



National University Corporation **IBARAKI University**



IBARAKI University

Aiming to build
a sustainable society
in an autonomous
and resilient region



Ohta Hiroyuki
President of Ibaraki University

Born in Tokyo in 1954. In 1982, he completed the doctoral program at the Graduate School of Agriculture, Tohoku University (Doctor of Agriculture).

His specialties are soil fertilizer science and microbial ecology. In 2014, he was vice president of Ibaraki University (university strategy / IR), and from April 2016, he was a director / vice president of Ibaraki University (supervisor of education). He has been in his current position since April 2020.

Education

Pursuing education that can respond flexibly to societal changes and can offer a palpable sense of growth through learner-oriented studies and campuses with diverse members

Research

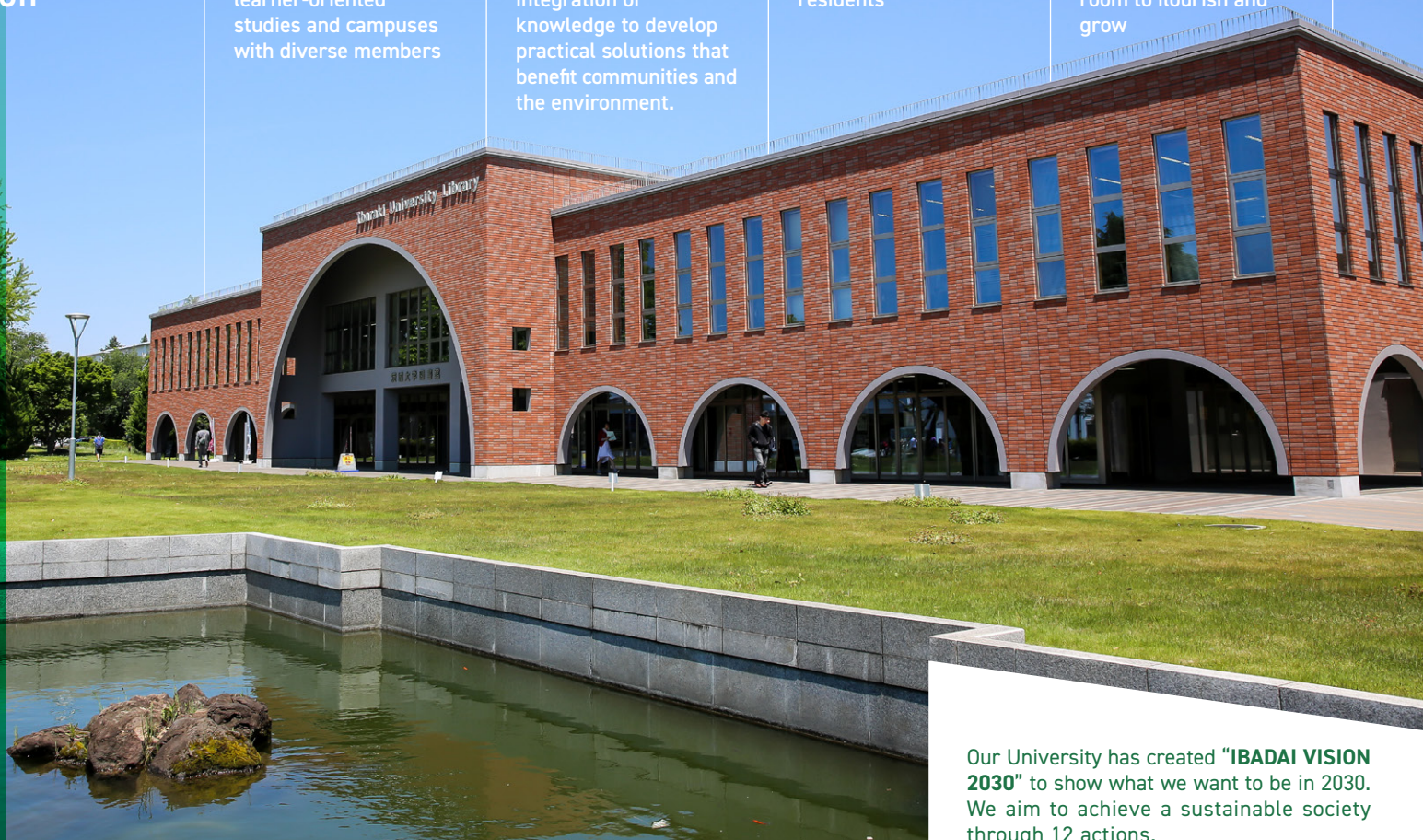
Contributing to a sustainable society by fostering a virtuous cycle of creation, application, and integration of knowledge to develop practical solutions that benefit communities and the environment.

Regional Cooperation & Globalization

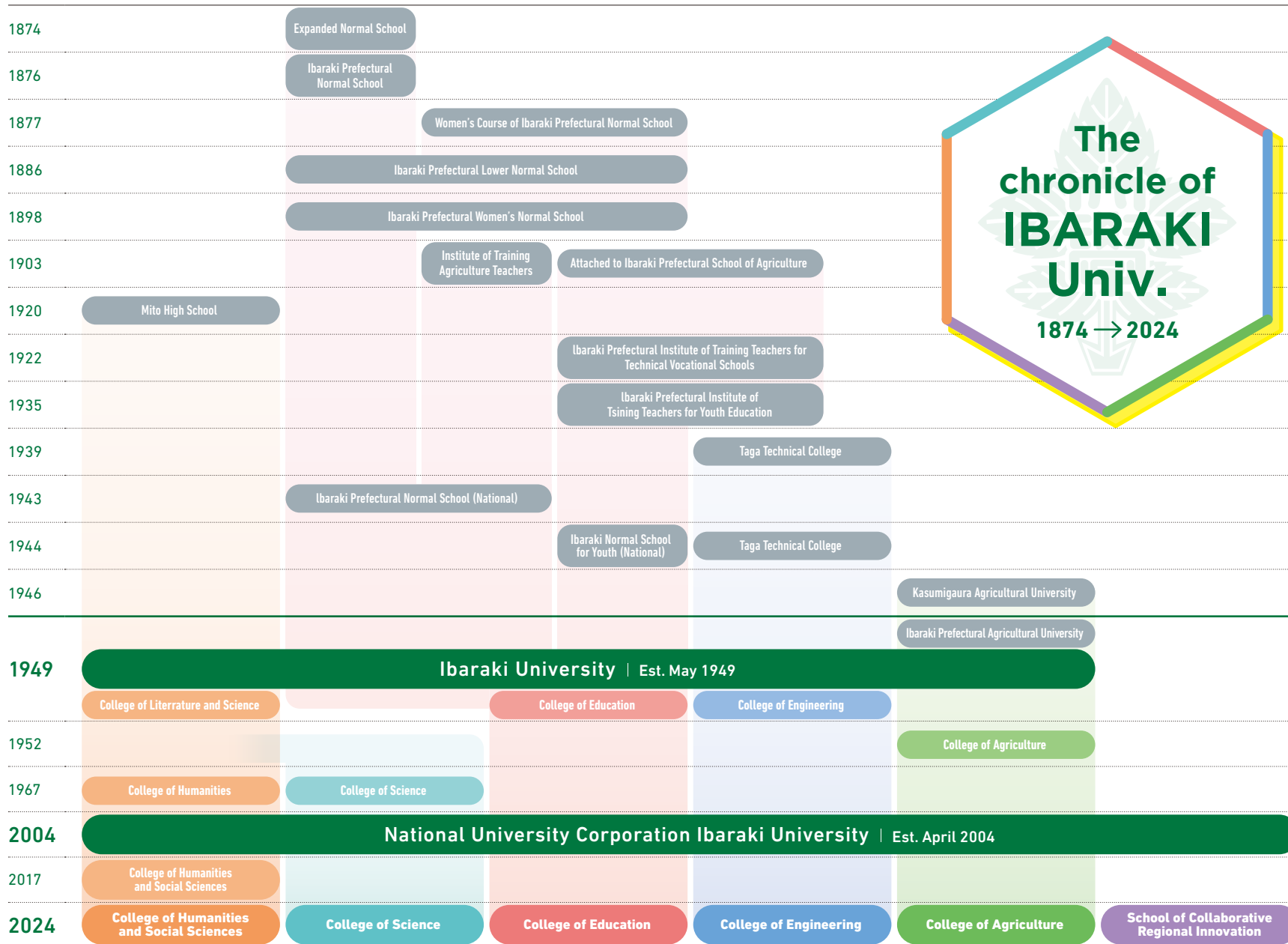
Acting as a local and global focal point and forming a dynamic regional community in cooperation with residents

University Administration

Establishing a stable yet flexible management base and operating transparently while giving faculty members room to flourish and grow



Our University has created “**IBADAI VISION 2030**” to show what we want to be in 2030. We aim to achieve a sustainable society through 12 actions.





'Student Success' is at the heart of education at Ibaraki University.

We are deeply committed to 'student success', viewing it as a reflection of each student's sense of fulfillment and achievement in terms of both academic and personal growth. This commitment is what shapes our learner-oriented education and student support services.

In April 2024, we inaugurated the Student Success Center (SSC) —a 'one-stop' space where students receive personalized, 'one-on-one' guidance to address their unique questions and queries. Located in Mito Campus, this center connects with the Hitachi and the Ami campuses in real time, creating a seamless support network for every student.

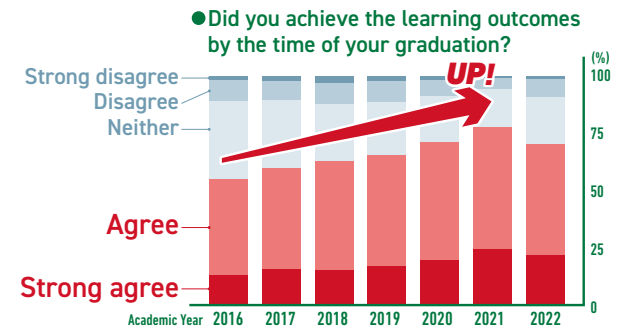
Ibaraki University provides on-and off-campus learning opportunities for students, giving them the chance to deeply reflect on their career goals, gain valuable feedback, and make steady progress toward their dreams.

Our university-wide program "Plus-I" offers six dynamic educational programs: "Sustainability Science", "Mathematics/Data Science/AI", and "Entrepreneurship" etc. This program enables students to gain diversified

knowledge and earn valuable credentials in addition to their specialized coursework for career development. We also provide long-term overseas training (Photo 1) and the internship Off-Campus Program (iOP), both designed to foster independent learning, enhance communication skills, and strengthen problem-solving abilities.

We collect and use data from surveys and students' academic records to assess the extent of their learning from our curricula and the applicability of knowledge after graduation. This data fuels ongoing discussions about student outcomes and helps us continuously improve our educational programs. Our review and improvement process assesses learning achievements at four levels: individual instructors, subjects/courses, colleges, and the entire university, and has garnered widespread recognition for its effectiveness.

At Ibaraki University, we strive to understand the key factors behind 'student success'. Together with our students, we envision, conduct research, and work toward building a successful and sustainable future. 'Student success' is at the heart of Ibaraki University education!



Original "education quality assurance" system

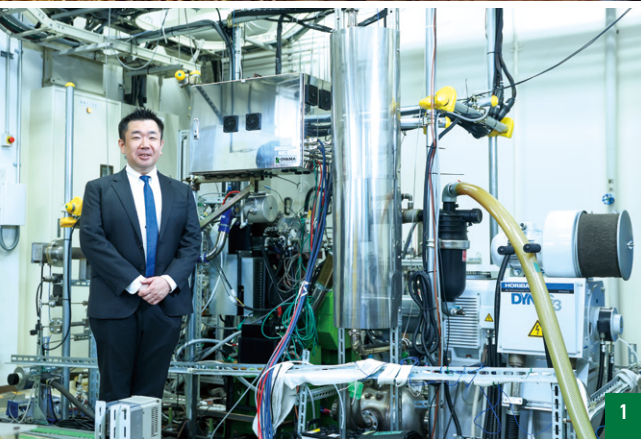
This system reviews students' achievement levels, and is central to our learner-oriented education management. The key features of this system were compiled in a book published in the spring of 2023.

2 'Freshman-Success' ceremony

Each year, following the university entrance ceremony, we hold a special event to celebrate the five foundational academic abilities that are central to Ibaraki University's degree requirements. It is a cherished tradition for current students to deliver inspiring messages to the incoming first-year class.

3 Student participation in University administration

We encourage student participation in our administration by introducing courses on the university's history and status. We also organize student-led activities around topics like international affairs, student support, community coordination, and public relations.



Integrated Climate Change Science to Advance Sustainability

Since its foundation, Ibaraki University has been a pioneer in education and research in environmental science. As an outcome of this, we established the Institute for Global Change Adaptation Science (ICAS) in 2006, with a mission to improve our adaptability to climate change scenarios. In addition to advancing research that promotes trans-disciplinary solutions for sustainable societies, the institute offers unique educational activities that enrich the students' understanding and involvement in this field.

Driven by our field studies and research initiatives in South and Southeast Asia highlighting the impacts of climate change, our institute coordinates a graduate school in climate change and development at Vietnam Japan University (VJU) in Vietnam. Meanwhile, in Japan, we lead efforts in this field via the launch of the first on-campus Local Climate Change Adaptation Center.

In 2020, ICAS merged with the Center for Water Environment Studies to form the Global and Local Environment Co-creation Institute (GLEC). In April 2023, we founded the Carbon Recycling Energy Research Center

(CRERC) for streamlining research on carbon recycling, carbon dioxide capture, new fuel compounds and their efficient utilization, to explore strategies for alleviating the impacts of climate change.

The Faculty of Agriculture is advancing research on reducing greenhouse gases using soil microbial activity and bio-charcoal, as well as generating valuable compounds from carbon dioxide. In April 2024, the Research and Education Center for Atomic Sciences (RE-CAS) launched a dedicated system to advance pioneering research and innovative technology for using sustainable energy, by fostering collaboration and open communication with the local communities.

Ibaraki University envisions to lead integrated climate change science by pursuing climate-resilient development (CRD) and setting up research bases to study climate change adaptation and mitigation policies. We are committed to sharing this vision with international partners to our goal of building a global center for sustainability research.

1 A new model for a decarbonized society in Hitachi

The CRERC plans to establish a complete cycle of carbon capture, fuel synthesis, and safe utilization on campus by 2028, aiming to make Hitachi a leading region for decarbonization.

2 Coordination with universities in different regions of Asia

Research suggests stark impacts of climate change in Southeast Asia and South Asia, based on which we intend to strengthen an Asia-centric worldwide research and education coordination system, and form an international base for integrated climate change science.

3 Environment-friendly campus

Students from Ibaraki University have popularized our city's bikeshare program (Mito-chari), now extensively used at the bike station of the Mito campus. We strive to create a campus where everyday activities contribute to mitigating climate change.



It is our responsibility to nurture individuals, local towns, and the community

At Ibaraki University, we proactively engage and communicate with companies, local governments, and residents through meetings, events, public initiatives, and outreach activities to understand the needs of the community, train the talent the region needs, and drive innovations.

In our university, every academic department has an advisory board made up of external stakeholders who review and help shape the academic curriculum. One exciting new initiative, launched in April 2024, is the School of Collaborative Regional Innovation, a program where students learning business and data science are encouraged to participate in long-term paid internships at companies and government agencies in the Ibaraki Prefecture. This is the first program in Japan to have “co-op education” as a mandatory course requirement. The Co-op education is designed in close collaboration between the school and the participating organizations, forming a truly co-creative educational model. The program’s success has led to discussions about expanding this approach to in the Graduate School of Humanities and Social Sciences.

A key role of a national university is to foster innovation via collaboration among industry, academia, and government. Ibaraki University, in partnership with the Ibaraki Prefecture and other local universities, is building a platform to implement university-led research. This has led to the growth of startups, with a satellite office in Tokyo facilitating faster communication with investors. As of August 2024, six startups are operating out of Ibaraki University, with an aim of expanding this number to eight by 2027.

In cooperation with the Ibaraki Prefecture board of Education, the Ibaraki University College of Education aims to introduce a quota for applicants aspiring to become local teachers, starting with the selections for AY 2026 admissions. Through this initiative, we seek to improve our understanding of the unique needs and circumstances of our community allowing us to improve our curricula and admission procedures. Additionally, we aim to build infrastructure that can attract and retain talent, develop industries, and create employment. We recognize these efforts to be our key responsibilities as a national university.

1 Co-op education

The university offers education that includes long-term, paid training opportunities at companies and organizations to all third-year students from the School of Collaborative Regional Innovation. The university coordinates with approximately 50 companies and government agencies in the Ibaraki Prefecture, which serve as practical training sites for students.

2 Startup creation

We are dedicated to creating startups using university research and education resources. DEVELOPTONIA, a company that was awarded the title of ‘Venture by Ibaraki University’ in 2024, uses artificial intelligence (AI) to provide business information, and support companies looking to expand to international markets. Many students are seen participating in internships with such companies.

3 Dynamic outreach activities

Outreach activities organized by national universities are an excellent method for bonding and collaborating with the local community. For example, at Kamine Zoo in Hitachi, we combine the practical knowledge of zookeepers and the information provided by the university experts, to develop initiatives that promote sustainable zoo management.

Colleges

Admission
quota

College of Humanities and Social Sciences

360

Department

Contemporary Social Studies / Law, Economics and Management / Humanities

College of Education

275

Teacher Training Course / Course for School Nurse Teacher

College of Science

205

Department of Sciences

College of Engineering

505

Department

Mechanical Systems Engineering / Electrical and Electronic Systems Engineering / Materials Science and Engineering / Computer and Information Sciences / Urban and Civil Engineering

College of Agriculture

160

Department

Food and Life Science / Regional and Comprehensive Agriculture

School of Collaborative Regional Innovation

40

Diploma course

Advanced Course for Special Support Education

Education for Children with Intellectual Disabilities

Graduate school

Graduate School of Humanities and Social Sciences

Master's Program

Field of Humanities / Field of Social Sciences

Graduate School of Education

Professional Degree Program

Division of Professional Practice in Education

Graduate School of Science and Engineering

Master's Program

[Major]

Quantum Beam Science / Science / Mechanical Systems Engineering / Electrical and Electronic Systems Engineering / Computer and Information Sciences / Department of Urban and Civil Engineering

Doctoral Program

[Major]

Quantum Beam Science / Complex Systems Science / Society's Infrastructure Systems Science

Graduate School of Agriculture

Master's Program

Master of Agriculture

United Graduate School of Agricultural Sciences

*A doctoral program consisting of Ibaraki University, Utsunomiya University, and Tokyo University of Agriculture and Technology

Doctoral Program

Research and Education Center

University Library

Institute for Innovation in Education

Research and Innovation Center

Institution for Information Management and Strategy

Education and Research Facilities

University Health Center

Admission Center

Center for Teacher Education

Student Success Center

Center for Global Engagement

Open Facility Center for Research

Gene Research Center

Global and Local Environment Co-Creation Institute (GLEC)

Research and Education Center for Atomic Sciences (RECAS)

Carbon Recycling Energy Research Center (CRERC)

Izura Institute of Arts and Culture

Social Collaboration Center

Affiliated facilities

Affiliated Schools

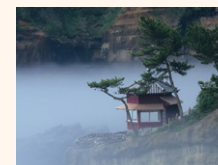
Affiliated kindergarten / Affiliated elementary school / Affiliated Junior High School / Affiliated school for Special Support Education

Center for Astronomy

Center for International Field Agriculture Research and Education



Location in IBARAKI PREFECTURE



Izura Institute of Arts and Culture



Center for Astronomy



Hitachi Campus

4-12-1, Nakanarusawa, Hitachi,
316-8511



Tokai Satellite Campus ·
Research and Education Center
for Atomic Sciences



Ami Campus

3-21-1, Chuuo, Ami, Inashiki, 300-0393



Global and Local Environ-
ment Co-Creation Institute
Water Environmental
Field Station

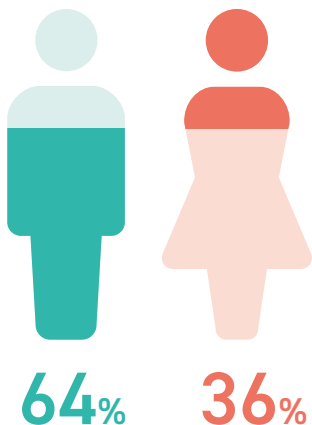


Mito Campus

2-1-1, Bunkyo, Mito, 310-8512

Number of Students

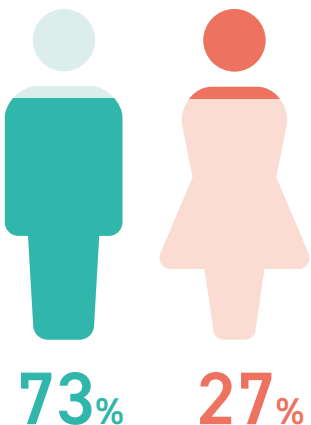
8,145 Total number of students in undergraduate, graduate and special courses



NOTICE While female students outnumber male students in for colleges within the University, the proportion of women is only 13% in the College of Engineering. At Ibaraki University, we have introduced a quota for female students at the College of Engineering. Additionally, we are also driving efforts to raise awareness and interest in careers in science and technology among female students in junior and senior high schools.

Number of faculty and staff

teacher 577 | staff 271



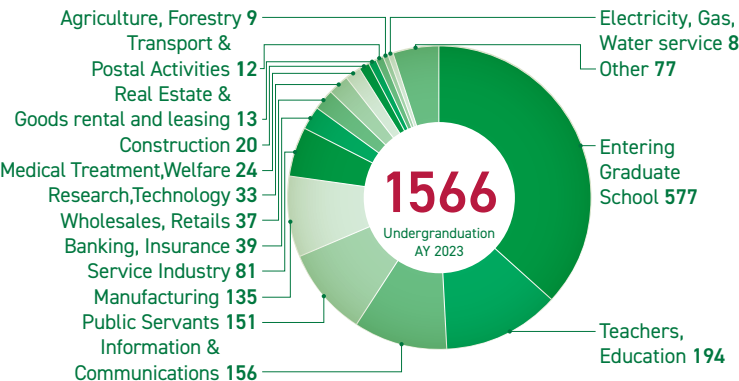
●Ratio of students per teacher



The number of teachers includes part-time members (considering the number of class hours).



Major Fields of Employment of Graduates



Research Results

●Grants-in-Aid for Scientific Research
379
¥471,543,000 AY2023

●Co-authored papers with overseas partners
178 AY2023

●Research with local stakeholders
100 AY2023

The number of joint research and commissioned research projects with companies and local governing agencies within Ibaraki prefecture

NOTICE We strive to create collaborations between industry, academia, government, companies, and the local governing agencies in the Ibaraki Prefecture. We are proud to be among the top institutions in the Kanto region (east Japan's metropolitan area), excluding Tokyo, in terms of the number of joint and commissioned research projects with such organizations.

International Exchange

Europe 9 Universities and Institutions

- Bulgaria 1
- France 1
- Germany 2
- Slovakia 1
- Spain 1
- UK 3

Exchange Agreement

24 Country-Region
82 Universities and Institutions

As of september 1, 2024

Asia 57 Universities and Institutions

- Bangladesh 1
- Brunei
- Darussalam 1
- China 12
- India 1
- Indonesia 11
- Korea 4
- Malaysia 2
- SriLanka 1
- Thailand 9
- Philippines 2
- Taiwan 3
- Viet Nam 8

Oceania 4 Universities and Institutions

- Australia 3
- New Zealand 1

North America 10 Universities and Institutions

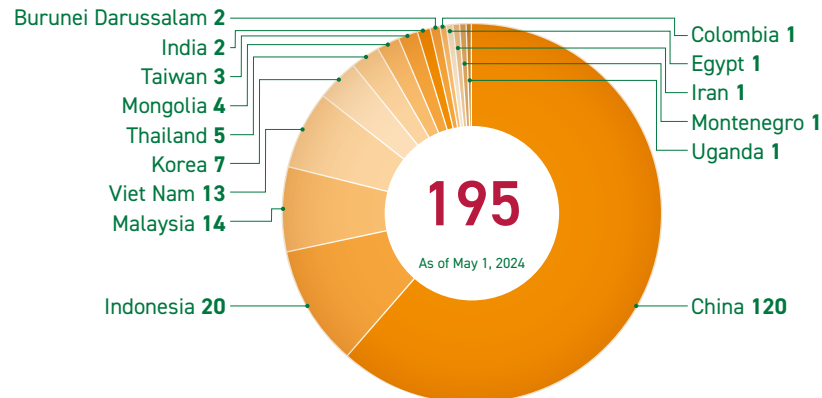
- Canada 2
- USA 8

South America 2 Universities and Institutions

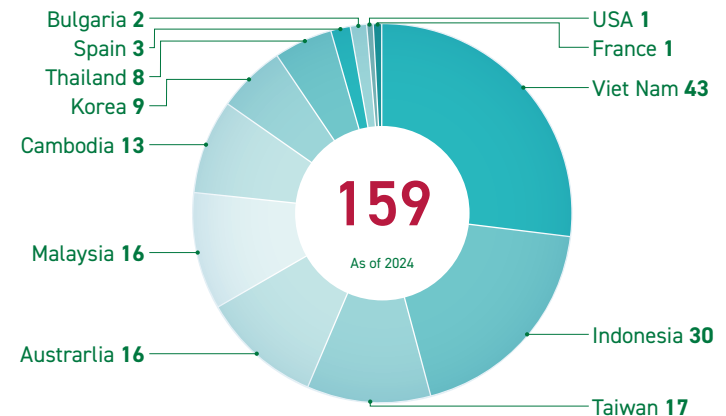
- Costa Rica 1
- Peru 1

International Students

● Inbound 15 Country-Region



● Outbound 12 Country-Region



One year at Ibaraki University

First Semester

- 1Q**
 - 4 Apr.**
 - Entrance Ceremony
 - New Student Welcome Festival
 - Course Guidance
 - Regular health check-up
 - 5 May**
 - University Foundation Day
- 2Q**
 - 6 Jun.**
 - 7 Jul.**
 - Open Campus
 - 8 Aug.**
 - Summer Vacation



Open Campus

We open the campus to the public and allows young people and local residents to experience student life through laboratory visits, mock classes, etc.



Saturday Academy

Ibaraki University's Saturday Academy is a free event with lectures and workshops where students and local residents learn together.

Second Semester

- 9 Sep.**
 - Summer Vacation
- 10 Oct.**
 - Ami Campus School Festival "Shukousai"
 - International Exchange Party
- 3Q**
 - 11 Nov.**
 - School recommendation-based Selection
 - Comprehensive Selection General Selection
 - Hitachi Campus Festival "Kougakusai"
 - Mito Campus School Festival "Shiensai"
- 12 Dec.**
 - Winter Vacation
- 4Q**
 - 1 Jan.**
 - Common entrance examination for Japanese universities
 - 2 Feb.**
 - General Selection (Early Schedule)
 - Graduation Research Presentation
 - Spring Vacation
 - 3 Mar.**
 - General Selection (Later Schedule)
 - Graduation Ceremony



Campus School Festival

Every year, many students and local residents enjoy the school festivals held at each campus: Mito's "Shiensai," Hitachi's "Kougakusai," and Ami's "Shukousai."

*Exam dates and other information may be changed or canceled depending on the year.

