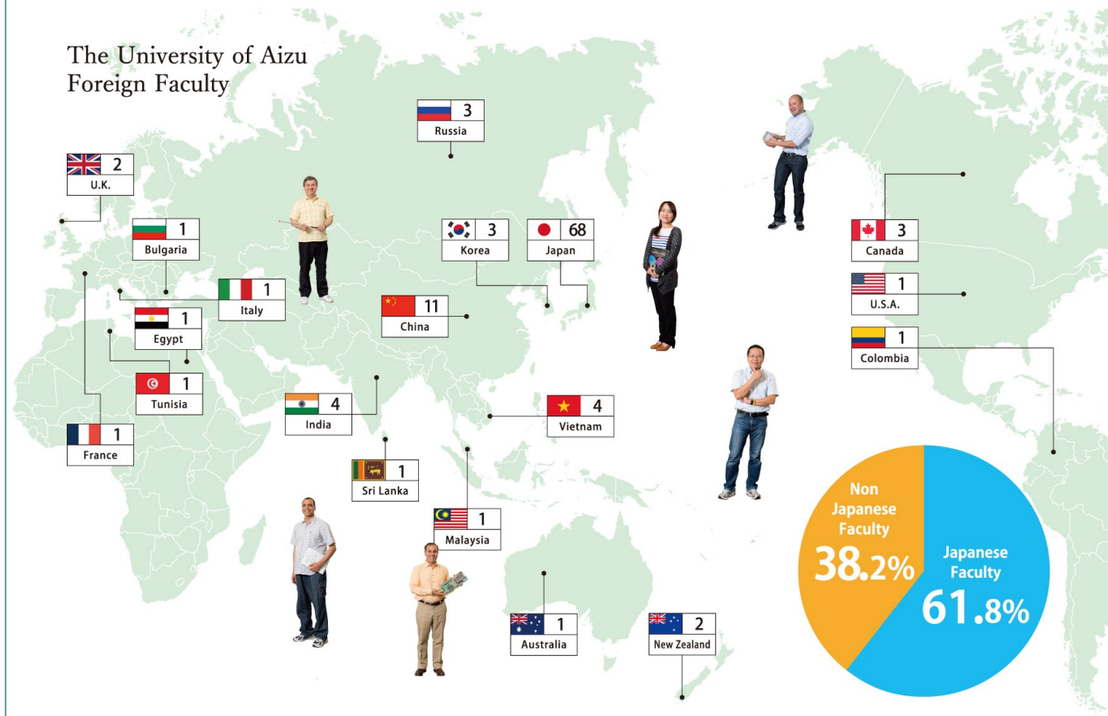
Because English and Japanese are the official languages at the University of Aizu, outstanding researchers gather at the university from all over the world. As a result, approximately 40% of all faculty members are from outside Japan.

about 40%

Pick up!!

English education with a focus on international awareness

Computer science and engineering are disciplines based mainly on English, so a high level of English proficiency is essential. Therefore, rather than having a curriculum for a second foreign language, the University of Aizu provides thorough English education, and students must achieve a certain TOEIC score in English proficiency to advance from the second year to the third year in undergraduate programs. All students must also prepare and present their graduation thesis in English, which is an aspect of our University's education that is attracting attention from computer-related companies.



A teacher is always nearby!

The student-faculty ratio at the University of Aizu is 10 to 1, which is considerably lower than the national average of 20.3 to 1.* Many classes are organized for a small number of students, and teachers are always on hand, so students can receive attentive instruction. (*From Asahi Shimbun x Kawaijuku Joint Survey, "HIRAKU Japanese Universities," 2015)

1:10

University of Aizu students come from all over Japan and the world!

More than half of the students enrolled are from outside the prefecture. There are many students from abroad as well. By studying together, students can expand their world by learning about differences in cultures and environments.

Fukushima Prefecture **32%** : Outside The Prefecture **68%**

We are a Global University!

Student's VOICE

PRERNA

1st-year student (from India)

As an international student at the university, I have found a supportive environment with abundant facilities. The constant support from the seniors and teachers has been invaluable, guiding me through the challenges of coursework and university life. The diversity on campus has enriched my experience, offering different perspectives and fostering a welcoming community. I appreciate the opportunities to learn, grow, and connect with people from various backgrounds, making my university journey both fulfilling and enriching. Overall, my university experience has been transformative, equipping me with skills and insights that will undoubtedly shape my future endeavors.

Student's VOICE

YESMIN Sumaiya

1st-year student (from Bangladesh)

Choosing to study at the University of Aizu in Japan was a decision driven by several compelling factors. First and foremost, the University of Aizu's strong focus on computer science and engineering aligns perfectly with my academic and career aspirations. As Japan's first university dedicated solely to these fields, it offers a specialized and in-depth curriculum that I found highly appealing.

Student's VOICE

GOONETILLEKE Kumudri Chavika

4th-year student (from Sri Lanka)

As an international student, one of the most attractive aspects of studying at the University of Aizu is the balance between academic rigor and cultural immersion. The courses are conducted in English, whereas the interactions and environment remain close to Japan's educational standards.The university's ICTG course offers targeted materials to help students identify and develop their skills, along with friendly students and supportive administrative staff ensuring constant support. The university also provides a variety of clubs and activities, feel free to try out something new here at the University. Nestled in a city with refreshing sceneries and historical monuments, I believe that the University of Aizu is a delightful place to live and study!

Student's VOICE

QUINN Joan Arcadia Valentine

2nd-year student (from Scotland)

As an ICTG student, I appreciate the University of Aizu's diversity of experience. It's a small university, and an even smaller course with under 20 students per year. Thus there's no standard path someone arrives - no standard student. This uniqueness creates a lack of expectations that is both freeing and daunting. Additionally despite the vastly varied situations students come from, the university always does its best to accommodate them. Personally, I'm only here, due to the tireless support of the admissions department who helped me apply using non-standard qualifications.

ICT Global All-English Program

From the first year of undergraduate study, the ICT Global All-English Program enables students to take general education and advanced courses entirely in English and graduate.Focusing on innovation and future possibilities of ICT, the program covers a wide range of computer science and engineering. Japanese language courses and experiences in Japanese cultural activities are also provided to instill in students understanding of the regional identity. The students can learn to apply that knowledge globally.

[Features of the Program]

◎As with the university's general curriculum, the program is based on the ACM-IEEE Curriculum, a global educational standard in the field of computer science.
◎The program provides active learning in small groups, hands-on education, and workshops.
◎Students are encouraged to do internships with a Japanese company or do internships or overseas training in a country other than their native countries.

All academic activities are conducted entirely in English.

Japanese language lectures and cultural experiences are also provided.

Application Guide for Admission	
Eligibility	Individuals who have completed a 12-year school education equivalent to that of Japanese high school graduates
Requirements	Academic Proficiency: ACT, EJU, A-level, IB, AP, Gaokao (China), HKDSE (Hong Kong), Class XII examinations (India), STPM/UEC (Malaysia) /English Scores: TOEFL iBT, IELTS, TOEIC or EIKEN
Application Period	February - March
Tuition (JPY)	520,800, Payment in two installments of 260,400 each by the end of May and November

One-time Admission Fee (JPY)	
Admission Fee	564,000
Insurance Fee	9,380
Others	70,000
Total	643,380

Collaboration with overseas partner universities and establishment of innovation hubs

To date, the University of Aizu has engaged in research and concluded academic exchanges with 104 universities and research institutes in 29 countries and regions. The university hosts domestic and international conferences every year. Overseas, the university has set up "innovation hubs" in Silicon Valley in the United States and Dalian and Shenzhen in China to learn about the world's most advanced technology and collect information. The University of Aizu also conducts overseas training programs and research presentations, and provides opportunities to interact with local engineers. The university itself also serves as a hub for gathering and disseminating information locally.


Shenzhen, China Hub


Silicon Valley, the United States Hub

Student's VOICE

MUNASINGHA Tenshi

1st-year student (from Sri Lanka)

As a person who completed high school in English and did programming as a hobby, ICTG course was a perfect fit. The classes consist of global set of students and it has been such an intellectually stimulating experience that allowed me to get introduced to diverse cultures. Thanks to the support of passionate professors and motivating friends, I am having not just productive but enjoyable life in UoA.

Student's VOICE

EINHEUSER Kiran

1st-year student (from Hong Kong)

As someone who is still learning the Japanese language, the ability to study here in Japan in the English language provides a comfortable environment for my skills and learning to develop while granting me the means to progress my Japanese language ability. The course has provided a strong foundation in computer systems and programming, as well as expanding on the mathematics learnt in high school.

Study Abroad and Internships

For students who are motivated to study and research overseas, the University of Aizu provides opportunities to study and train overseas by arranging various programs to suit the stage and objectives of each student's study. Students can obtain credits from the University of Aizu for short-term programs. The university also recognizes credits students earn during medium-term overseas study programs as credits of the University of Aizu.

Specialized research and education, technical skills

■Internship

Place: Silicon Valley, United States

Development of prototypes related to IoT (Internet of Things), AI, etc., and visits to renowned universities and companies.

■Internship

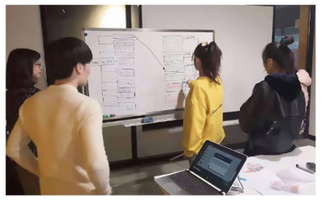
Place: Dalian, China

Training on international ICT business planning at Dalian Neusoft University of Information and an internship at a local company.

■Overseas business development project

Place: Dalian, China

Training and planning an international virtual ICT business at the innovation creation facility of Dalian Neusoft University of Information in China.



Medium-term study abroad program

Overview: Study abroad for a period of 3 months to 1 year at a university with which the University of Aizu has signed an agreement.

Place: Rose-Hulman Institute of Technology (United States), Karlsruhe University of Applied Sciences (Germany), Ostbayerische Technische Hochschule Regensburg(Germany), or other university/research institutes with which the University of Aizu has an exchange agreement.

This is a program that students undertake research, participate in an internship and obtain credits. The University of Aizu provides a certain amount of financial support with travel and accommodation expenses necessary for overseas study. Students stay in student dormitories, etc.

Please take a look at the reports of students who have experienced study abroad and other programs from the QR codes on the right.

Short-term/medium-term study abroad, English experience program for study abroad preparation, etc.

Overseas internship program/overseas business development project

Multicultural Campus and Globalization of the Local Community

The university offers an environment where international students from across the world and Japanese students study together, enhance international awareness, and form a strong international network that will continue after graduation. Extracurricular activities, such as club activities, exchange with local residents, and international cultural events, promote lively interaction between residents and students and support international relations on campus as well as in the local community.

■Global Lounge

This is a space where international students and Japanese students can deepen their understanding of different cultures and improve their language skills in a friendly, relaxed atmosphere. Students can learn languages and interact in "International Talk" during lunch time or have conversations about a wide range of topics in "EEE-Chat" (English) and "JJJ-Chat" (Japanese).

https://u-aizu.ac.jp/osip/en/abroad/gl.html

■Buddy Program

This is a program in which Japanese students provide support to international students who have just enrolled in the university in their classes and everyday lives. This also helps Japanese students improve their English communication skills.

■International activities in the community

Japanese and international students engage together in activities to reinvigorate the local community and promote international and regional exchange.

International Exchange at the University of Aizu
The aim is to build applications and services that can be used on campus.

■Aizu Geek Dojo

Aizu Geek Dojo is a space with a seminar area and a workshop area containing equipment and manufacturing facilities. It is a place where students interested in a startup business and students who like technology get together and interact. Students can give presentations and hold events in the seminar area, and in the workshop area, students can use equipment, work on electronics, and hold workshops.

Honors Program

The University of Aizu offers the following two programs for outstanding students and students with unique talents who plan to pursue independent activities: Integrated Undergraduate-Master's Program and Unique Talent Discovery Program

Integrated Undergraduate-Master's Program

Students in this program complete an undergraduate and Master's degree in five years, during which time they may take up to one year's special leave for their Honors Year study.

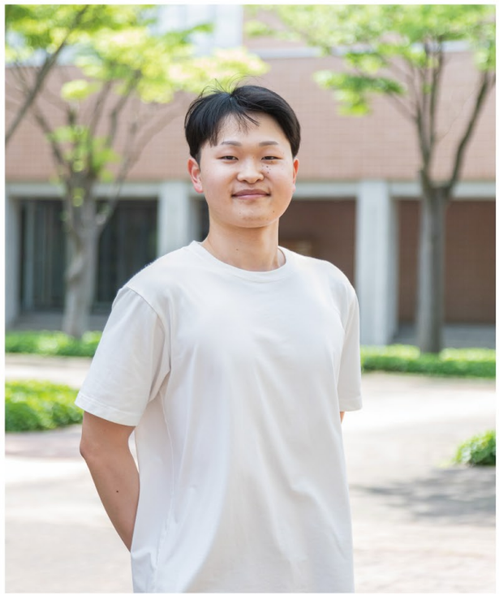
Type A Graduate from an undergraduate program in 4 years → Complete Master's program in 1 year

Type B Graduate or withdrawal from an undergraduate program in 3 years → Complete Master's program in 2 years

Scholarship Program Students accepted in an Integrated Undergraduate-Master's program may apply for a scholarship upon their admission to Graduate School.

Unique Talent Discovery Program

This is a program for discovering and nurturing the development of a unique talent. Students who qualify can receive various types of support.



Student's VOICE

KOKUBUN Kota

Master's Student (from Fukushima Prefecture)

To set a goal in my otherwise rudderless university life, I started to think about the Honors Program. The program kept up my motivation for study and gave me invaluable experiences such as making a presentation at an international conference after moving on to graduate school. It helped me recognize early on and overcome my ignorance and to feel the joy of satisfying my immense curiosity. Though I may stumble along the way, I hope to put faith in the knowledge and the thought process honed through this experience, and go forward a step at a time.

Student's VOICE

ISHII Daichi

Master's Student (from Miyagi Prefecture)

I am now writing my international thesis, a requirement for completing my Honors Program. It is a difficult path because you have to complete in a short period of time what would normally take more than a year. But it's worth it. Nothing ventured, nothing gained, whether successful or not. In addition to the Honors Program, the University of Aizu offers an environment for those who are willing to take on challenges.

The University of Aizu offers a wide variety of subjects as well as Student Cooperative Class Projects and venture experience workshops to flexibly provide for the interests of students from their first and second years.

Student Cooperative Class Projects (SCCPs)

Student Cooperative Class Projects are classes where students select a research theme and engage in practical training and research from their first year. Of course, it is difficult to undertake research in full scale from the first year, so the program is designed to allow students to work on projects without special knowledge and skills. In addition, these classes give first-year students the opportunity to visit laboratories and seek advice on their studies and research. In that way, they can deepen their relationships with teachers and seniors.

Let's develop an application for the better campus life

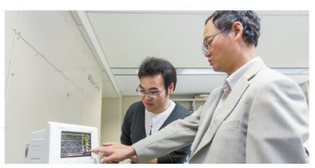
ABE Yasuhiro,
Senior Associate Professor

The aim is to build applications and services that can be used on campus.
*As of the first half of AY2024

CATEGORY Total of 26 projects including the development of competition robots

Venture Experience Workshop

"Venture Experience Workshop" is the name given to courses taught using PBL (Project Based Learning: project-based problem-solving learning), a practical educational method that has been attracting educators' attention. Students identify issues relevant to the university, companies, or region, and work in teams to address a particular development theme and implement their solution. They can also receive advice directly from professional engineers, and experience starting-up a venture business and/or developing software under circumstances similar to those in the actual industrial world.



Building "Kaifu" health big data infrastructure

CHEN Wenxi,
Professor

In this class, each student can work in his or her own fields of interest while maintaining a focus on bio-signal measurement and analysis. Each member can set his or her own theme, such as "Research and development of measurement devices and analysis algorithms for various biological signals such as ECG, PWV and EEG." Lecturers and TAs give advice for solving attempted problems. Through this course, students can attain knowledge and skills, mainly in biomedical engineering, and develop their problem-detection skills, problem-solving ability, and capacity for imagination.

CATEGORY Basic Knowledge Course on starting up ventures
Venture Experience Workshop (6 workshops in total)

Competitions and Regional Contribution

Hosting of Competitions

The University hosts "PC Koshien," an annual programming contest for high school and technical college students nationwide.

Participation in the International Collegiate Programming Contest (ICPC)

The International Collegiate Programming Contest (ICPC) is an international competition in which prominent universities around the world match wits in the field of computers. The University of Aizu team has passed through the domestic qualifiers and advanced to the Asian Regional Contest every year, and works hard to qualify for the World Championships. So far, the team has participated in Asian Regional Contests held in 8 countries including Japan, Korea, Taiwan, Thailand, Singapore, and Malaysia, and they have also participated in the World Championships in 2009, 2016, 2017, and 2020.

ACM-ICPC World Finals 2017 in Rapid City (USA)
(Placed a 56th out of 133 universities. It was the second time in eight years.)

https://u-aizu.ac.jp/circles/acpc/

Regional Contribution

One of the University of Aizu's founding principles was "contributing to the industry and culture of Fukushima Prefecture," and it has been working to promote activities that contribute to the region ever since. We proactively collaborate with local industries to create new industries centered around our research and technology in partnership with local companies.

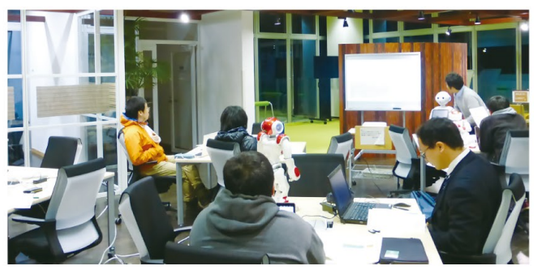
University-Business Innovation Center (UBIC)

"The University-Business Innovation Center (UBIC)" was established on campus as a gateway and a hub for university-industry collaboration. UBIC creates innovative ideas and engages in collaborations with the local community as a means of sharing the UoA's research and educational achievements with industry and the region.

University-Business Innovation Center (UBIC)

Reconstruction and Creation Support Center (RACS)

To contribute to the reconstruction of Fukushima Prefecture, we are engaging in various research projects in our advanced ICT laboratories equipped with data centers, promoting innovation through industry-academia collaboration in our "Aizu Open Innovation (AOI) Meetings," and making efforts to nurture the development of ICT human resources.



Reconstruction and Creation Support Center (RACS)

5 Fields Curriculum

5Fields enable you to realize your chosen

The curriculum of the Undergraduate School comprises 5 fields. Studies in each field will satisfy students' diversified intellectual curiosity: "What are the fundamental principles of computers?" "I want to design computers." "How does the Internet work?" "I am interested in robotics and medical science." "I hope to develop a large-scale computing system." Under this curriculum, students can take courses in specialized fields corresponding to their plans for the future. But students do not need to make decisions about everything from the beginning of their study. Under the guidance of course advisors and graduation thesis supervisors, they decide on their particular field in their third year, but they are allowed to change it. The University of Aizu offers flexible support so that students can develop their talents and strengths more naturally and more fully.

Fields

Computer Science
Learn how to use computer through mathematical theory and algorithms.
Sample Paths
- Financial engineering analyst
- IT consultant, etc.

Computer Systems
Learn how to design and construct computer systems.
Sample Paths
- Computer system development
- Development of home appliances and vehicle-mounted devices, etc.

Computer Network Systems
Learn about computer networks, network construction methods, and services provided via computer networks.
Sample Paths
- Network engineer
- Communications, etc.

Applied Information Technologies
Learn about IT required in a wide range of fields such as business, politics, health, and education.
Sample Paths
- Robotics
- Medicine
- Game development, etc.

Software Engineering
Learn how to systematically develop, operate, and manage large-scale software systems while considering reliability and efficiency.
Sample Paths
- Large-scale computer system development
- Project manager
- System administrator, etc.

Admission

Undergraduate School

First-year students	Second-year※2 students	Third-year students	Fourth-year students

Specialized Fundamental Courses
In these courses, you'll learn the basics of computing.
□Mathematics □Natural Science
□Computer Fundamentals □Programming Languages
□Fundamentals of Computer Science & Engineering

General Education Courses
You'll develop a sound mind and body in these courses.
□Humanities and Social Sciences □Health and Sports Sciences

Foreign Language Courses
Students will learn practical English needed by computer science and engineers. Alternatively, international students can study Japanese as a foreign language.

Practical Projects
Exercise courses including the contents of various subjects.

Advanced Courses
Regular Courses to deepen specialized knowledge and skills
□Computer Systems
□Computer Network Systems
□Applications
□Software Engineering
□Other Courses

Venture Experience Workshop
Project-based learning (PBL) offers students simulated experience of the practices in the real-world industry.

Student Cooperative Class Projects (SCCPs)
In these courses, undergraduates from year one to four study and conduct research together.

Career Design I (First-year students)
Here you will learn how to plan your future.

Career Design I (Second-year students)

Choosing a Graduation Thesis Supervisor

Career Design I (Third-year students)

Career Design II

Graduation Thesis (GT)
Every student's four years of learning culminates in writing a graduation thesis in English.

Mid-term Presentation of Graduation Thesis

Graduation Thesis Presentations

Courses for the Teaching Profession
These courses are for students aiming to obtain teaching certificates.
Acquirable teaching certificates:
First Class certificate for teaching in junior high school (Mathematics)
First Class certificate for teaching in high school (Mathematics and Information)

Integrated Undergraduate-Master's Program ※1

■Type A
(Four-year Undergraduate + One-year Masters)

First-year students	Second-year students	Third-year students	Fourth-year students

■Type B
(Three-year Undergraduate + Two-year Masters)

First-year students	Second-year students	Third-year students	Entering Graduate School after completion of third year

Graduation (Enter the workforce or a Master's program)

Graduate School

First-year Master's students	Second-year Master's students

Regular Courses
Develop specialized knowledge and skills.

Master's thesis Research
Conduct research to write a Master's thesis

Seminars
Here you will engage in broad-spectrum learning beyond your specialization.

Project Development Arena
In this course, you will improve your problem-solving skills.

Master's Thesis Presentations

Courses for the Teaching Profession
Acquirable teaching certificates:
Advanced Class certificate for teaching in junior high school (Mathematics)
Advanced Class certificate for teaching in high school (Mathematics and Information)

First-year Master's students	Completion

First-year Master's students	Second-year Master's students

Completion (Enter the workforce or a Doctoral Program)

※1 Integrated Undergraduate-Master's Program: Type A (4 years Undergraduate + 1 year Master's),Type B (3 years Undergraduate + 2 years Master's). For example, integrated undergraduate and Master's students can obtain an Honor's Year (special leave of absence) up to a maximum of one year for their own study (such as overseas study or an internship) while enrolled at the graduate school.

※2. Students must meet credit requirements and achieve a specified TOEIC score to advance from second to third year in undergraduate programs.

Specialized Fundamental Courses

Learn the basics

Specialized Fundamental Courses are categorized into five groups: Mathematics, Natural Sciences, Computer Literacy, Programming, and Fundamentals of Computer Science and Engineering. Students learn the basic computer knowledge they will need, before going on to advanced courses.

Introduction to Programming

Quite a few of the new students learn programming for the first time after their entrance to UoA. In this class, you start from the basics, learning the most popular programming language C. This course is aimed at helping you learn how fun programming can be, and faculty member and TAs give every possible help for you to learn.

C A T E G O R I E S

Mathematics

- ☐Linear Algebra I･II
- ☐Calculus I･II
- ☐Fourier Analysis
- ☐Complex Analysis
- ☐Probability and Statistics
- ☐Mathematical Logic
- ☐Introduction to Topology
- ☐Applied Geometry and Topology
- ☐Applied Algebra

Natural Science

- ☐Dynamics
- ☐Electromagnetism
- ☐Quantum Mechanics
- ☐Semiconductor Devices
- ☐Thermodynamics and Statistics Mechanics

Computer Fundamentals

- ☐Literacy
- ☐Introduction to Computer Science and Engineering
- ☐Introduction to Computer Systems
- ☐Information Security
- ☐Information Ethics
- ☐Introduction to Multimedia Systems
- ☐Introduction to Computer Networking
- ☐Creativity Studio
- ☐CSE Exercise I･II
- ☐Information and Occupations
- ☐Fundamentals of System Development and Project Management

Programming Languages

- ☐Introduction to Programming
- ☐C Programming
- ☐JAVA Programming I
- ☐JAVA Programming II
- ☐C++ Programming
- ☐Computer Languages

Fundamentals of Computer Science & Engineering

- ☐Algorithms and Data Structures I
- ☐Discrete Systems
- ☐Logic Circuit Design
- ☐Operating Systems
- ☐Automata and Languages
- ☐Introduction to Data Management
- ☐Algorithms and Data Structures II
- ☐Information Theory and Data Compression
- ☐Computer Architecture
- ☐Language Processing Systems
- ☐Numerical Analysis
- ☐Introduction to Software Engineering

Integrated Exercises

Acquire comprehensive abilities

Students in these courses acquire knowledge and skills regarding computer systems and software through practical exercises that cover a range of subjects without concentrating too heavily on any particular ones.

Advanced Courses

Deepening specialization

Advanced courses are categorized into five groups: Computer Systems, Computer Network Systems, Applications, Software Engineering, and Other Courses. These courses enable students to gain confidence as computer scientists and/or computer engineers as they acquire essential knowledge and skills for these professions.

Advanced Logic Circuit Design

Logic design refers to the two-valued (0-1) logic design of functions to be realized within the digital integrated circuits comprising the central processing unit (CPU) of a computer.
In Advanced Logic Circuit Design, you will learn a hardware description language (HDL) actually used in design, and about design support tools and their usage.

C A T E G O R I E S

Computer Systems

- ☐Electronics
- ☐Embedded Systems
- ☐Parallel Computer Systems
- ☐VLSI Design
- ☐Advanced Logic Circuit Design

Computer Network

- ☐Network Security
- ☐Network Programming
- ☐Wireless Networks
- ☐Modeling and Simulation of Computer Networks

Applications

- ☐Artificial Intelligence
- ☐Computer Graphics
- ☐Image Processing
- ☐Robotics and Automatic Control
- ☐Human Interface and Virtual Reality
- ☐Signal Processing and Linear Systems
- ☐Sound and Audio Processing
- ☐Geometry for Visual Computing
- ☐Information Retrieval and Natural Language Processing

Software Engineering

- ☐Web Engineering
- ☐Advanced Software Engineering
- ☐Software Studio
- ☐Concurrent and Distributed Computing
- ☐Introduction to data science with Python
- ☐Introduction to big data analysis

Student's Voice

JALLOW Cherno Suwaidou
1st-year student
(from Gambia)

Since joining Aizu University, I've come to deeply appreciate several aspects of the institution that have made my experience both positive and enriching. In particular, the support for international students is excellent. Initially, I was concerned about navigating the various processes, especially since I don't speak Japanese. However, the staff has made everything so much easier, guiding me through each step with great efficiency and care.

ANDO Lui
2nd-year student
(from Aichi Prefecture)

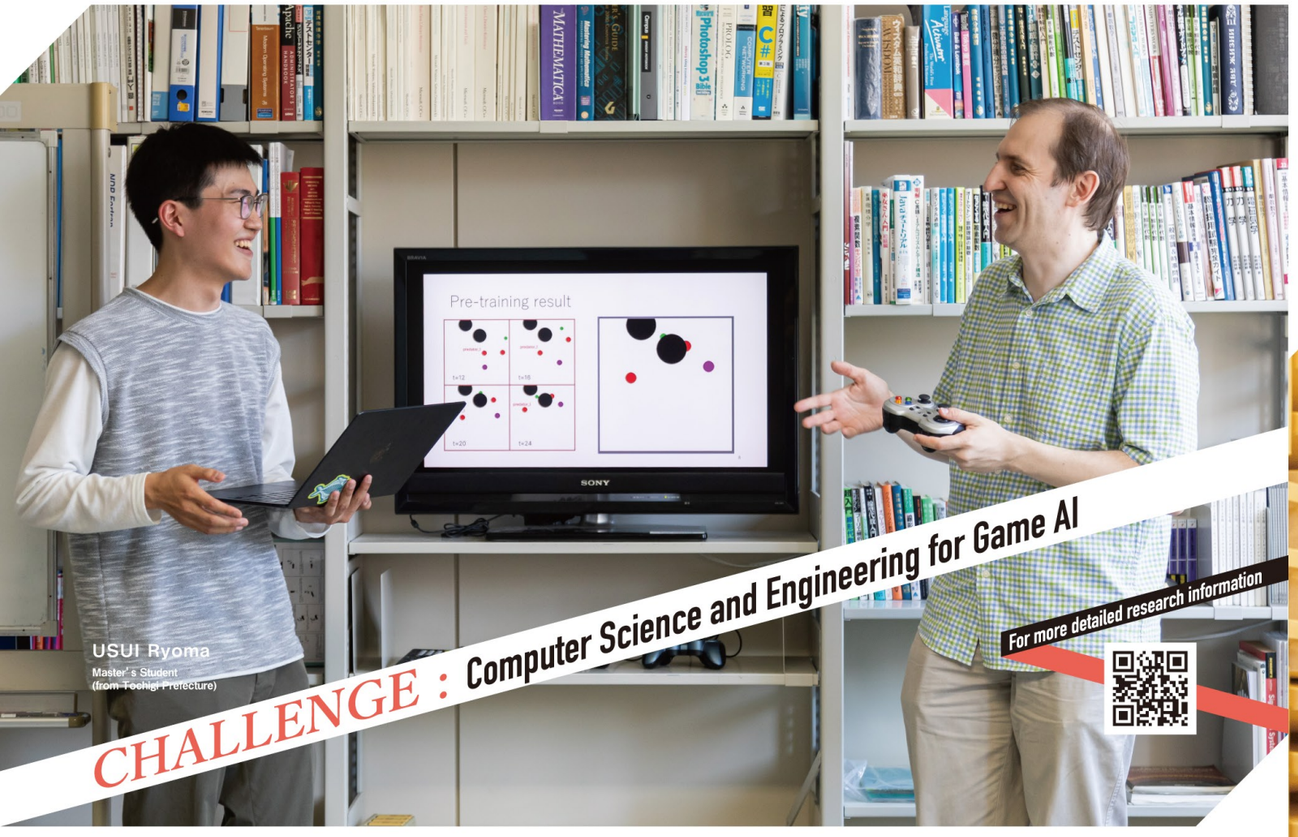
Many University of Aizu students earn all required credits by the end of third year so they can focus on research in the fourth year. The university also supports undergraduates considering studying at the graduate level by offering advanced courses and allowing them to register for one graduate course each semester.

PANDA Dwitipriya
3rd-year student
(from India)

Being able to study in specialized fields from my first year was a significant plus for me. Courses cover not only basics but also advanced content, and the learning environment is such that I feel free to ask questions of upper class students, so I can steadily acquire knowledge. I can also attend seminars and learn about fields that interest me early on in my study.

Driven researchers creating the future

"To Advance Knowledge for Humanity," we will make discoveries and inventions that will contribute to peace and prosperity for humankind. We have researchers with this vision of the University of Aizu in mind, who continue to take on challenges in the world from our local campus. Our researchers also do their utmost to support students who are eager to take up the "challenge" of creative research.



Professor's Message

VILLEGAS Julián

Senior Associate Professor

Underdeveloped Technology for Sound Communication Has Substantial Potential as a Research Field

We rely heavily on vision to gather information, especially through devices like televisions and smartphones. Smartphones are particularly convenient for tasks like internet searches and navigation. While sound surrounds us, its use for conveying information is often limited to specific instances, such as train announcements or pedestrian signals.

Because most information comes through screens, our vision is overloaded. For example, focusing on a smartphone can distract us from our surroundings, leading to accidents, especially in crowded cities. Texting while walking is especially dangerous. If some information could be conveyed through sound, like via loudspeakers or headphones, it could enhance safety and improve our lives.

Integrating vision and sound in various contexts could significantly improve communication and information delivery. While research in this area is challenging and underdeveloped, it offers many opportunities for technological innovation. If you're interested in sound, let's collarate and explore these possibilities.

AI Research for More Enjoyment and Better Future Lives

AI can sometimes be so good as to beat shogi masters and world chess champions. This may make playing games with the computer unexciting, however. If so, the essential "fun" element of playing games would be lost, and no one would play games anymore. If the character you control in a game can move realistically like us humans, we can bond better with the character for a more immersive, enjoyable gaming experience.

Creating realistic characters requires studying and recording human behavior in detail and identifying commonalities. AI makes it easier to create human-like characters. Our research has significant potential to benefit not only gaming, but also education and medicine. Our research on the use of AI to make gaming more enjoyable not only gives us better understanding of humans, but also contributes to making our future lives better.

Professor's Message

MOZGOVOY Maxim

Senior Associate Professor

Professor's Message

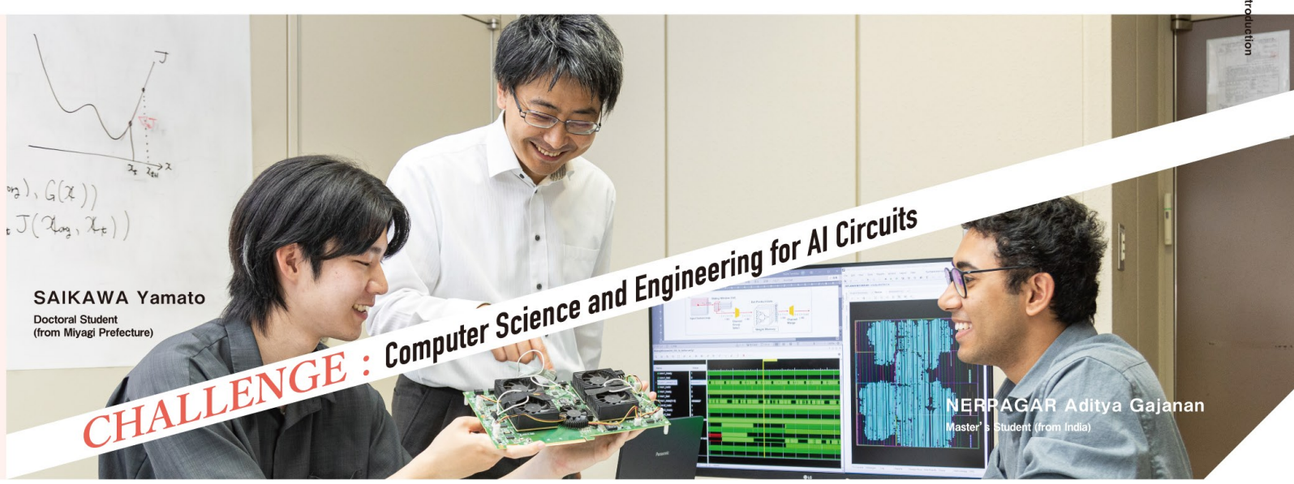
TOMIOKA Yoichi

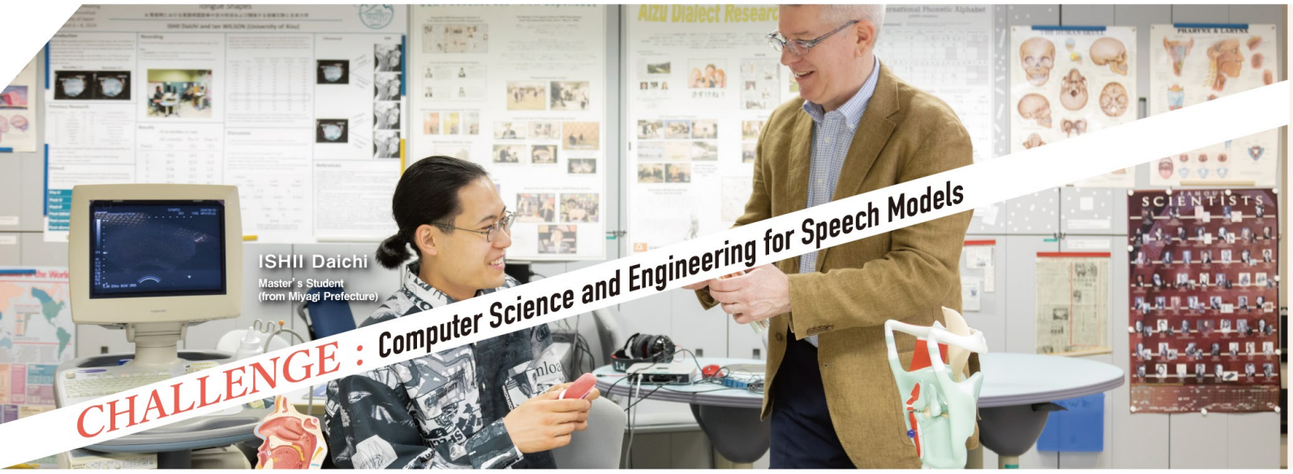
Senior Associate Professor

Acquiring Skills for Designing Sustainable Circuits in Aizu Where Manufacturing is Embedded in Its Culture

Mission-critical systems in infrastructure and healthcare call for hardware and software that offer quality, reliability, redundancy, and fault tolerance. Fault tolerance is essential particularly for AI, the failure of which could cause serious malfunctioning that could lead to human casualties. Application of existing fault-tolerant technologies to AI systems, however, significantly increases the integrated circuit size, power consumption, and cost. At our research lab, we try to establish integrated circuit design for fault-tolerant AI that will detect sudden failures and maintain sufficiently accurate fault recognition with low computational power and small integrated circuit size. This technology can be used in wearable medical devices and in satellites. Our university offers an extensive curriculum for circuit and system design not available at other universities. Why not create something uniquely yours in Aizu, where the spirit of manufacturing is embedded in its culture?

For more detailed research information





Professor's Message

WILSON Ian

Professor

Computers & Technology Open up a World of Audio Right Before Your Eyes

Welcome to the Phonetics Lab at the Center for Language Research (CLR)! We explore how sounds that make up a language are generated and recognized. We use our lab equipment to examine ultrasound images of the tongue moving during speech as one would view fetal movement, observing in real time how different parts of the tongue move as it produces different sounds. Computerized image processing is also used to compare tongue movements between different languages. Praat software is on hand for acoustic analysis. By recording and analyzing speech sounds, characteristics such as pitch and volume can be visualized, helping us understand the composition of speech sounds and how they change. Phonetics is useful not only for understanding the mechanism of speech, but also for improving our ability to communicate and studying the diversity of human languages. We look forward to welcoming you to the Phonetics Lab, which offers an attractive environment for you to enjoy exploring the science of speech!

For more detailed research information

Professor's Message

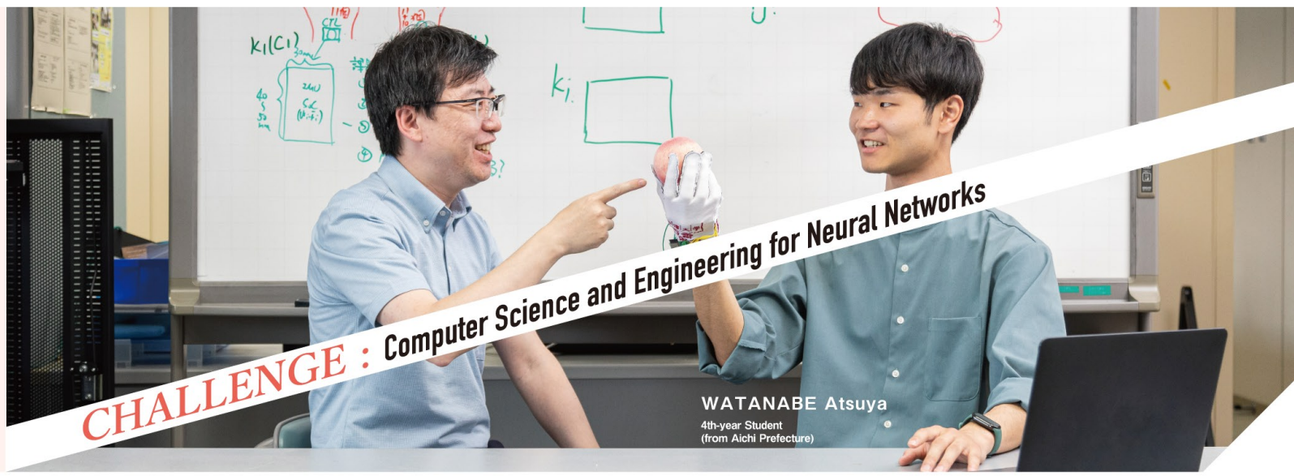
JING Lei

Senior Associate Professor

The Fusion of AI and Sensing Technology Changing the Future of Agriculture and Nursing Care

Recent advances in AI have had a significant impact on modern society. In addition to voice recognition, self-driving cars, and autonomous food delivery robots, AI can be integrated with sensing technology to be used in nursing care as well as agriculture which are beset by problems of ageing farmers and shortage of successors. For example, peaches and apples can be damaged and cannot be sold if too much pressure is applied on them while harvesting. Adjusting the pressure is difficult for inexperienced workers, but with gloves that correctly adjust the pressure, the fruits can be easily harvested, contributing to solving the problem of shortage of successors and the workforce. For those with walking difficulties and older people, pressure sensors can be attached to their shoes for analysis of pressure areas for rehabilitation and prevention of a fall. The University of Aizu has an environment for conducting research seamlessly on the programming of these solutions, developing the software for controlling the algorithms, and providing the hardware for actualizing the movements.

For more detailed research information



Professor's Message

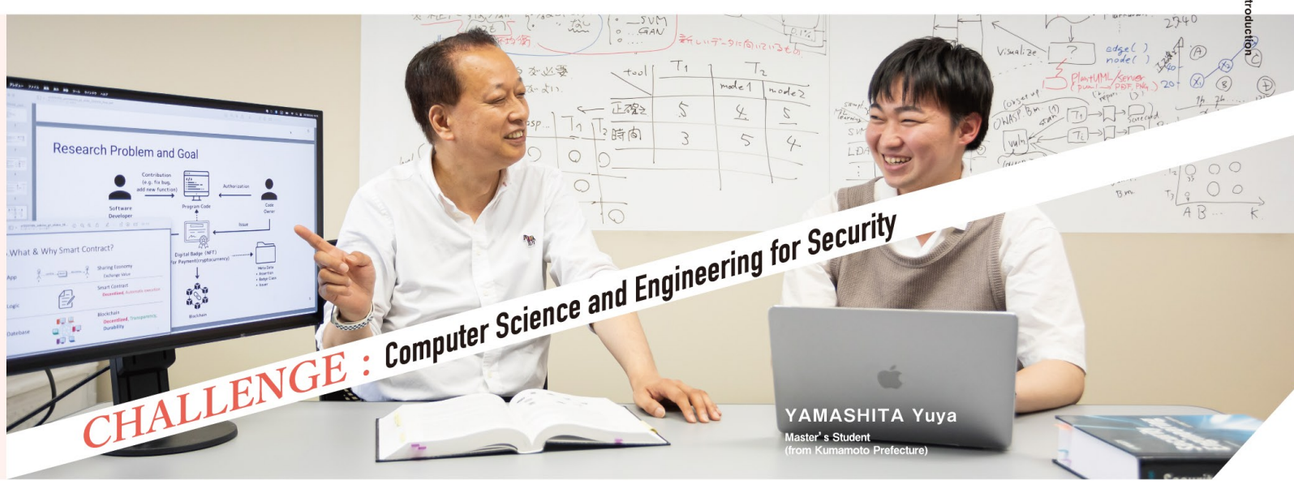
NAKAMURA Akihito

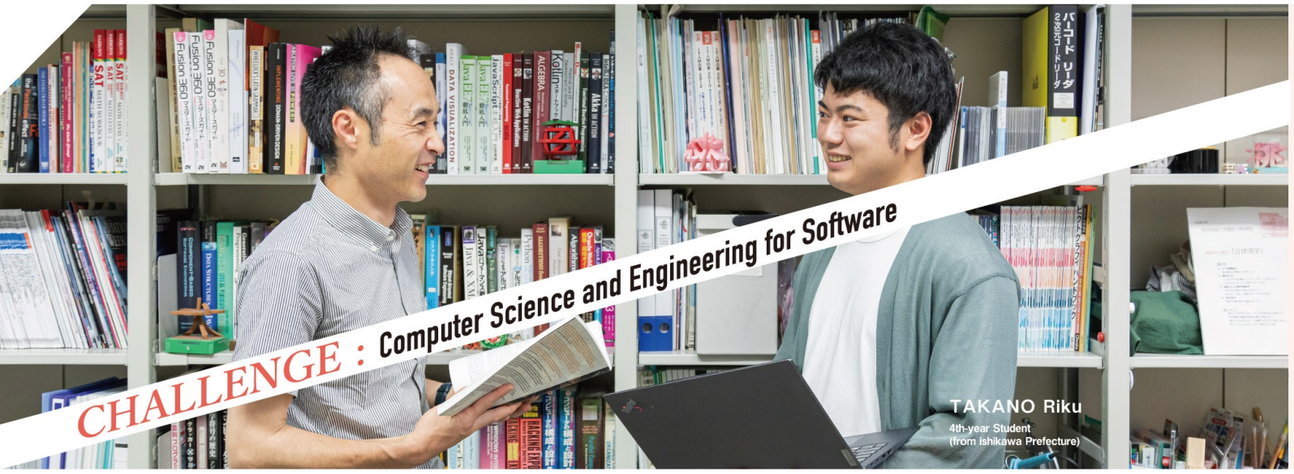
Professor

Advanced Security Necessary to Counter-Evolving Cyberattacks

Personal computers, smartphones, and smart speakers are integral to our lives today. Home appliances can be controlled via the Internet for our convenience. At the same time, there has been an increase in cyberattacks against businesses and cybercrimes against ordinary citizens. It is beyond human capacity to deal with the massive amount of server access logs during a cyberattack, but in recent years, AI has solved this impractical problem. Advances in AI have led to the development of technologies for detecting cyberattacks, analyzing system flaws and risks, and verifying security measures using simulated attacks. My research also addresses issues more familiar to the general public regarding Internet use, such as risk analysis of information disseminated across social media, measures against phishing scams, and online privacy protection. The University of Aizu is training professionals in the security field, which is growing in importance by the day.

For more detailed research information





Professor's Message

YOSHIOKA Rentaro

Professor

Aspiring to Develop Software that Helps to Solve Local Issues

The accuracy and efficiency with which computers operate are only possible with the sophisticated "software" humans developed. The operating system is the software that runs the computer and it is also software that makes word processing, Internet browsing, and virus protection possible. Robots in car factories are run by software to consistently turn out automobiles of identical quality. In this age, humans and computers are expected to start to communicate with each other to solve intractable problems. To maximize computers' capabilities, humans need to understand the information and calculations posited by computers, support them in thinking and decision-making processes, and clearly communicate our intentions to computers. Software developers of tomorrow are expected to identify and solve social and community issues. At the same time, we need to develop highly conscientious talents willing to solve problems using AI and IT. I hope you will use what you will learn at the University of Aizu to solve local issues.

For more detailed research information

Professor's Message

WATANOBE Yutaka

Senior Associate Professor

Learn the Foundational Skill of Programming and Aim to Become a Scientist-Engineer

In Society 5.0, software will become the mainstay in all spheres of society, with data-scientist AI at its core. At the heart of software are programs. Programming is a means to developing all kinds of systems and running calculations. Education in programming skills has become mandatory because they are essential for advancement of society and science. In my lab, we explore intelligent software engineering and develop AI-assisted programming technology and a smart system for supporting education. For example, the Aizu Online Judge (AOJ) we developed and operate has 150,000 registered users from Japan and abroad, and its services and educational data are used widely by educators and researchers around the world. Today's engineers need to be proficient in data science and software development. Come and study at the University of Aizu and aspire to become a talent essential for advancement of modern society and science.

For more detailed research information

ARC-Space

Aizu Research Center for Space Informatics

CAIST

Research Center for Advanced Information Science and Technology

Research Center for Advanced Information Science and Technology (CAIST) was established in April 2009 as an organization conducting advanced research based on computer science and engineering in collaboration with other institutions. It aims to use research results to promote local industries and create new industries. Many students are participating in research at CAIST. Currently, there are three priority research areas: the Robot Information Engineering Cluster, the IoT Cluster, and the Vision Cluster. ARC-Space designated the Center for Lunar and Planetary Exploration Archive Science by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) in April 2019. This ARC-Space developed out of CAIST to become an independent center as a joint usage/research center for collaborative researchers in information science and space one.

ARC-Space and CAIST use research results directly connected with the needs of society to promote regional industries and create new industries. These are some of the ways in which ARC-Space and CAIST use research results directly connected with the needs of society to promote regional industries and create new industries.

Professor's Message

Professor

Inheriting the Spirit of Space Exploration, Expertise, and Participating in the world's cutting-edge Projects

You may have heard about the asteroid explorers Hayabusa and Hayabusa2. The onboard communications equipment, the impactor for reaching deep under the asteroid's surface, and the parachute in the sample capsule returning to the Earth were all developed and manufactured by companies and factories in Fukushima Prefecture. Furthermore, University of Aizu students took part in research into analytical methods, development of onboard observation instruments and software, sharing of data products, and disclosure of analytical know-how. Most space technology development projects, especially global ones, take from several years to close to a decade to complete. Each successive generation of students at the university has continued to make improvements through research, and passes on their expertise, sense of purpose, and dreams to the next generation of students. Most universities rarely offer students the chance to be part of such cutting-edge projects. Dream big and without bounds! We invite you to join us in lunar, Martian, and asteroid space development projects.

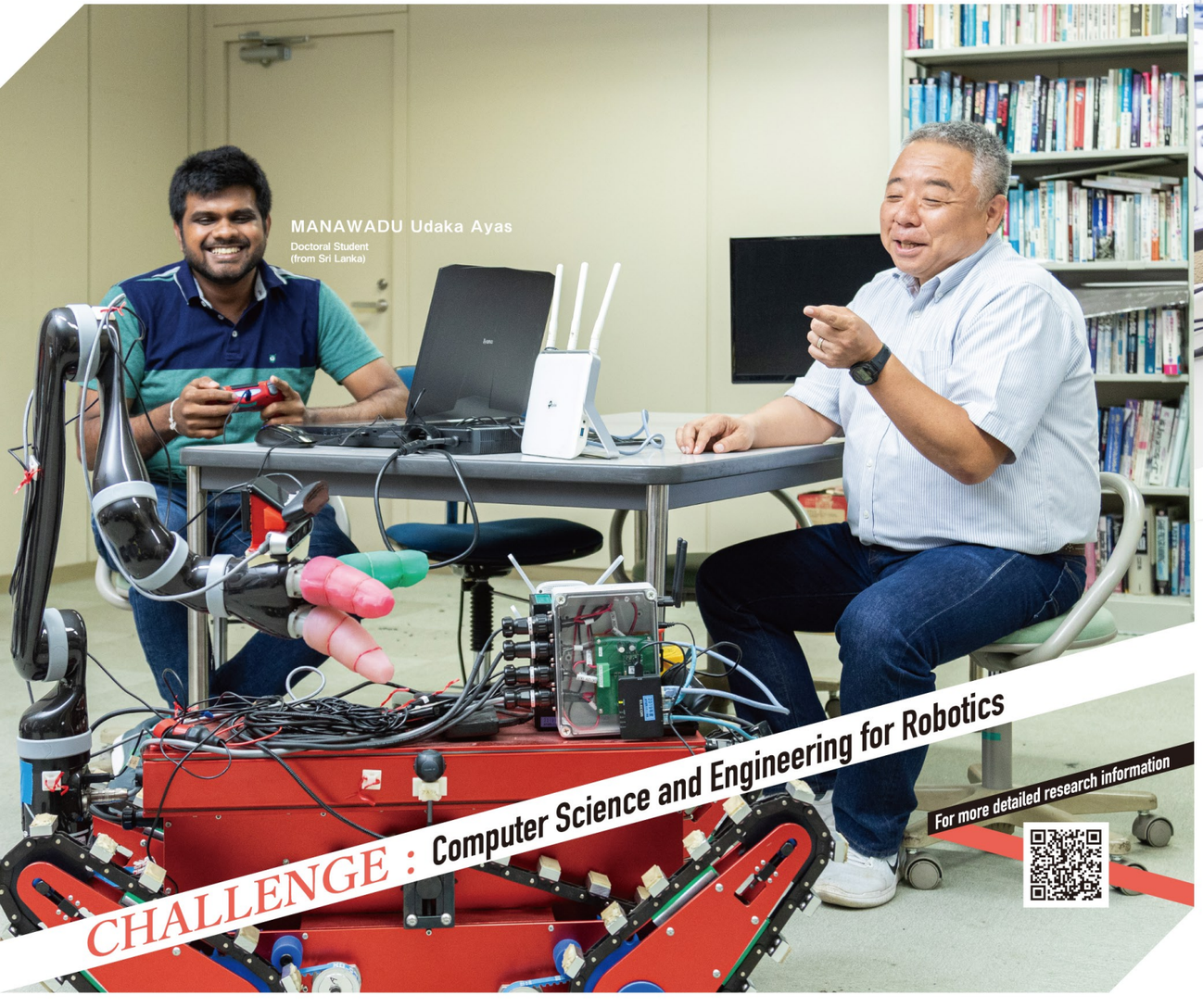
Professor's Message

NARUSE Keitaro

Professor

AI-Generated Software Expanding Possibilities of Robots

Robots need all of their movements programmed. For example, a robot opens a door by (1) finding the door knob with a camera (object recognition), (2) understanding the knob's location, orientation, and shape (shape and orientation estimation), (3) deciding on its arm movement (motion planning), and (4) executing its movement (motion control). Until now, humans did all of this programming. With the development of AI and robot simulators, however, it is now possible to run millions of simulations on the robot's movements in virtual lifelike space, resulting in safe and more natural movements by the robot. On the other hand, replicating soft and flexible movement in robots and adjusting how hard or soft the robot might apply pressure on objects have been a challenge. But even this can be overcome one day by combining AI with sensor and robot control technology. Why don't you join us at the University of Aizu to pursue the possibilities of robotics that AI is now expanding.



Professor's Message

SHIN Jungpil

Professor

Leveraging Gesture Recognition Research in Medical Field and Improving QOL

In my lab, we do research on human-computer interaction as well as pattern processing and recognition based on signal and image analysis, including for character recognition, signature verification, font generation, and human identification. Nowadays, we often use our fingers to input information from the touch screen on our smartphones and pen tablets. Instructions to computers can also be given by voice or line of sight. Extending our research on pen tablets and on gesture recognition in human-computer interaction to the medical field, we are conducting joint research with other universities on "diagnosis of Parkinson's disease based on handwritten characters," "diagnosis of severity of Parkinson's disease based on hand gestures," and "identification of developmental disorders in children based on handwritten characters." We also conduct research for improving people's quality of life (QOL), including "detection of fall by the elderly based on deep learning" and "abnormality detection from surveillance cameras."

Graduate School

Graduate School of Computer Science and Engineering

The University of Aizu Graduate School has a diverse faculty and an outstanding educational environment. It aims to provide diverse courses and nurture creativity in students in response to recommendations from Japan's business sector. To develop problem-solving skills in a global environment, classes are basically taught in English.

Master's Program — Developing practical skills

The curriculum of the Master's Program is designed to provide students with specialized knowledge and skills on the basics and application of computer science and engineering, preparing them to solve practical problems in ICT and related industries. Students learn research methods on the structure and function of information systems.

Expertise development

"Regular Courses" include Core Courses dealing with the basics in each specialization and more sophisticated Advanced Courses. Because the Master's Program curriculum is aligned with the fields in the university's undergraduate curriculum, students can make their course plans across both undergraduate and graduate, and develop their expertise systematically.

Knowledge output

"Seminar Courses" give students opportunities to scrutinize their independently led studies from multiple angles and from a wider perspective than their area of specialization. Students deliver presentations in English, contribute research papers to journals, and participate in problem-based learning so that they can learn and hone their presentation techniques and skills.

◎Graduate Department of Computer and Information Systems

Based on computer science and engineering and using computer systems to solve real-world problems, students study the structure and function of "information" processed by computer systems. The two-year Thesis Research Course, a required course that culminates in a master's thesis, is primarily designed for students to lead their own problem-based research. Thirty credits are required for completion.

Regular Courses (16 credits)
- ☐Fundamental Core Courses
- ☐Application Core Courses
- ☐Advanced Courses

Seminars (8 credits)
- ☐Research Seminar I
- ☐Research Seminar II
- ☐External Presentation/Publication Seminar
- ☐Creative Factory Seminar
- ☐Research Paper Writing I
- ☐ICT Global Venture Laboratory
- ☐Effective Academic Research Presentation Seminar

Thesis Research Course (6 credits)

Students select their own research theme, conduct independently led research under the guidance of a faculty advisor, and finally write and present their master's theses.

◎Graduate Department of Information Technologies and Project Management

(curriculum change from AY 2023)

Students are educated to solve practical problems in the ICT industry. The aim is to cultivate internationally educated, cutting-edge information technology professionals who are able to work in teams on a variety of projects and foster leadership and initiative both in collaboration with others and as individuals. Forty credits are required for completion.

Regular Courses (16 credits)
- ☐Fundamental Core Courses
- ☐Application Core Courses
- ☐Advanced Courses

Seminars (10 credits)
- ☐PM Research Seminar
- ☐Educational Seminar
- ☐Conference Presentation Seminar
- ☐Tea Seminar
- ☐Contest
- ☐Creative Factory Seminar
- ☐Research Paper Writing I
- ☐ICT Global Venture Laboratory
- ☐Effective Academic Research Presentation Seminar

Project Development Arena (14 credits)

Students collaborate in team projects and write a technical report each semester for a total of four technical reports.

Master's Student's Voice

HOMMA Shuto
Master's Student (from Niigata Prefecture)

◎ Why did you choose to study at the University of Aizu?
I didn't feel confident going into society with the capability I had then. I wanted to be sufficiently ready for job hunting by having research and internship experiences.

◎ Campus life at the University of Aizu
I normally engage in research and study what interests me. I put efforts into learning English because we have more opportunities using English at the graduate level than undergraduate level. My future goal is to be able to execute my work in English.

◎ What are you doing research on?
My research theme is "use of machine learning in existing image processing pipelines for guiding and controlling robots and its assessment." As an undergraduate, I was involved in detection and tracking of the tip of wind turbine blades in a joint research with a company. I am now using machine learning for image processing and comparing it with the results from my undergraduate days.

◎ What about after graduation?
I would like to participate in the development of applications that can be used by a wide range of users.

Creative Factory Seminar

PICK UP!

Students have the opportunity to pursue development and other creative activities. Working with researchers from companies and other universities, students gain an accurate understanding of needs in society, actively engage with society, and return the fruits of research to society.

Project Development Arena

PICK UP!

With guidance and advice from faculty members and coaches from companies, students partake in research and development projects, identifying concrete requirements of users and customers to fulfill social needs. Students develop their communication, leadership, and management skills through practical experiences gained from the projects.

Presentation at academic conferences

PICK UP!

The quality of research papers by the University of Aizu graduate students is well-recognized internationally, and many awards have been presented to our students. In an effort to develop talents who can play an active role on the international stage, the graduate school encourages students to present their research at international conferences and cultivate skills in writing and presenting their research papers. A travel subsidy program provides students with ample financial support to participate in international conferences.

Doctoral Program — Developing creativity

◎Graduate Department of Computer and Information Systems

In the Doctoral Program, students use a broad range of highly specialized knowledge and techniques to solve various problems in computer science and engineering and related fields, and study the structure and function of information systems. They acquire knowledge on trends in their research field, research ethics, and intellectual property rights. They learn to write theses in English and validate their hypotheses, and promote independently led research based on these competencies. Ten credits are required for completion.

The research assistant program is designed to develop the research skills of young researchers. It also provides financial support by providing remuneration to young researchers for their research assistance work.

Doctoral Student's Voice

ONUOHA Chibuike Martins
Doctoral Student (from Nigeria)

◎What made you come to Japan?
To build and develop my skills and knowledge through hands-on activities in recent advancements in artificial intelligence.

◎What do you research?
Perceptual quality assessment for learning. With the boom of generative AI, this involves evaluating the quality of AI-generated content. My duty is to investigate the reliability of current models for this assessment and develop new ones if they are not reliable or do not conform to human perception. I also focus on the quality assessment of Neural Radiance Fields (NeRF). Additionally, my research includes investigating whether large multimodal models (LMMs) perceive illusions in the same way humans do.

◎How is your life in Aizu?
Aizu is the most peaceful and quiet city I have ever lived in.The environment is conducive to learning, and the residents are friendly and kind to foreigners. As a smart city, Aizu offers many activities, including marathons, mountain hiking, and visits to Tsurugajo Castle.

◎What would you like to do after graduation?
After graduation, I aim to pursue a postdoctoral or associate professorship position, or a role in R&D for industry in Japan, to further develop my expertise and contribute to advancements in these areas.

High Employment Rate of UoA Graduates

Ever since the University's establishment, employment rates for our graduates have continuously averaged 97% for the undergraduate school and 100% for the graduate school.

Average job placement rate since its foundation

97%

Example Employers of International Students

MANUFACTURING		SERVICES
Alps Alpine	Eyes Japan	Accenture
DENSO TEN	ICHIKOH INDUSTRIES	EDUCATION, LEARNING SUPPORT
TERAOKA	Information System Engineering	KYUSHU UNIVERSITY
INFORMATION AND COMMUNICATIONS	KAYAC	Muroran Institute of Technology
ACCESS	Mercari	Nara Institute of Science and Technology
Artiza Networks	Rakuten Group	The University of Aizu
CyberAgent	RISO KAGAKU CORPORATION	
E-BUSINESS	Sun Asterisk	
	Suntory System Technology	

The University of Aizu is a university where you can acquire the necessary knowledge and skills to become an engineer who can play an active role in your field internationally.

Software Engineer
Mercari, Inc.

Chun Yin MOK

(2021 graduate of the ICT Global All-English Program Undergraduate Course)
From Hong Kong (People's Republic of China)

Q. Why did you decide to study at the University of Aizu?

I was particularly attracted to the vision of a university that was established to educate human resources in computer-related fields at an advanced level. The conditions for entry were also another major consideration. There was no requirement to be proficient in Japanese and I could be accepted on the basis of my score in the Hong Kong University Entrance Exam.

Q. What kind of research did you do at the university?

I was involved in the development of a planetarium app in a research lab that works with computer graphics (CG). The app was to be used by teachers in schools as a learning tool for teaching students about space and could be viewed on smartphones. We had to learn a lot of new knowledge and worked hard on the app's development through trial and error until completion.

Q. How were you hired for your current job and what kind of work you do?

I started as an intern in an internship program. The atmosphere of the workplace was open, the employees trusted each other, and I felt attracted to the positive environment where people encouraged me to take on new challenges. Even interns like me were able to express ideas without hesitation - even ideas that might have little chance of being adopted. I felt that this was a company where I could grow not only as a software engineer but also as a person. An environment where both Japanese and non-Japanese worked together was also something that I really wanted. It was similar to the environment at the University of Aizu where I enjoyed my life as a student. I always find interacting with people of diverse cultural backgrounds very stimulating.

Q. How has what you learned at university been useful in your career?

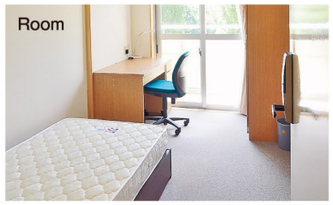
Going to Silicon Valley as part of the university's overseas internship program made a particularly strong impression on me. Speaking directly to engineers there enabled me to deepen my understanding of software engineering. I also believe that living with people of various cultural backgrounds in the tranquil environment of Aizu as a student made me reflect on my own life and become more aware of who I am.

Q. What advice do you have for your juniors?

First of all, university life is not just about studying. I believe that having an environment where you can come into contact with different cultures and ways of thinking is extremely important. At the University of Aizu, which offers such an environment, I encourage new students to discover other enjoyable activities besides studying. Although having computer knowledge and skills are said to be advantageous for your future, I would advise you not to make decisions about your future just because such knowledge and skills may be useful in getting a job. I recommend that you think about what you really want to do. Even if you are not sure about what you want to do but think you would like to take on new challenges, I recommend the University of Aizu. Life there is full of adventures!

University of Aizu Study Support Accommodation Facility Somei House

On the university campus, students from all over the country and around the world learn about being social and cooperative through communal living and communal use of facilities. University accommodation at Somei House is also available in order to support improved ambition to study and a harmonious student lifestyle.



Each unit has 10 rooms, each with a bed, closet, desk, air conditioning and intercom.
*2 people can also share a room with a bunk bed.

Each unit has an open living room (shared space). You can cook in the kitchen, study together, talk or watch TV. It is a place for the tenants to relax.

Each unit comes equipped with two washing machines and two dryers.

Each unit has two shower rooms. There are shampoo-dresser wash basins in the washrooms for female students. Male student washrooms only have wash basins.

Monthly living expenses

In Somei House	(Yen)
Rent	19,000
Utilities	10,000
Food	25,000
Other	20,000
Total	74,000

*For one person living alone at Somei House

In Apartment	(Yen)
Rent	25,000
Utilities	8,500
Food	25,000
Other	6,900
Total	65,400

*This is an example.

Aizu-Wakamatsu City Housing Information

☐Apartments, Boarding Houses, Rental Rooms

Housing information is posted on the university website for those looking for an apartment. (The university, however, does not serve as a real estate broker.)

Apartments	Approx. 30,000 yen ~ 50,000 yen (with kitchen, bath and toilet)
Boarding Houses	Approx. 50,000 yen ~ 70,000 yen (with shared kitchen, bath and toilet)
Rental Rooms	Approx. 15,000 yen ~ 25,000 yen (with shared kitchen, bath and toilet)

☐International Student Dormitory

"International Student House (Male only)"

This is a dormitory for students at the University of Aizu, managed and operated by Student Life Support (SLS), which was established for the purpose of supporting student life.(with shared toilet, shower rooms, kichen and wash basins)

Capacity	11 persons
Rent (monthly)	8,000 yen~15,000 yen
Utilities (monthly)	5,000 yen (April - September)
	8,000 yen (October - March)

Facilities Well-designed to Support Learning

Our large campus has a variety of spacious health and welfare facilities to help students lead fulfilling campus lives full of sports and cultural activities. For example, the indoor swimming pool is available for year-round use and the Study and Research Living Unit (SRLU), which is equipped with fitness machines is accessible around the clock.

5 Aizu Geek Dojo

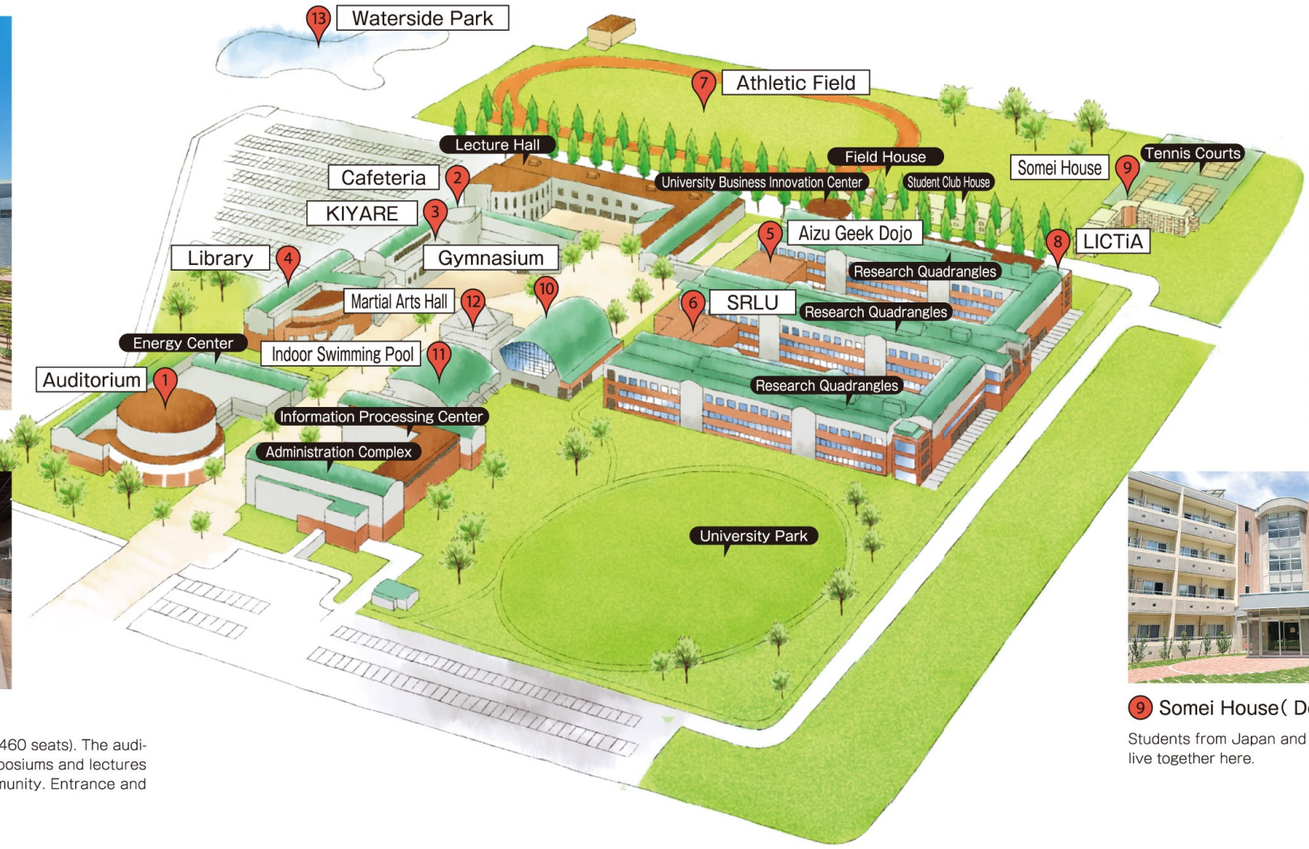
"Otaku" means geek. This is the Aizu Otaku Dojo. It is a workshop equipped with various machine tools that enable creative manufacturing.

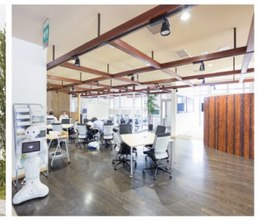
6 SRLU(Study & Research Living Unit)

Training and fitness equipment is available.

7 Athletic Field

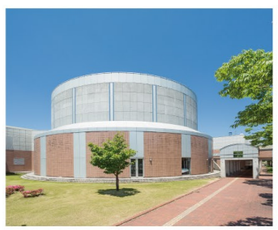
Spreading out in front of Mt. Bandai, our sports field accommodates a variety of outdoor sports, such as football.

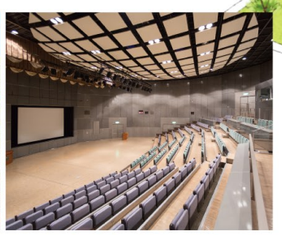




8 LICTiA

Opened on October 1, 2015 as a center of advanced ICT in Fukushima prefecture, LICTiA provides a research environment for companies as the hub for university-industry cooperation, as well as free space for students, researchers, and companies to communicate freely with each other.





1 Auditorium

This multipurpose auditorium accommodates variable seating (maximum of 460 seats). The auditorium is used for campus events and is open to the local community. Symposiums and lectures are frequently held, and contribute to cultural activities for the local community. Entrance and degree conferment ceremonies are also held here.

9 Somei House(Dormitory)

Students from Japan and all over the world live together here.

10 Gymnasium

People enthusiastically enjoy indoor sports in the comfort of our wooden gym.

2 Cafeteria

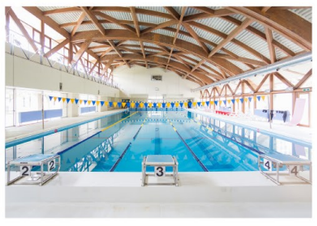
The cafeteria serves nutritionally-balanced satisfying lunches, a wide variety of freshly-made dishes, and carefully-prepared homely meals.

3 Community Space KIYARE

Community space with homey, wooden interior decorated with traditional crafts such as Aizu lacquerware and Aizu cotton. "Kiyare," in Aizu dialect, means "Please come."

4 Library

Our university library houses approximately 130,000 library materials. A large number of academic journals and foreign books related to computers are available.



11 Indoor Swimming Pool

Our heated swimming pool is available for use year-round. The building has a unique wooden ceiling.

12 Martial Arts Hall

This hall is used for martial arts such as kendo and aikido (art of weaponless self-defense). Martial arts have long flourished in Aizu.

13 Waterside Park

The park is a popular place of relaxation and refreshment for students and locals alike.