



茨城大学  
Ibaraki University

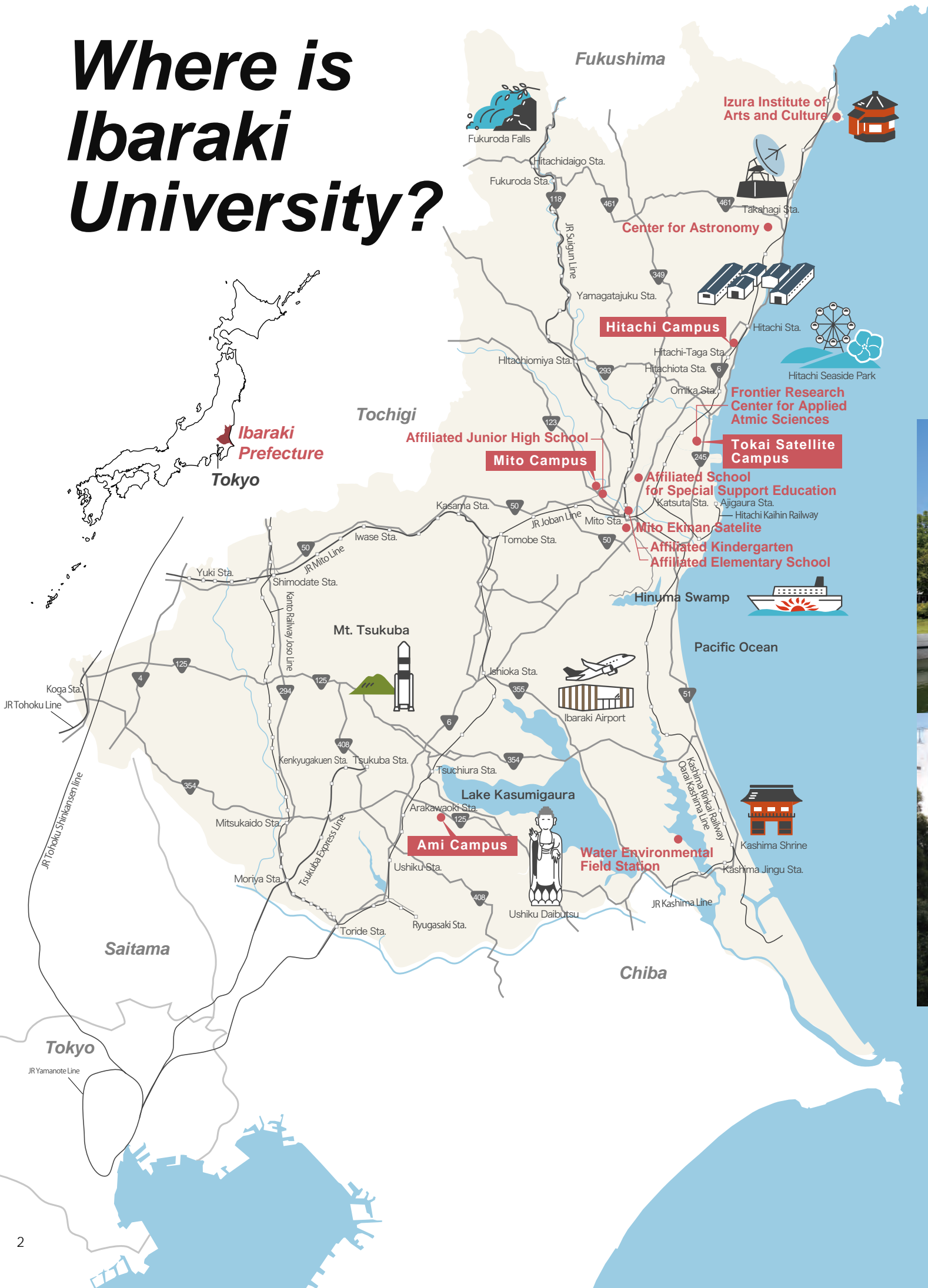
# IBARAKI

## University, JAPAN

2022-2023



# Where is Ibaraki University?



Ibaraki University is located in Ibaraki Prefecture, facing the Pacific Ocean to the east and bordering the Tokyo metropolitan area to the south. We have campus locations in the Northern, Central, and Southern regions of the prefecture and we provide unique education and research opportunities by utilizing our own regional characteristics.

- Administration Bureau
- College of Humanities and Social Sciences
- College of Education
- College of Science
- University Library
- Institute for Liberal Arts Education
- Research and Innovation Center
- Institution for Information Management and Strategy
- Admission Center
- University Health Center
- Center for Teacher Education
- Center for Instrumental Analysis
- Global and Local Environment Co-creation Institute (GLEC)
- Social Collaboration Center
- International House (977, Hori, Mito, 310-0903)

- College of Agriculture
- Ami Branch of University Library
- Gene Research Center
- Center for International Field Agriculture Research & Education (4668-1, Ami, Ami, Inashiki, 300-0331)
- Food Innovation Center

## Mito Campus

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



## Ami Campus

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



## Hitachi Campus

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



- College of Engineering
- Hitachi Branch of University Library
- Research and Innovation Center

## Tokai Satellite Campus

162-1, Shirakata, Tokai, Naka, 319-1106



- Frontier Research Center for Applied Atomic Sciences

## Other

- Affiliated Kindergarten ..... 2-6-8, Sannomaru, Mito, 310-0011
- Affiliated Elementary School ..... 2-6-8, Sannomaru, Mito, 310-0011
- Affiliated Junior High School ..... 1-3-32, Bunkyo, Mito, 310-0056
- Affiliated School for Special Education ..... 1955, Tsuda, Hitachinaka, 312-0032
- Water Environmental Field Station ..... 1375, Oou, Itako, 311-2402
- Center for Astronomy ..... 627-1, Ishitaki-Kamidai, Takahagi, 318-0022
- Izura Institute of Arts and Culture ..... 727-2, Izura, Ootsu, Kitaibaraki, 319-1703
- Mito Ekinan Satellite ..... 2-2-35-2F, Sakuragawa, Mito, 310-0801

# Education

## Colleges

### Diploma Policy



Large perspective of the world



Knowledge and skills in a speciality field



Problem-solving ability and communication skills



Attitude as a conscious member of society



Focus on regional revitalization

**Humanities and Social Sciences**  
Mito Campus

[Contemporary Social Studies] [Law, Economics and Management] [Humanities]

■ Degree : Bachelor of Contemporary Social Studies  
Bachelor of Social Science  
Bachelor of Arts in Humanities

**Education**  
Mito Campus

[Teacher Training Course] [Course for School Nurse Teacher]

■ Degree : Bachelor of Education

**Science**  
Mito Campus

[Sciences]

■ Degree : Bachelor of Science

**Engineering**  
Hitachi Campus

[Mechanical Systems Engineering] [Electrical and Electronic Systems Engineering] [Materials Science & Engineering] [Computer and Information Sciences] [Urban and Civil Engineering] [Mechanical Systems Engineering (Flex course)]

■ Degree : Bachelor of Engineering

**Agriculture**  
Ami Campus

[Food and Life Science] [Regional and Comprehensive Agriculture]

■ Degree : Bachelor of Agriculture

## Campus Facilities for International Students



International Lounge



International House



Student Dormitory

Our educational goal is to nurture in students the ability to respond proactively to changes in the 21st century and to forge their own paths to the future. We obtain our goals with 5 colleges and 4 graduate schools. We developed a diploma policy consisting of five foundational academic skills and we are engaging in its educational activities through unique programs that encourage proactive learning.

## Graduate Schools / Diploma Course for Graduate Students

### Humanities and Social Sciences Mito Campus

[Humanity Sciences]  
[Social Sciences]

■ Degree : Master of Arts

### Education Mito Campus

[Professional Practice in Education]

■ Degree : Master of Education  
(Professional Degree Program)

### Science and Engineering

Mito Campus, Hitachi Campus and Other Areas

Master's Program:

[Quantum Beam Science]  
[Science]  
[Mechanical Engineering]  
[Electrical and Electronic Engineering]  
[Urban and Civil Engineering]  
[Computer and Information Sciences]

■ Degree :  
Master of Science, Master of Engineering

Doctoral Program:

[Quantum Beam Science]  
[Complex Systems Science]  
[Society's Infrastructure Systems Science]

■ Degree :  
Doctor of Science, Doctor of Engineering,  
Doctor of Philosophy

### United Graduated School of Agricultural Science

[Biological Production Science]  
[Applied Life Science]  
[Symbiotic Science of Environment and Natural Resources]  
[Agricultural and Environmental Engineering]  
[Science of Agricultural Economy and Symbiotics Society]

■ Degree : Doctor of Agriculture

### Advanced Course for Special Support Education Mito Campus

[Education for Children with Intellectual Disabilities]

### Agriculture Ami Campus

[Agriculture]

■ Degree : Master of Agriculture

### *iOP : Ibaraki University's educational collaboration with regional and global partners*

Ibaraki University offers a unique education system composed of an integrated off-campus study program named "internship Off-campus Program (iOP)" in addition to its standard quarter-based curriculum. The iOP program, offered during the 3rd quarter of the junior year, enables students to select from a variety of off-campus activities such as studying abroad, experiencing internships at corporations or municipalities, engaging in volunteer activities or conducting independent research or fieldwork for the entire quarter. Students can select, plan and undertake their iOP at any of Ibaraki University's partner institutions. This includes 74 partner universities worldwide, reputable local companies and municipal governments and regional organizations. The aim of the iOP is to provide a platform for students to hone their communication and problem-solving skills; a core competency that is required in today's rapidly changing world.



# Research



## Estimating the impact of climate change and research for creating a sustainable society

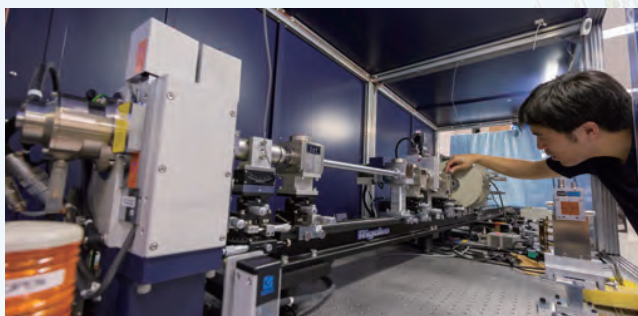
Global and Local Environment Co-creation Institute (GLEC) is promoting investigation and research on the effects of climate change and adaptation measures in the Asia-Pacific region. We serve as the partner university in the master's program 'Climate Change and Development Program' at Vietnam - Japan University (VJU) opened in 2018 and contribute for a sustainable society with the resources of our research and education.



## Vietnam-Japan University Climate Change and Development Program

Vietnam-Japan University (Graduate School of Sustainability Science) is a new initiative being established with the participation and cooperation of multiple universities in both countries under an agreement between the Japanese and Vietnamese governments. Ibaraki University has been the host university for the Climate Change and Development Program since 2018.

The curriculum for this program includes overseas internship at Ibaraki University.

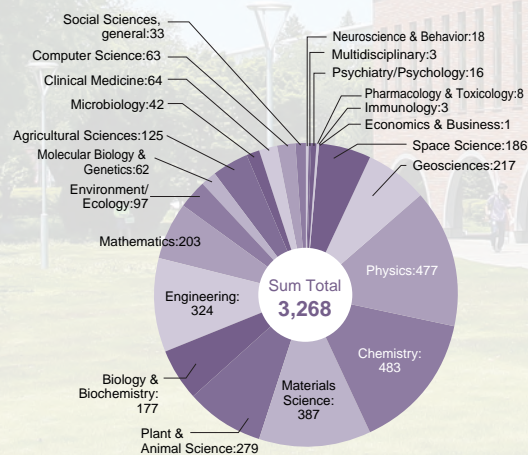
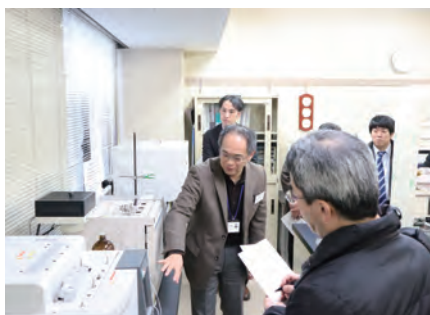


## Advanced research in quantum beam science

Ibaraki University has a satellite campus adjacent to the world's leading high intensity proton accelerator facility (J-PARC). Our strength is the research of quantum beam science (ex.X-rays, neutrons, muon) and the development of researcher and engineer. We hold an international symposium of quantum beam science every year and are recognized as the leader for research in quantum beam science.

## iRIC (Research and Innovation Center, Ibaraki University)

iRIC was established in 2018 as the organization responsible for the research system at Ibaraki University. It consists of three divisions: industry-academia-government division; academic research division; and research compliance division. iRIC retains research support staff who work to coordinate research support and joint research studies.



Research areas of publications in Ibaraki University, 2012-2021 (InCites)

Ibaraki University undertakes research with a whole university approach to promote interaction between colleges and various sectors, and to encourage an unique cross-disciplinary research. In Ibaraki Prefecture, there are unique research facilities such as Tokai Village with a group of nuclear related facilities and Tsukuba Science City, and research efforts in cooperation with these facilities are our global strengths.

## Topics



### *Research on regional issues and local history*

We will conduct systematic research on regional issues such as the revitalization of the mountainous and depopulated areas. In addition, we promote regional history research through activities, such as rescue of damaged materials.



### *Educational research crossed subjects / territories*

We value cross-disciplinary research that contributes to solve complex issues of modern education.



### *Front-line space science research*

We are involved in research using radio telescopes, and international plans for next-generation gamma-ray observatories. With National observatory and other universities, we contribute an important part in the global research network.



### *Development of regional industry innovation*

In order to contribute to regional industry innovation, we manage cooperation with local research institutions and companies, and conduct research in engineering fields such as metal material analysis and process development.



### *Food innovation*

**SAFE AND SECURE FOOD TO ALL OVER THE WORLD**  
Based on the Center for International Field Agriculture Research and Education that acquired GAP and the Food Innovation Center, we will establish a comprehensive field of food life sciences.



### *Regional branding based on heritages regarding Okakura Kakuzo(Tenshin)*

We hold and maintain the Okakura Kakuzo(Tenshin) heritages, including Rokkakudo. We will contribute to regional revitalization based on the assets and will pursue research in art and culture.

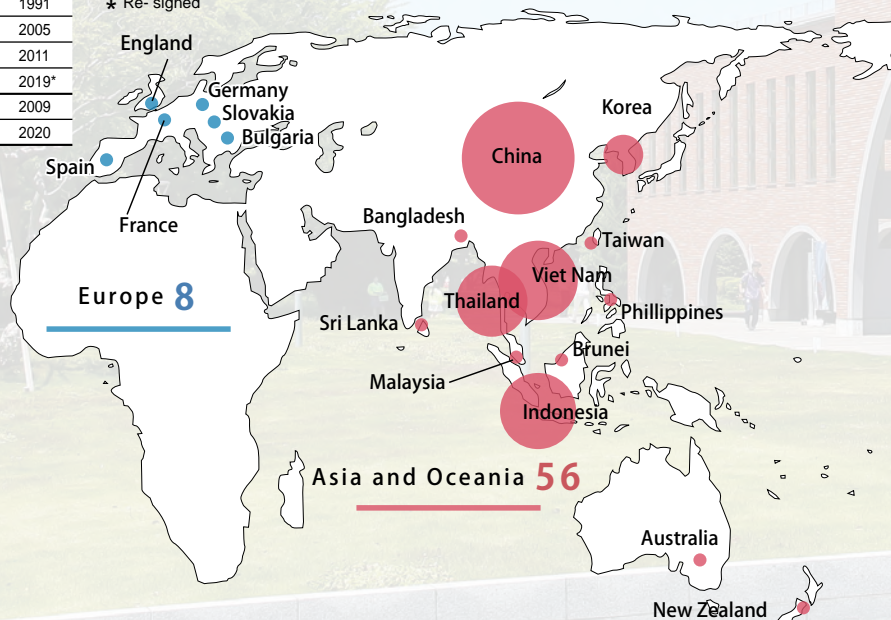
# International Exchange Program

As of July 1, 2022

Countries / Area	University	Date of Agreement
<b>North America and South America</b>		
USA	● Eastern Washington University	1999
	■ Tennessee Technological University	2013
	■ The Pennsylvania State University	2021*
	● University of Alabama at Birmingham	2011*
	■ University of Wisconsin, Superior	2006*
	■ Montana State University	2017*
	● Idaho State University	2017
Canada	○ School of Continuing Studies at McGill University	2011
	○ TRIUMF	2017
Costa Rica	● Instituto Tecnológico de Costa Rica	2022
Peru	○ Universidad Nacional Agraria La Molina	2001
<b>Europe</b>		
Spain	● Alcala University	2021*
France	○ IGR-IAE Rennes Graduate School of Management, Université de Rennes1	2017
United Kingdom	● University of Worcester	2016
	○ Gloucestershire College	2015
	○ Newcastle University	2018
Republic of Bulgaria	● Sofia University	2015
Germany	○ Forschungszentrum Julich GmbH	2018
Slovakia	○ Comenius University	2019
<b>Oceania</b>		
Australia	● University of Technology, Sydney	2021*
	○ Australian Nuclear Science and Technology Organisation	2019
	● Curtin University	2019
New Zealand	○ College of Science, University of Canterbury	2017
<b>East Asia</b>		
China	● Fudan University	1988
	● University of International Relations	2010
	● Zhejiang University	2002*
	● Inner Mongolia University for the Nationalities	2016
	● East China Normal University	2017
	○ College of Nuclear Science and Technology, Beijing Normal University	2008
	○ Hebei University of Technology	2006
	○ Institute of Theoretical Physics Academia Sinica	1998
	○ Nanjing Agricultural University	2001
	○ Northwest A&F University	2010
	○ Wuhan University of Science & Technology	2006
Korea	● Chungbuk National University	1991
	● Inje University	2005
	● Kookmin University	2011
	○ the Radiation Science, Korea Atomis Energy Research Institute	2019*
Taiwan	● Providence University	2009
	○ National Taiwan Normal University	2020

Countries / Area	University	Date of Agreement
<b>South Asia</b>		
Bangladesh	○ Bangladesh Agricultural University	2006
Sri Lanka	○ Faculty of Agriculture, University of Ruhuna	2009
India	○ CSIR-Indian Institute of Chemical Technology	2019*
<b>Southeast Asia</b>		
Indonesia	● Bogor Agricultural University	2009*
	● Gadjah Mada University	2010*
	● Sriwijaya University	2021*
	● Udayana University	2009*
	● Universitas Pendidikan Indonesia	2011
	● Universitas Jenderal Soedirman	2016
	● Andalas University	2017
	○ Institute for Research and Community Service Institut Teknologi Bandung	2014
	● Directorate General of Resources for Science, Technology, and Higher Education	2018
	○ Research Center for Biology, Indonesian Institute of Sciences	2019*
Viet Nam	● Vietnam National University, Hanoi	2010
	● Vietnam-Japan University	2018
	○ Hue University, College of Foreign Language	2013
	○ Institute for Northeast Asian Studies Vietnam Academy of Social Sciences	2020*
	○ VNU University of Science, Vietnam National University, Hanoi	2014
	○ Hanoi University	2019
	● Haiphong University	2021
Kingdom of Thailand	● Dhurakij Pundit University	2015*
	● Kasetsart University	2014*
	● Phuket Rajabhat University	2013
	● Chiang Mai University	2016
	● King Mongkut's University of Technology Thonburi	2018*
	○ Faculty of Agriculture, Khon Kaen University	2011
	○ Faculty of Science, Ubon Ratchathani University	2017
Philippines	○ Faculty of Agriculture, Naresuan University	2018
	○ School of Agro-Industry and School of Science, Mae Fah Luang University	2020
	○ Central Bicol State University of Agriculture	2021
Malaysia	● De La Salle University	1997
	● Universiti Sains Malaysia	2021*
Brunei Darussalam	● Universiti Kebangsaan Malaysia	2019
	● Universiti Brunei Darussalam	2016

- Agreement with Universities
- Agreement with Colleges Institutes
- Student Exchange Agreement
- \* Re- signed



## Academic Exchange Agreements with Foreign Universities and Colleges

Ibaraki University, as a bridge for international exchange, has partnership agreements with 74 universities and institutes in 24 countries and regions, through which we conduct academic and student exchanges.



By communicating its educational and research outcomes widely to the international community and engaging in international exchange and joint research for students and faculty, Ibaraki University strives to promote education and academic research that is of an international standard, and to share the outcomes of that education and research with the world. We're promoting international exchange and joint research with our partner universities and institutes in 24 countries and regions.



### Asian International Mobility for Students (AIMS) Program

AIMS program is an international joint education program based in Asia that came out of a joint student exchange support project by the Malaysian, Indonesian and Thai governments. Ibaraki University has participated in AIMS since 2013 aiming to improve students' language and communications skills and to develop people who will be able to engage with society with a global outlook.

### Japanese Language and Culture Program

This program provides students with an opportunity to learn and to improve their Japanese language skills and to deepen their understanding of Japanese culture and society. Students take Japanese language classes, and Japan-related classes taught in English. Intermediate-advanced students can also take college classes taught in Japanese. A wide range of cultural and educational activities are also provided during the semester.

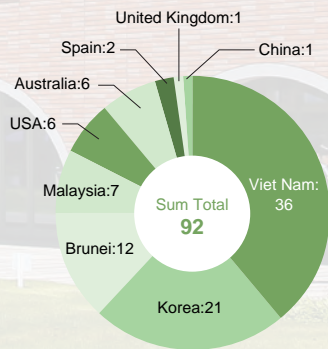


### Cross-border exchanges and learning under the pandemic of COVID-19

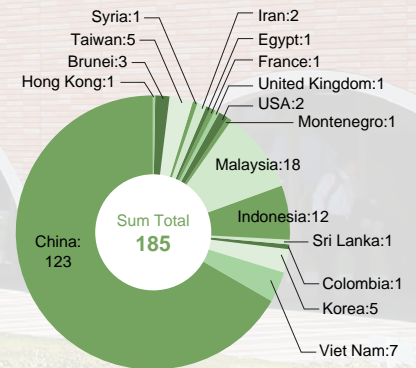
The number of countries and regions where international students came from and students who were trying to study abroad had been steadily increasing; however the pandemic of COVID-19 continued. In 2020, the Global Education Center held online exchange events. One of them was "Let's Connect with Friends around the World! Ibaraki University International Exchange Program (Tsunagaro Project)". Participants learned about Japanese culture such as rice balls and origami and had discussions after watching movies together. Despite the negative influence of the continuing COVID-19 pandemic on study abroad programs, we were able to expand our exchange programs with our partner universities through the online exchange events. Cross-border exchange and learning channels are likely to continue to expand.



## Outgoing and Incoming International Students



Outgoing International Students (Academic Year of 2021)



Incoming International Students (As of May 1, 2022)

# Facts & Figures

## Number of Students

### Colleges

As of May 1, 2022

Colleges	Departments	Total	Sum Total
Humanities and Social Sciences	Department of Contemporary Social Studies	555 (328)	1,528 (808)
	Department of Law, Economics and Management	510 (191)	
	Department of Humanities	463 (289)	
[Humanities]	[Humanities and Communication Studies]	1 (1)	12 (3)
	[Social Sciences]	11 (2)	
Education	Teacher Training Course	1,020 (585)	1,168 (732)
	Course for School Nurse Teacher	147 (147)	
	[Course for Information and Culture]	1	
Science	Sciences	917 (243)	917 (243)
Engineering	Mechanical Systems Engineering	575 (39)	2,453 (299)
	Electrical and Electronic Systems Engineering	541 (26)	
	Materials Science and Engineering	457 (104)	
	Computer and Information Sciences	376 (40)	
	Urban and Civil Engineering	279 (73)	
	Mechanical Systems Engineering (B)	182 (12)	
	[Mechanical Engineering]	7	
	Biomolecular Functional Engineering	2 (1)	
	Materials Science and Engineering	3 (1)	
	Electrical and Electronic Engineering	21 (2)	
	Media and Telecommunications Engineering	4	
	Intelligent Systems Engineering	1	
	Intelligent Systems Engineering (B)	5	
Agriculture	Food and Life Science	330 (206)	686 (363)
	Regional and Comprehensive Agriculture	353 (156)	
	[Biological Production Science]	2 (1)	
	[Bioresource Science]	1	
Sum Total			6,764 (2,448)

Note: 1 Departments in [ ] are discontinued. 2 The figures include international students.  
3 The figures in parentheses indicate the number of female students.

### Graduate Schools

As of May 1, 2022

Graduate Schools	Programs	Total
Humanities and Social Sciences	Master's Program	49 (28)
Education	[ Master's Program ]	1 (0)
	Professional Degree Program	79 (31)
Science and Engineering	Master's Program	886 (101)
	Doctoral Program	97 (16)
Agriculture	Master's Program	104 (53)
Sum Total		1,216 (229)
Agricultural Science	Doctoral Program	23 (10)

### Diploma Course for Graduate Students

Diploma Course	Major	Total
Advanced Course for Special Support Education	Education for Children with Intellectual Disabilities	10 (8)

## Admission to Ibaraki University (Academic Year of 2022)

### Colleges

As of May 1, 2022

Colleges	The Number of Applicants	Enrollment
Humanities and Social Sciences	1,840	377
Education	1,283	284
Science	919	214
Engineering	2,415	563
Agriculture	732	164
Total	7,189	1,602

### Graduate Schools

As of May 1, 2022

Graduate Schools	Programs	The Number of Applicants	Enrollment
Humanities and Social Sciences	Master's Program	44	19
Education	Professional Degree Program	48	39
Engineering	Master's Program	500	427
	Doctoral Program	23	22
Agriculture	Master's Program	64	53
Total		679	560

### Diploma Course for Graduate Students

As of May 1, 2022

Diploma Course	Major	The Number of Applicants	Enrollment
Advanced Course for Special Support Education	Education for Children with Intellectual Disabilities	11	10

## Number of Graduates

### Undergraduates

Academic Year of 2021

Colleges	Departments	Total	Sum Total
Humanities and Social Sciences	Department of Contemporary Social Studies	125	346
	Department of Law, Economics and Management	121	
	Department of Humanities	100	
Humanities	Social Sciences	2	14
	Humanities and Communication Studies	12	
Education	Teacher Training Course	247	288
	Course for School Nurse Teacher	39	
	Course for Human Environmental Education	2	
Science	Sciences	197	197
Engineering	Mechanical Systems Engineering	98	503
	Electrical and Electronic Systems Engineering	101	
	Materials Science and Engineering	94	
	Computer and Information Sciences	78	
	Urban and Civil Engineering	56	
	Mechanical Systems Engineering (Flex)	23	
	Mechanical Engineering	18	
	Biomolecular Functional Engineering	3	
	Materials Science and Engineering	5	
	Electrical and Electronic Engineering	9	
	Media and Telecommunications Engineering	7	
	Intelligent Systems Engineering	9	
	Intelligent Systems Engineering (B)	2	
Agriculture	Food and Life Science	86	165
	Regional and Comprehensive Agriculture	77	
	Biological Production Science	1	
	Regional Environmental Science	1	
Sum Total			1,536

### Graduates with Degrees Conferred

Academic Year of 2021

Graduate Schools	Programs	Total
Humanities and Social Sciences	Master's Program	19
Education	Master's Program	35
	Professional Degree Program	14
Science and Engineering	Master's Program	363
	Doctoral Program	14
Agriculture	Master's Program	37
Sum Total		482

### Graduates with Diploma Received from Special Field

Academic Year of 2021

Advanced Course for Special Support Education	13
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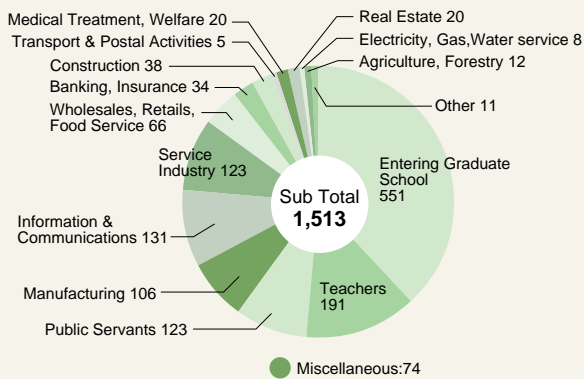
### Graduates with Diploma Received

Academic Year of 2021

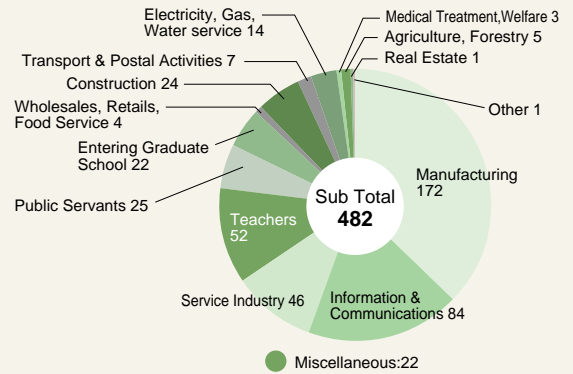
		Programs	Theses	Sum Total
Graduate School	Doctor	14	1	15
	Master of Education	14	-	14
	Master	454	-	454
United Graduate School of Agricultural Science (Ibaraki University Students)		8	-	8

# Major Fields of Employment of Graduates

**Undergraduates(Academic Year 2021) ----- Sum Total 1,513**

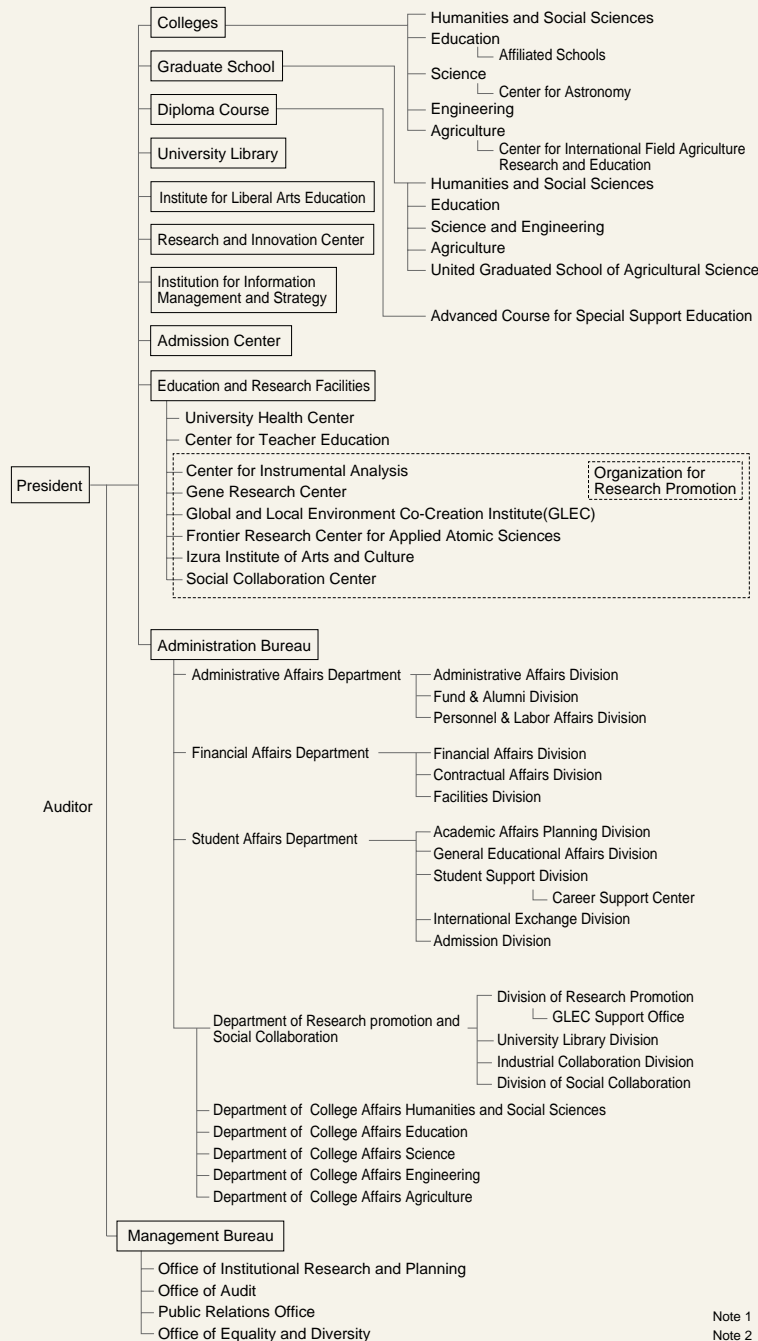


**Graduates\*(Academic Year 2021) ----- Sum Total 482**



Note: \*Included graduates finished Ph.D program without dissertation.

# Organization



# Number of Staff

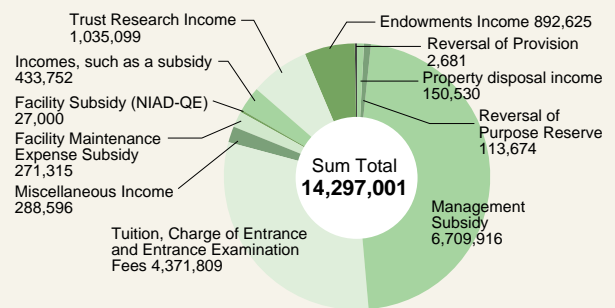
As of May 1, 2022

Classification	Executives	Professor	Associate Professor	Lecturer	Assistant Professor	Institutional Assistant	School Teachers	Clerical Staff	Total
Executives	8(2)								8(2)
Administration								252(95)	252(95)
College of Humanities & Social Sciences		46(8)	23(7)	13(6)	1	3(1)			86(22)
College of Education		56(11)	28(7)	2(2)	11(3)		89(48)		186(71)
College of Engineering								20(2)	20(2)
Graduate School of Science & Engineering (Science)		44(3)	19(5)		2				65(8)
Graduate School of Science & Engineering (Engineering)		67(1)	45(2)	21(3)	22(3)				155(9)
Agriculture		28(1)	18(3)	2(1)	2				50(5)
Institute for Liberal Arts Education		6(2)	11(2)	3(2)	4(2)				24(8)
Research & Innovation Center			1					3(1)	4(1)
Institution for Information Management and Strategy		1	2						3
Education & Research Facilities		4(1)	4	5	3(1)			4(2)	20(4)
<b>Total</b>	<b>8(2)</b>	<b>252(27)</b>	<b>151(26)</b>	<b>46(14)</b>	<b>45(9)</b>	<b>3(1)</b>	<b>89(48)</b>	<b>279(100)</b>	<b>873(227)</b>

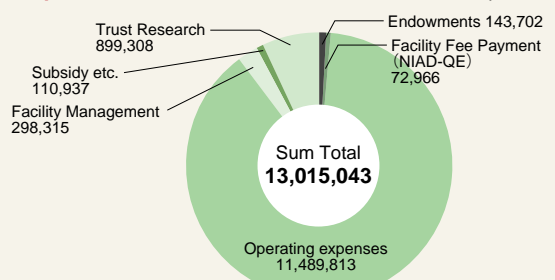
Note: The figures in parentheses indicate the number of female staff.

# Finances

**Revenue (Academic Year of 2021) Unit:1,000yen**



**Expenditure (Academic Year of 2021) Unit:1,000yen**



Note 1 If the amount includes a fraction of less than one thousand yen, it shall be rounded down.

Note 2 NIAD-QE: National Institution for Academic Degrees and Quality Enhancement of Higher Education.

# Facts & Figures

## Number of International Students

As of May 1, 2022

Countries/Area	Colleges							Graduate Schools				Sum Total	
	Humanities and Social Sciences	Education	Science	Engineering	Agriculture	Institute for Liberal Arts	Total	Humanities and Social Sciences	Education	Science and Engineering	Agriculture		Total
Brunei						3(3)	3(3)						3(3)
Indonesia	1				1	4(3)	6(3)			1	5(5)	6(5)	12(8)
Iran										2			2
Malaysia				14(3)			14(3)			4(2)		4(2)	18(5)
Sri Lanka		1(1)					1(1)						1(1)
Syria										1			1
Vietnam	2(2)		2				4(2)	1(1)		2(1)		3(2)	7(4)
China	20(15)	1	11(2)	16(3)	2(2)		50(22)	8(6)		56(11)	9(5)	73(22)	123(44)
Korea	1(1)		1(1)	2(1)			4(3)			1(1)		1(1)	5(4)
Hong Kong			1				1						1
Taiwan	1(1)		1	1			3(1)	1(1)		1		2(1)	5(2)
France										1		1	1
Montenegro										1			1
United Kingdom						1	1						1
Colombia		1					1						1
USA						2(1)	2(1)						2(1)
Egypt										1			1
<b>Sum Total</b>	<b>25(19)</b>	<b>3(1)</b>	<b>16(3)</b>	<b>33(7)</b>	<b>3(2)</b>	<b>10(7)</b>	<b>90(39)</b>	<b>10(8)</b>		<b>71(15)</b>	<b>14(10)</b>	<b>90(33)</b>	<b>185(72)</b>

Note: The figures in parentheses indicate the number of female students.

## Number of Students Studying Abroad

Academic Year of 2021

Classification	Colleges						Graduate Schools				Sum Total
	Humanities and Social Sciences	Education	Science	Engineering	Agriculture	Total	Humanities and Social Sciences	Education	Science and Engineering	Total	
AIMS Program											
Overseas Study Tour											
Foreign Exchange	6(1)	2				8					8
Internship	41(41)	8(8)	9(9)	9(9)	14(14)	81	1(1)	2(2)		3	84
<b>Sum Total</b>	<b>47</b>	<b>10</b>	<b>9</b>	<b>9</b>	<b>14</b>	<b>89</b>	<b>1</b>	<b>2</b>		<b>3</b>	<b>92</b>

Note: The figures indicate online study abroad except for the numbers in parentheses.