October 2024 Admission April 2025 Admission

Master's Degree Program Graduate School of Regional Development and Creativity Utsunomiya University

# Round 1 Recruitment

Special Screening by Recommendation General Screening Special Screening for Applicants with Full-Time Employment Special Screening for International Students Special Screening for Experienced Persons in International Exchange/Cooperation

# Utsunomiya University

"A Wealth of Ideas for the Community and New Knowledge for the World" For those applicants who have suffered from a disaster such as earthquake, wind, or flood damage, Utsunomiya University can provide an exemption from the entrance examination fee. For details, please see page 49. In addition, the university is willing to provide support to those candidates for whom the entrance fee and tuition are an exceptional financial burden. Thus, students who cannot meet the financial needs for enrollment should consult the university for support.

The following graduate programs are not offered in English. Community Design Studies Irrigation, Drainage and Rural Engineering Community and Human Development

#### **※**All dates and times are in Japan time

#### ★ Overall Schedule

#### [Special Screening by Recommendation] ※April Admission only

	All Graduate Programs
Online Application Pre- Registration Period	Friday, May 31, 2024 to Friday, June 7, 2024 3:00 p.m.
Period of Receiving Applications	<b>Tuesday, June 4, 2024 to Friday, June 7,2024</b> From 9:00 a.m. to 4:00 a.m.
Entrance Examination	Saturday, June 29, 2024
Announcement of Acceptance	Wednesday, July 10, 2024 Scheduled for 2:00 p.m.

# [General Screening] [Special Screening for Applicants with Full-Time Employment] [Special Screening for International Students] [Special Screening for Experienced Persons in International Exchange/Cooperation] \*\* October Admission and April Admission

	All Graduate Programs
Online Application Pre- Registration Period	Monday, July 8, 2024 to Tuesday, July 16, 2024 3:00 p.m.
Period of Receiving Applications	<b>Thursday, July 11, 2024 to Tuesday, July 16, 2024</b> From 9:00 a.m. to 4:00 p.m. (excluding Saturdays and Sundays)
Entrance Examination	Friday, August 23, 2024
Announcement of Acceptance	Wednesday, September 4, 2024 Scheduled for 2:00 p.m.

#### 

% For the Round 2 Recruitment, apply according to the Application Requirements scheduled to be announced in October, 2024.

% The Examination schedule will be announced on the Utsunomiya University website as soon as decided.

	All Graduate Programs
Period of Receiving Applications	Early November, 2024 (to be determined)
Entrance Examination	Early December, 2024 (to be determined)
Announcement of Acceptance	Mid December, 2024(to be determined)

#### **Points of Attention**

 $\circ$  The Special Screening for Experienced Persons in International Exchange/Cooperation is only available for the Graduate Program in Global and Area Studies and the Graduate Program in Multicultural Studies.

#### Handling of personal information

Personal information submitted to apply to the program (e.g., name, date of birth, gender, address, academic records, and entrance examination results) are used within the range of purposes listed below and shall be handled with appropriate care.

- ① Administrative operations leading up to entering the program (e.g., applicant screening and entrance formalities)
- ② Administrative operations after entering the program (e.g., issuance of student IDs, guidance counseling, creation of lists of names, etc.) and for student life-related matters (e.g., scholarships, exemption from tuition fees, etc.)
- ③ Other administrative operations required to carry out education, research, and student support, and to prepare statistical and analytical data, etc.

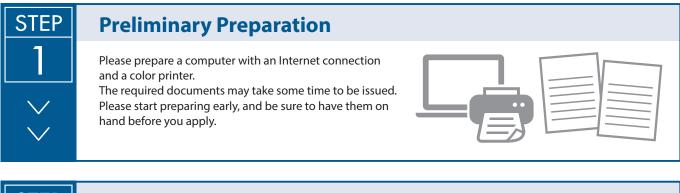
#### **Inquiries**

Admission Division, Education and Student Affairs Department, Utsunomiya University 350 Mine-machi, Utsunorniya-shi, 321-8505 Tel: 028-649-5405

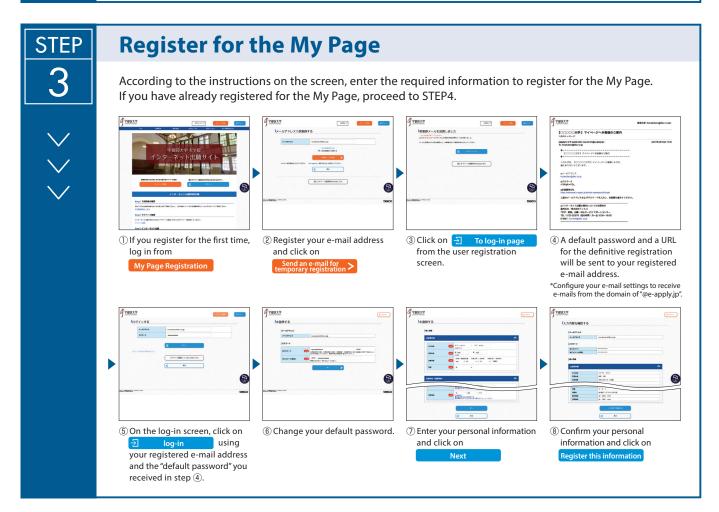
## **Online Application Flow**

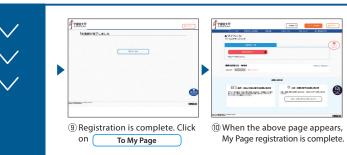
The process to complete the application is as follows.

	STEP 1	STEP 2		STEP 3		STEP 4		STEP 5		STEP 6		STEP 7
Ρ	reliminary	Accessing Applicat Site	ion	Regis for the My Pa	he	Registra of Applic Detai	ation	Payment Entran Examinati	ce	Printing and Mailing Required Documents	Completion of Application	Printing the Examination Ticket





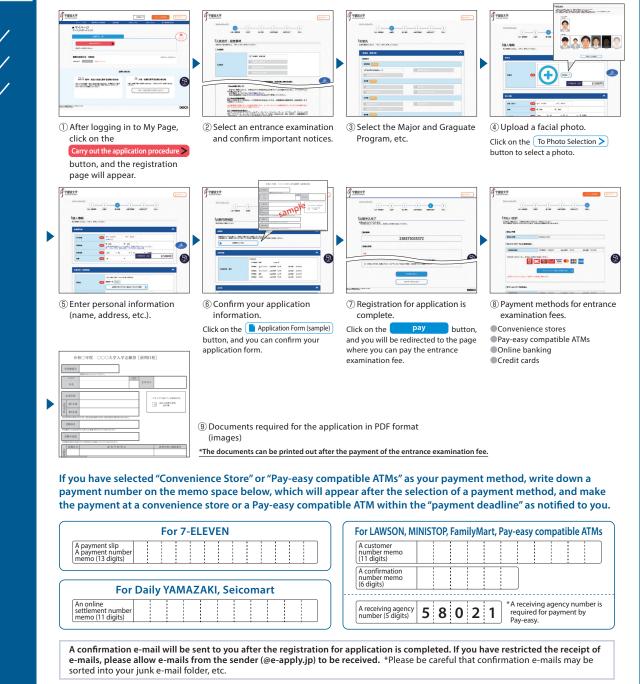




\*Only while applications are being accepted, you can proceed to the application procedures by clicking on the Carry out the application procedure button. You cannot proceed from here onward during times outside the registration period. Click on the Carcy Court button.

## **Registration of Application Details**

Make sure to confirm the procedures and important notices on the screen, and then enter the required items according to the instructions on the screen.

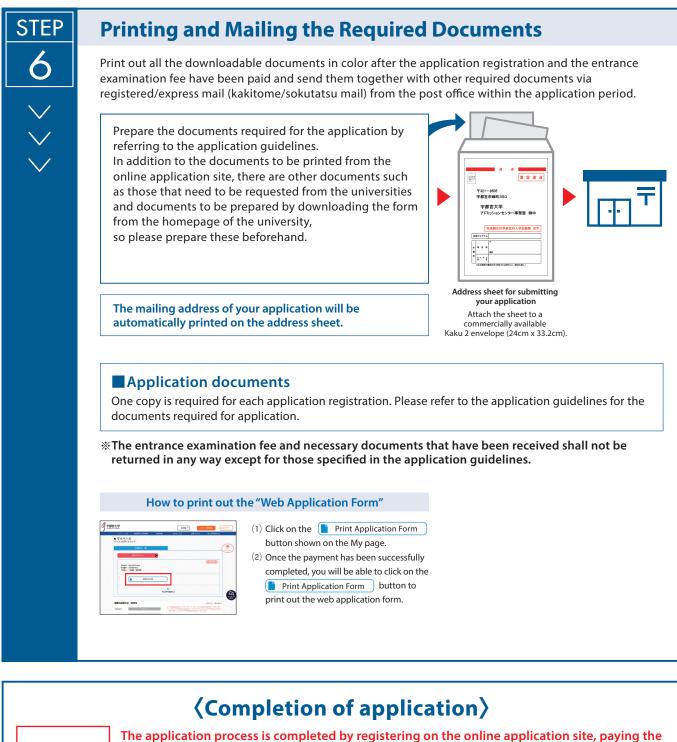


Please be careful not to enter incorrect information, as it is not possible to correct or change the registered information after the registration for application is completed. However, if you have not yet paid the entrance examination fee, you can practically correct the information by re-registering using the correct application information.

STEP

\*Please note that if you have selected a credit card in "Payment Method for the Entrance Examination Fee," the payment will be completed simultaneously with the registration for application.





Precautions when applying The application process is completed by registering on the online application site, paying the entrance examination fee, and sending the required documents by mail. Please note that your application will not be accepted if the application documents are not received by the deadline even after registration is completed.

Online application is available 24 hours a day. The deadline for application registration and payment of the entrance examination fee is 3:00 p.m. on the application due date (business hours vary depending on the facility, such as convenience stores and ATMs). Please send the required documents by mail within the time specified in each application guideline. Please make sure to apply well in advance.



## **Printing the Examination Ticket**

When the application is accepted and the application form can be printed, you will be notified through the e-mail address you have registered. If you do not receive the e-mail, please log in to the online application site on the day before the examination, print the form out on an A4 paper, single-sided and in color, and bring this with you on the day of the examination.



Certificate of Examination Name: Entrance examination: XXXEntrance examination

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## **Overview of the Graduate School of Regional Development and Creativity**

### [Philosophy]

[The School will foster highly capable human resources who support the creation of social design and innovation to solve the problems of the 21st century and contribute to establishing a sustainable and prosperous society while promoting unique and competitive research in science, technology, and innovation for the Sustainable Development Goals (STI for SDGs).]

#### ["Region" in the Graduate School of Regional Development and Creativity].

The School does not define "region" simply as a space or sphere in the geographical or physical sense of the word. According to our definition, "region" is a dynamic and diverse concept that refers to a research theme established in response to the issue at hand. Further, it is part of an interactive chain consisting of "local," "regional," "national," and "global" components.

More specifically, we promote education and research for a wide range of fields, corresponding to the community, urban, regional, national, and international levels.

#### **[Division • Graduate Program]**

#### Division of Social Design (Enrollment Capacity: 77)

Graduate Program	Degree Awarded	Enrollment Capacity(standard)
Community Design Studies	Master of Arts	
Agricultural and Rural Economics	Master of Agriculture	(8)
Architecture and Building Engineering	Master of Engineering	
Civil Engineering	Master of Engineering	(38)
Irrigation, Drainage and Rural Engineering	Master of Agriculture	
Global and Area Studies	Master of Global Studies	$(2\mathbf{C})$
Multicultural Studies	Master of Arts	(26)
Studies on Community and Human Development	Master of Arts	(5)

#### Division of Engineering and Agriculture (Enrollment Capacity : 258)

Graduate Program	Degree Awarded	Enrollment Capacity(standard)
Optical Engineering	Master of Optical Science and Engineering	(54)
Molecular Agriculture	Master of Molecular Agriculture	(54)
Material and Environmental Chemistry	Master of Engineering	(57)
Agricultural Biological Chemistry	Master of Agriculture	(57)
Mechanical and Intelligent Engineering	Master of Engineering	(47)
Information, Electrical and Electronic Systems Engineering	Master of Engineering	(82)
Agricultural and Environmental Sciences	Master of Agriculture	(10)
Forest Production and Conservation	Master of Agriculture	(18)

#### [Educational Mission]

#### **Division of Social Design**

o Graduate Program in Community Design Studies

Human resources with the ability to design communities by acquiring advanced knowledge and skills in community design, and who can contribute to the creation of sustainable and prosperous local communities.

 $\circ$  Graduate Program in Agricultural and Rural Economics

Human resources with the ability to design social systems related to food, agriculture, and rural areas by acquiring advanced knowledge and skills in agriculture and rural economics, and who can contribute to the creation of sustainable and prosperous local communities.

#### $\circ$ Graduate Program in Architecture and Building Engineering

Human resources who can acquire advanced knowledge and skills in architecture, work as designers, technicians, and researchers in architecture, and contribute to the creation of sustainable and prosperous local communities.

#### o Graduate Program in Civil Engineering

Human resources who can contribute to the creation of sustainable and prosperous local communities by acquiring advanced engineering technology in civil engineering, and who can design comfortable, safe, and strong social infrastructures.

#### $\circ$ Graduate Program in Irrigation, Drainage and Rural Engineering

Human resources who can contribute to the creation of sustainable and prosperous local communities by acquiring advanced knowledge and skills in agricultural civil engineering, and who can design good agricultural and rural infrastructures.

#### o Graduate Program in Global and Area Studies

Human resources who can design a society from a global perspective, and who can contribute to the creation of sustainable and prosperous local communities by acquiring advanced knowledge and skills to understand and solve various problems occurring in Japan and around the world.

#### o Graduate Program in Multicultural Studies

Human resources who have acquired advanced knowledge and skills related to multicultural coexistence, who can contribute to the creation of sustainable and prosperous local communities, and who can design a multicultural society where people from different cultures, languages, ideologies, religions, values, and positions can live together.

o Graduate Program in Community and Human Development Studies

Human resources who can contribute to the creation of sustainable and prosperous local communities by acquiring advanced knowledge and skills in community and human development studies, and who can design social systems related to the "hearts and minds" of the people from the perspective of human thought, life, and health.

#### **Division of Engineering and Agriculture**

#### • Graduate Program in Optical Engineering

Human resources who can acquire advanced knowledge and skills related to optics, who have the ability to serve as hands-on engineers and researchers, and who can contribute to the creation and development of sustainable and prosperous local communities by leading creation and development in the wide world of optical technology.

#### o Graduate Program in Molecular Agriculture

Our mission is to provide advanced knowledge and skills in molecular agriculture, to give students moleculelevel expertise based on analytical techniques and the expression mechanisms of genetic information, and to contribute to the creation of sustainable and prosperous local communities.

#### o Graduate Program in Material and Environmental Chemistry

Human resources who have the ability to acquire advanced knowledge and technology on material chemistry that they can utilize in diverse settings, contributing to the creation of sustainable and prosperous local communities.

#### o Graduate Program in Agricultural Biological Chemistry

Human resources who can contribute to the creation of sustainable and prosperous local communities by acquiring advanced knowledge and skills in biochemistry, and who have the practical ability to work on macro as well as micro-level challenges.

#### o Graduate Program in Mechanical and Intelligent Engineering

Human resources who can acquire advanced knowledge and skills related to intelligent machines, work as internationally recognized researchers and engineers, and contribute to the creation of sustainable and prosperous local communities.

#### $\circ$ Graduate Program in Information, Electrical and Electronic Systems Engineering

Human resources who can acquire advanced knowledge and skills related to electricity, electronics, and information and communication, work as internationally recognized researchers and engineers, and contribute to the creation of prosperous local communities through the discovery of new problems and formulation of new challenges.

#### o Graduate Program in Agricultural and Environmental Sciences

Human resources who can contribute to the creation of a sustainable and prosperous local community by acquiring advanced knowledge and technologies related to agricultural production and processing, effective reuse of bioresources, environmental conservation, wildlife management, etc., thereby helping to establish new agriculture to achieve labor-saving and high-quality production.

#### o Graduate Program in Forest Production and Conservation

Human resources that can contribute to the creation of a sustainable and prosperous local community by acquiring advanced knowledge and skills related to forest and forestry, thus contributing to the construction of diverse and lasting relationships between forests and humans and the utilization of forest resources.

## Admissions Policy of the Graduate School of Regional Development and

## **Creativity (Master's Degree Program)**

#### **1.Desired Candidates**

#### [Graduate School of Regional Development and Creativity]

- (1) Individuals with the basic academic skills required for learning and research
- (2) Individuals who have the ability to think creatively and act independently and are willing to take on the challenges of new fields with enthusiasm
- (3) Individuals with a strong interest in and motivation to contribute to the local community by acquiring specialized knowledge, skills, and practical abilities

#### [Division of Social Design]

- (1) Individuals who have the basic academic skills necessary to study and research the designs of sustainable human societies and social environments where diverse people can coexist in harmony
- (2) Individuals who wish to develop their creative abilities while improving their skills in social design
- (3) Individuals with a strong interest in and enthusiasm for contributing to the local community through social design

#### **o** Graduate Program in Community Design Studies

- (1) Individuals with the basic academic skills in such fields as policy science, community development, and lifestyle culture necessary to study community design
- (2) Individuals who are willing to look at the community, learn from the practices on the ground, and try to solve new challenges
- (3) Individuals who have a strong interest in and willingness to contribute to the local community through community design studies

#### $\circ$ Graduate Program in Agricultural and Rural Economics

- (1) Individuals who have the basic academic skills in the social sciences (economics, sociology, history, etc.) necessary to study agriculture and rural economics
- (2) Individuals who have a high level of logical thinking ability, wish to proactively learn from the real world, and are willing to try to solve new challenges related to food, agriculture, and rural areas
- (3) Individuals with a strong interest in and willingness to contribute to the local community through agriculture and rural economics

#### • Graduate Program in Architecture and Building Engineering

- (1) Individuals with the basic academic skills in architectural structures, architectural planning, architectural environment engineering, and building materials required to learn architecture
- (2) Individuals willing to learn the relationship between architecture and the changes in the global environment and community, and to challenge new creations from a variety of perspectives from local to global.
- (3) Individuals with a strong interest in and enthusiasm for contributing to the local community through architecture

#### • Graduate Program in Civil Engineering

- (1) Individuals with the basic skills in such fields as structural engineering, water engineering, geotechnical engineering, civil engineering planning, and civil engineering materials science necessary to study civil engineering
- (2) Individuals willing to learn about the relationship between social infrastructure and the changes in the global environment and community, and challenge new creations from a variety of perspectives from local to global.
- (3) Individuals with a strong interest in and enthusiasm for contributing to the community through civil engineering

#### • Graduate Program in Irrigation, Drainage and Rural Engineering

- (1) Individuals who have the basic academic skills related to soil, water, and the rural environment necessary to study agricultural civil engineering
- (2) Individuals willing to learn about the relationships between the global environment and local changes, and between the agricultural and rural infrastructures, and to challenge new creations from diverse perspectives from local to global.
- (3) Individuals with a strong interest in and willingness to contribute to the local community through agricultural civil engineering

#### • Graduate Program in Global and Area Studies

- (1) Individuals with the basic academic skills in international cooperation, political science, economics, and regional studies necessary to study international studies
- (2) Individuals who are interested in global issues and are willing to take on the challenge of solving new issues by acquiring a broad interdisciplinary education and the advanced practical skills required for problem-solving
- (3) Individuals with a strong interest in and willingness to contribute to the community through global and area studies

#### • Graduate Program in Multicultural Studies

- (1) Individuals who have the basic academic skills in sociology, literature and cultural studies, psychology, linguistics, and human rights necessary to study multicultural studies
- (2) Individuals who are willing to learn in-depth about the formation of societies in which people from different cultures, languages, ideologies, religions, values, and positions live together and take on the challenge of solving new issues
- (3) Individuals with a strong interest in and willingness to contribute to the local community through multicultural studies

#### • Graduate Program in Community and Human Development Studies

- (1) Individuals with the basic academic skills in education and psychology, health and life sciences, and linguistics and arts necessary to study community and human development
- (2) Individuals who can think creatively and act independently, and are willing to try to solve new challenges related to human development
- (3) Individuals with a strong interest in and willingness to contribute to the local community through human development studies

#### [Division of Engineering and Agriculture]

- (1) Individuals with the basic academic skills in the natural sciences required to study and research innovation
- (2) Individuals who wish to develop their creative skills while improving their expertise in the fields of engineering and agriculture related to innovation
- (3) Individuals with a strong interest in and willingness to contribute to the community through innovation

#### • Graduate Program in Optical Engineering

- (1) Individuals with the basic academic skills in mathematics, physics, and optics necessary to study optical engineering
- (2) Individuals who are highly interested in fields related to optical engineering and who are willing to take on creative and original challenges
- (3) Individuals with a strong interest in and willingness to contribute to the community through optical engineering

#### • Graduate Program in Molecular Agriculture

- (1) Individuals with the basic skills in molecular biology, genetics, and physiology necessary to study molecular agriculture
- (2) Individuals who are able to understand life phenomena at the molecular level, have a strong interest in issues in agriculture and the life sciences and molecular analysis techniques and are willing to take up the challenge of using them in the fields of agriculture, forestry, and fisheries
- (3) Individuals with a strong interest in and willingness to contribute to the community through molecular agriculture

#### $\circ$ Graduate Program in Material and Environmental Chemistry

- (1) Individuals with the basic academic skills in physical chemistry, organic chemistry, and inorganic chemistry necessary to learn material and environmental chemistry
- (2) Individuals willing to take on the challenge of developing functional materials and solving environmental problems in the chemistry-based manufacturing industry
- (3) Individuals with a strong interest in and enthusiasm for contributing to the local community through material chemistry

#### $\circ$ Graduate Program in Agricultural Biological Chemistry

- (1) Individuals with the basic academic skills in chemistry and biochemistry related to the properties and functions of compounds and bioactive substances required to study agricultural biological chemistry
- (2) Individuals willing to challenge the development of functional materials and solve environmental problems in industry and public institutions in the fields of food, pharmaceuticals, and cosmetics
- (3) Individuals with a strong interest in and willingness to contribute to the local community through biochemistry

#### • Graduate Program in Mechanical and Intelligent Engineering

- (1) Individuals who have the basic academic skills in thermodynamics, fluid engineering, mechanical dynamics, material mechanics, and mathematics necessary to study mechanical and intelligent engineering
- (2) Individuals who are interested in mechanical and intelligent engineering and "manufacturing" and who are willing to take on the challenge of research problems and practical and applied manufacturing, while thinking creatively and independently
- (3) Individuals with a strong interest in and willingness to contribute to the community through mechanical and intelligent engineering

#### • Graduate Program in Information, Electrical and Electronic Systems Engineering

- Individuals who have the basic academic skills in information mathematics, basic information theory, electromagnetics, and electrical circuits necessary to study information, electrical, and electronic systems engineering
- (2) Individuals who are willing to take on the challenge of developing advanced systems that connect "people" and "things" on the basis of information, electrical, and electronic systems engineering
- (3) Individuals with a strong interest in and willingness to contribute to the community through information, electrical, and electronic systems engineering

#### • Graduate Program in Agricultural and Environmental Sciences

- (1) Individuals with the basic academic skills in bioresource sciences and agricultural environmental engineering necessary to study agricultural and environmental sciences
- (2) Individuals who have a strong interest in and enthusiasm for solving problems associated with agricultural production, and who are willing to use the latest technologies in agriculture and forestry production
- (3) Individuals with a strong interest in and willingness to contribute to the local community through agricultural and environmental sciences

#### • Graduate Program in Forest Production and Conservation

- (1) Individuals with the basic academic skills in forest production and conservation, forest management policy, forest engineering, and forest production and utilization required to study forest production conservation
- (2) Individuals who have acquired advanced knowledge and research skills in the fields of forest, forestry, and forest industry and who will be willing to take on the challenge of solving various issues as professionals and researchers in the future.
- (3) Individuals with a strong interest in and willingness to contribute to the local community through forest production conservation

### 2.Basic Policy of the regarding the Screening of Applicants

- (1) Individuals who have the skills and thinking ability required for learning and research in the Graduate Program will be given priority
- (2) Individuals who have an interest in issues in specialized fields and border and interdisciplinary areas, and the willingness to acquire knowledge and skills, an independent attitude, logical thinking abilities, the ability to express themselves, and communication skills will also be considered in the evaluation.

The following table shows how, in each screening category, applicants' knowledge and skills required for learning and research at the Graduate School of Regional Development and Creativity (Master's Degree Program) will be examined and evaluated based on the above-mentioned basic screening policy. Applicants' foreign language ability will be evaluated on the basis of their submitted scores on external exams.

	on the basis of their sublinitied seor		
Screening Category	The skills and thinking ability required for learning and research	Willing to take on the challenges of new fields	Strong interest in and motivation to contribute to
	in the Graduate Program	with enthusiasm	the local community
General Screening	Foreign Language (English) Specialization Subjects Oral Examination	Oral Examination Application Documents	Oral Examination Application Documents
Special Screening by Recommendation	Foreign Language (English) Oral Examination Application Documents	Oral Examination Application Documents	Oral Examination Application Documents
Special Screening for Applicants with Full- Time Employment	Foreign Language (English) Oral Examination Application Documents	Oral Examination Application Documents	Oral Examination Application Documents
Special Screening for International Students	Foreign Language (English or Japanese) Specialization Subjects Oral Examination	Oral Examination Application Documents	Oral Examination Application Documents
Special Screening for Third-Year Undergraduate Students	Foreign Language (English) Specialization Subjects Oral Examination	Oral Examination Application Documents	Oral Examination Application Documents
Special Screening for Experienced Persons in International Exchange/Cooperation	Foreign Language (English) Oral Examination Application Documents	Oral Examination Application Documents	Oral Examination Application Documents

## Guidelines on Applying to the Graduate School of Regional Development and

## Creativity (Master's Degree Program) Round 1

Maion	Enrollment	October Admission		April Admission	
Major	Capacity	Screening Category	Capacity	Screening Category	Capacity
		General Screening Special Screening for Applicants	A few	General Screening	46
E.		with Full-Time Employment Special Screening for International Students	applicants	Special Screening by Recommendation Special Screening for	31
Division of Social Design	77	Special Screening for Experienced Persons in International Exchange/Cooperation		Applicants with Full-Time Employment Special Screening for International Students Special Screening for Third- Year Undergraduate Students Special Screening for Experienced Persons in International	A few applicants
Ite		General Screening	A few	Exchange/Cooperation General Screening	155
Agricultu	Special Screening for Applicants with Full-Time Employment	applicants	Special Screening by Recommendation	103	
Division of Engineering and Agriculture	258	Special Screening for International Students		Special Screening for Applicants with Full-Time Employment Special Screening for International Students Special Screening for Third- Year Undergraduate Students ※	A few applicants

## I. Enrollment Capacity by Major

#### Points of Attention

- Those who did not pass the Special screening by recommendation are able to apply for General screening or Special Screening for Experienced Persons in International Exchange/Cooperation. However, it is necessary to submit the application documents and the entrance examination fee separately.
- For General Screening, Special Screening for Applicants with Full-Time Employment, Special Screening for International Students, and Special Screening for Experienced Persons in International Exchange/Cooperation, applications will be accepted in two rounds, Round 1 and Round 2 recruitment. Applicants may apply in either or both of the rounds, provided, however, that the applicants submit the application form (including the entrance examination fee) for each application within the specified period. October admission is recruited only for the

Round 1.

- The enrollment capacity for the General Screening is the total number of applicants in Round 1 and Round 2 of recruitment. Round 2 of recruitment will be held even if the enrollment capacity is met in Round 1 (a few applicants will be recruited).
- Special screening by Recommendation is recruited only for the Round 1. Even if successful applicants do not reach the capacity, the Round 2 recruitment will not be carried out.
- Special Screening for Experienced Persons in International Exchange/Cooperation is only available in the Graduate Program in Global and Area Studies and the Graduate Program in Multicultural Studies under the Division of Social Design.

\*\* Special screening for 3rd Year Undergraduate Students cannot be applied by this Application Requirements. Apply it in accordance with the Application Requirements scheduled to be published in October.

## **II. Application Procedure**

#### (1) Application Method

Only online applications are accepted. The application procedure is as follows:

		the application procedure is as follows.	
Step 1	Checking Application Guidelines	Before proceeding with the application, read the application guidelines carefully and review their contents.	
	▼		
Step 2	Registration of Online Application (See page iii for details.)	Use the website below to access the online application and enter the necessary information. (https://e-apply.jp/ds/utsunomiya-gs/)	
	▼		
Step 3	Payment of the Entrance Examination Fee (See page iv for details.)	Complete payment of the entrance examination fee according to the instructions on the online application site.	
	▼		
Step 4	Printing Required Documents	Print out the required documents from the online application site.	
	▼		
Step 5	Sending of Required Documents	Send the required documents printed from the online application site and the university website, along with all other required documents using the registered mail/express delivery [kakitome/sokutatsu] so that they arrive at our university within the application period.	
	▼		
Step 6	Printing the Examination Ticket	If your application is accepted, you will be able to print out the examination ticket from the online application site after the end of the application period. Each applicant must print this out and bring this with them on the day of the examination.	

#### (2) Application Period

	Application period	Deadline for registration of online application and payment of the entrance examination fee	Deadline for receiving application documents (Must arrive on or before)
Special Screening by Recommendation	From Tuesday, June 4,2024 to Friday, June 7, 2024	Friday, June 7, 2024 3:00 p.m.	Friday, June 7, 2024 4:00 p.m.
General Screening Special Screening for Applicants with Full-Time Employment Special Screening for International Students Special Screening for Experienced Persons in International Exchange/Cooperation	From Thursday, July 11, 2024 to Tuesday, July 16, 2024	Tuesday, July 16, 2024 3:00 p.m.	Tuesday, July16, 2024 4:00 p.m.

Application documents received after the deadline will not be accepted, so please send them well in advance, taking into consideration the postal situation.

#### (3) Submission Method and Address

As a general rule, applications should be sent via registered or express mail (kakitome/sokutatsu). If there are unavoidable circumstances that prevent you from submitting your application by mail, please submit it in person between 9:00 a.m. and 4:00 p.m. during the application period (excluding Saturday, Sunday and Holiday).

〒 321-8505 Admission Division, Education and Student Affairs Department, Utsunomiya University, 350 Mine-machi, Utsunomiya-shi, Tochigi

#### (4) Entrance Examination Fee

Entrance Examination Fee: ¥30,000

Please refer to the payment methods on the online application site and complete the payment using one of the following methods: convenience store payment, post office/bank ATM, internet banking, or credit card.

The entrance examination fee will not be refunded for any reason after the application documents have been received.

#### (5) Preliminary Preparations

Before registe	ring for the online application, please check and prepare the following in advance.
Preparing your Computer	<ul> <li>The online application can be completed using the following:</li> <li><browser> <ul> <li>Latest version of Microsoft Edge</li> <li>Latest version of Google Chrome</li> <li>Latest version of Mozilla Firefox</li> <li>Apple Safari 8 or later</li> </ul> </browser></li> <li>X Do not use multiple tabs simultaneously for the application. Having multiple tabs open to complete your application simultaneously may result in entries not being transferred to other tabs or other errors.</li> <li>X We recommend using a computer to complete your application, especially since it requires you to print documents. If you are using a mobile device such as a smartphone or tablet, you can browse the site; however, we do not recommend using these since the screen may not be displayed correctly from some devices.</li> </ul>
Preparing e-mail address and settings	An e-mail address is required for the application, so please prepare an e-mail address beforehand. You may use email addresses from your smartphones or mobile phones. If you need to alter your settings to be able to receive mail from specified domains, make sure that you can receive mail from the following domain: @e-apply.jp The following e-mails will be sent to the e-mail address you have registered at the time of application. ①A test e-mail during registration of information for the online application, ② an automated e-mail sent upon completion of the application registration, ③ an automated e-mail sent upon completion of payment of the entrance examination fee, and ④ an e-mail notification when the examination ticket becomes available for viewing and printing. ※ Do not change your e-mail address until you have printed your examination ticket.
Photograph of the Applicant (Preparation of documents)	To register for the online application, you will need to submit your photograph (any file format, size up to 2MB). The photograph will be used for identification purposes, so please be ready with a color photograph of you taken within three months prior to the application, front view, upper body, no hat, and a plain background. Please note that the application may not be accepted if your photo hinders identification, such as those shown [Examples of unacceptable photos] below. [Examples of unacceptable photos] Blurred images, dark backgrounds, faces turned sideways, makeup or bangs covering the eyes, etc., which make it difficult to verify the applicant's identity; photos of more than one person; photos that have been altered; photos that have been developed and then reshot; etc.
Preparing other required documents	Please prepare documents in addition to the forms to be printed from the online application site, such as a certificate of (Expected) graduation and a research plan, in advance so that they can be submitted in time for the application period.
Kaku 2 envelope	Prepare a commercially available Kaku 2 envelope (240mm $\times$ 332mm) to submit the application documents.

Preparation for printing forms (printer, papers, etc.) The forms from the online application site must be printed in color on A4-size plain paper. The application form must be printed on both sides, so please prepare a color printer and printing paper (plain paper, PPC paper, common OA paper, copy paper, etc.) that can be printed on both sides. You may also use printing services at public facilities or convenience stores, as long as they meet the printing requirements. (Please be careful with the handling of personal information.)

### **III. Method of Screening Applicants**

The screening method differs according to the screening type (1. Special Screening 2. General Screening 3. Special Screening for Applicants with Full-Time Employment 4. Special Screening for International Students 5. Special Screening for Experienced Persons in International Exchange/Cooperation). Please read the page for the screening category for which you wish to apply.

#### 1. Special Screening by Recommendation (April Admission only)

#### (Conducted in all majors and Graduate Programs)

#### (1) Application Requirements

Those who meet any of the following and also meet all of the (2) Requirements for recommendation.

- ① Those who are expected to graduate from an accredited Japanese university in March 2025.
- ② Those who are expected to complete an advanced course of a Japanese junior college or a technical college (KOSEN) in March 2025; also expected to obtain a Bachelor's degree from Japanese National Institution for Academic Degrees and Quality Enhancement of Higher Education (NIAD-QE).

#### (2) Requirements for recommendation

Those who meet all of the following.

- 1 Those who have an excellent academic performance.
- <sup>(2)</sup> Those who meet the admission policies of the graduate program, and have your enthusiasm for research.
- ③ Those who have a recommendation by the president or the department head of your university, and are able to promise to enter the program if you pass the examination.

#### (3) Prior Contact and Consultation with the Research Supervisor of their choice before Application

<u>Before applying, please check the "XVIII: List of Faculty Members " on page 64, and be sure to contact</u> the research supervisor in advance and consult your research topic and content after admission.

Advance consultation are limited to matters related to research activities and the curriculum after enrollment. We cannot answer questions related to entrance examination such as questions about past examination questions.We cannot answer questions the answers to the entrance examination questions.

#### (4) Application Documents

For documents marked  $\diamondsuit$ , please print out from the online application site after registering for the online application.

For documents marked  $\blacklozenge$ , please download forms from the university's website (Admissions Information).

<https://www.utsunomiya-u.ac.jp/admission/examination.php>

- For documents marked \*, please download from the university's website (Graduate School Admissions).
  - <https://www.utsunomiya-u.ac.jp/admission/graduate.php>

- Except for the original TOEIC® Listening & Reading Test (TOEIC® L&R Official Score Certificate and the original TOEIC® L&R IP Individual Score Report), documents received will not be returned for any reason.
- If the application is in a language other than Japanese and English, the applicant may be required to submit a translation.
- No changes may be made to the contents of the accepted documents. In addition, if there is a change to your address, contact location, or telephone number, please contact the Admission Division for the Education and Student Affairs Department without delay.
- If it is found that the items stated in the submitted documents are erroneous, your admission will be canceled.
- The entrance examination fee shall not be refunded for any reason after receipt of the application documents.

Application Documents	Who Should Submit	Notes	
◇Application Form	Everyone	• Please print on both sides of the A4 size paper from the online application site.	
* Letter of Recommendation	Everyone	<ul> <li>A letter issued by the head (dean, etc.) of institution you belong to, and in a sealed envelope.</li> <li>Those who are expected to graduate from Utsunomiya University should apply for the issuance of a "Letter of Recommendation" to the dean of the department to which they belong before the application acceptance period. "Letter of Recommendation" will be submitted directly to the Admission Division for the Education and Student Affairs Department by the dean of the department.</li> </ul>	
* Statement of Purpose	Everyone	• Fill out the motivation and purpose for going on to graduate school in the prescribed form.	
Certificate of expected Graduation	Everyone	• Please submit a document issued by the president or head of the previous school	
Transcript Everyone		<ul> <li>Please submit a transcript issued and sealed by the president or head of the previous school</li> <li>If you are expecting to graduate from Utsunomiya University, you may use a copy printed from the transcript machine, and there is no need to seal your transcript.</li> </ul>	
TOEIC, TOEFL CertificationsAll international students (excluding Japanese government- sponsored students, foreign government- sponsored students, and 		<ul> <li>Please submit the score sheet specified by the university under "IV. Foreign Language Examination" on page 41.</li> </ul>	
Degree Certificates	Those who fall under ②of (1) Application Requirement	<ul> <li>Issued by the National Institution for Academic Degrees and Quality Enhancement of Higher Education</li> </ul>	

Application Documents	Who Should Submit	Notes
Resident's card	Only for foreign nationals living in Japan	<ul> <li>Please submit the document with information on the status of residence and period of stay issued by the mayor of the city, town, or village of residence, but not the "My Number (individual ID number)"</li> <li>Those who are currently enrolled in the university (including non-degree students and research students) are not required to submit their certificate of residence. They may instead submit a copy of their student ID.</li> </ul>
◆Application form for those exempted from the Entrance Examination Fee	Exemption Applicants only	• Those who wish to be exempted from paying the entrance examination fees due to damage caused by the earthquake, wind, or flood should submit an "Application form for exemption of entrance examination fee" without paying entrance examination fee.
Envelope for the submission of application documents	Everyone	<ul> <li>Please prepare a commercially available Kaku 2 envelope (240mm × 332mm).</li> </ul>
◇Address sheet for submitting the application documents	Everyone	<ul> <li>Print out the address sheet in color from the online application site and attach it to the front side of the "Envelope for the submission of application documents."</li> <li>Please send it via registered express mail (kakitome/sokutatsu mail).</li> </ul>

• The photograph to be uploaded to the online application page should be a clear, front-facing, upper-body picture without a hat, on a plain background, and must be taken within three months prior to the application. The photo ratio should be 4 × 3, and the file size should not exceed 2MB.

#### (5) Method of Screening

Applicants will be selected based on the results of the Achievement Test (Foreign Language (English)), Oral Examination, Statement of Purpose, and Transcripts considered together.

Examination Subject	Notes
Foreign Language (English)	TOEIC® L&R or TOEFL® scores will be converted.
Oral examination	Oral examination will be conducted including the contents of the Statement of Purpose and will be conducted by each Program.

#### (6) Examination Dates and Venue

**\* Examination venue vary depending the Graduate Program you apply to** 

Graduate Program	Examination Date	Examination Time	Examination Type	Examination Venue
Community Design Studies Architecture and Building Engineering Civil Engineering Optical Engineering Material and Environmental Chemistry Mechanical and Intelligent Engineering Information, Electrical and Electronic Systems Engineering	Saturday , June 29, 2024	9:30 a.m.	Oral examination	Yoto Campus
Agriculture and Rural Economics Irrigation, Drainage and Rural Engineering Global and Area Studies Multicultural Studies Studies on Communities and Human Development Molecular Agriculture Agricultural Biological Chemistry Agricultural and Environmental Sciences Forest Production and Conservation	Saturday , June 29, 2024	9:30 a.m.	Oral examination	<u>Mine Campus</u>

% Bring your examination ticket on the day of the examination.

% You will be informed of the assembly site on the day of the examination after the examination ticket notification (via email). Please arrive at the assembly site at the designated time (30 minutes before the start of the examination) and complete registration. If you are not able to arrive by the specified time, as a general rule, you will be allowed to take the examination up to 30 minutes after the start of the examination, but you will not receive a time extension.

#### (7) Precautions

- ① Successful applicants who don't graduate, complete, or obtain a bachelor's degree by March 2025, their acceptance of the entrance examination will be revoked. You will be asked to submit a proof which can be confirmed at the time of the enrollment formalities.
- ② For inquiries about the major and Graduate Program, if you do not know how to contact the research supervisor of their choice, please check page 63 "XVII. Contact Information for each Graduate Program" and contact by email.

#### 2. General Screening

(Conducted in all majors and Graduate Programs)

#### (1) Application Requirements

Individuals to whom any of the following criteria apply.

- ① Those who have graduated or are expected to graduate from a university by the time of enrollment.
- ② Those who have received or are expected to receive a bachelor's degree by the time of enrollment from the National Institution for Academic Degrees and Quality Enhancement of Higher Education (formerly the National Institution for Academic Degrees and University Evaluation) in accordance with the provisions of Article 104, Paragraph 7 of the School Education Law.
- ③ Those who have completed or are expected to complete 16 years of school education in a foreign country by the time of enrollment.
- ④ Those who have completed or are expected to complete 16 years of school education from a foreign country by completing correspondence courses offered by a foreign school in Japan by the time of enrollment.
- (5) Those who, by the time of enrollment at an educational institution in Japan, have completed or are expected to complete a course (only for those who are deemed to have completed 16 years of school education in the foreign country) from a foreign university in the school education system of the foreign country, separately designated by the Minister of Education, Culture, Sports, Science and Technology.
- (6) Those who have completed, or are expected to complete by the time of enrollment, specialized training at a vocational school (limited to courses with a period of study of four years or more, and meeting the standards specified by the Minister of Education, Culture, Sports, Science and Technology) separately designated by the Minister of Education, Culture, Sports, Science and Technology on or after being so specified by the Minister of Education, Culture, Sports, Science and Technology.
- ⑦ Those who have been designated by the Minister of Education, Culture, Sports, Science and Technology (Ordinance of the Ministry of Education No. 5 of 1953)
- (8) Those who have studied at a university for 3 or more years, who have completed 15 years of school education in a foreign country, those who have completed 15 years of school education in a foreign country by taking correspondence courses offered in Japan or by a foreign school in Japan, those who have completed a course at a foreign school in Japan, who are at an educational facility positioned in the school education system of a foreign country (only for those considered to have completed 15 years of school education in the foreign country), and have completed a course designated separately by the Minister of Education, Culture, Sports, Science and Technology, and has been recognized by the Graduate School of Regional Development and Creativity as having obtained the prescribed credits with excellent results.
- (9) Those who have been enrolled in a graduate school of another university pursuant to the provisions of Article 102, Paragraph (2) of the School Education Law and have been found by the Graduate School of Regional Development and Creativity to possess sufficient academic ability to receive education at a graduate school.
- ① Those recognized by the Graduate School of Regional Development and Creativity as having academic skills equivalent or superior to someone who has graduated from a university based on an individual application screening, and shall have reached 22 years of age by the time of enrollment.

#### (2) Application Requirements Screening

Those who intend to apply under the application requirement (6) should contact the Admission Division for the Education and Student Affairs Department by Thursday, June 20, 2024.

Those who intend to apply under application requirements (8) (9) or (10) should contact the Admission Division for the Education and Student Affairs Department as soon as possible and complete the procedures for individual admissions screening by Thursday, June 20, 2024. No applications shall be accepted after the deadline.

(3) Prior Contact and Consultation with the Research Supervisor of their choice before Application
<u>Before applying, please check the "XVIII: List of Faculty Members " on page 64, and be sure to contact</u>

the research supervisor in advance and consult your research topic and content after admission.

Advance consultation are limited to matters related to research activities and the curriculum after enrollment. We cannot answer questions related to entrance examination such as questions about past examination questions. We cannot answer questions the answers to the entrance examination questions.

For past entrance examination questions, please refer to page 48 " IX: Past entrance examination questions."

#### (4) Application Documents

For documents marked  $\diamondsuit$ , please print out from the online application site after registering for the online application. For documents marked  $\blacklozenge$ , please download forms from the university's website (Admissions Information).

<https://www.utsunomiya-u.ac.jp/admission/examination.php>

- Except for the original TOEIC® Listening & Reading Test (TOEIC® L&R Official Score Certificate and the original TOEIC® L&R IP Individual Score Report), documents received will not be returned for any reason.
- If the application is in a language other than Japanese and English, the applicant may be required to submit a translation.
- No changes may be made to the contents of the accepted documents. In addition, if there is a change to your address, contact location, or telephone number, please contact the Admission Division for the Education and Student Affairs Department without delay.
- If it is found that the items stated in the submitted documents are erroneous, your admission will be canceled.
- The entrance examination fee shall not be refunded for any reason after receipt of the application documents.

Application Documents	Who Should Submit	Notes
◇Application Form	Everyone	• Please print on both sides of the A4 size paper from the online application site.
* Research Plan	Applicants to the Graduate Programs in Community Design Studies, Global and Area Studies, and Multicultural Studies.	• Please submit a research plan in Japanese (about 1,000 characters) or English (about 500 words) using the format specified by the University.
Certificate of (expected) Graduation	Everyone	<ul> <li>Please submit a document issued by the president or head of the previous school</li> <li>Individuals graduating from a university in a country or territory where graduation certificates are not issued, please consult with the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>

For documents marked \*, please download from the university's website (Graduate School Admissions). <a href="https://www.utsunomiya-u.ac.jp/admission/graduate.php">https://www.utsunomiya-u.ac.jp/admission/graduate.php</a>

Application Documents	Who Should Submit	Notes
Transcript	Everyone	<ul> <li>Please submit a transcript issued and sealed by the president or head of the previous school</li> <li>If you are expecting to graduate from Utsunomiya University, you may use a copy printed from the transcript machine, and there is no need to seal your transcript.</li> <li>Individuals graduating from universities in a country or territory where transcripts are not issued should consult with the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>
TOEIC, TOEFL Certifications	All international students (excluding Japanese government- sponsored students, foreign government- sponsored students, and JICA students)	• Please submit the score sheet specified by the university under "IV. Foreign Language Examination" on page 41.
Degree Certificates	Those who fall under ②of (1)Application Requirement	<ul> <li>Issued by the National Institution for Academic Degrees and Quality Enhancement of Higher Education</li> <li>If the applicant is expecting the degree to be conferred, they are expected to submit an Application for Degree Certificate issued by the head of the previous school in lieu of the degree certificate.</li> </ul>
Certificates for Japanese government-sponsored students, foreign- government sponsored students, and JICA students	Japanese government- sponsored students (Research Students only), foreign government-sponsored students, and JICA students	• If you apply under this category, you will be exempt from the Achievement Test (Foreign Language (English) and Specialization Subjects) on submitting application documents for verification, so consult with the Admission Division for the Education and Student Affairs Department about the certificates to be submitted before applying.
Resident's card	Only for foreign nationals living in Japan	<ul> <li>Please submit the document with information on the status of residence and period of stay issued by the mayor of the city, town, or village of residence, but not the "My Number (individual ID number)"</li> <li>Those who are currently enrolled in the university (including non-degree students and research students) are not required to submit their certificate of residence. They may instead submit a copy of their student ID.</li> <li>Those who are not living in Japan, please consult the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>

Application Documents	Who Should Submit	Notes
◆Application form for those exempted from the Entrance Examination Fee	Exemption Applicants only	<ul> <li>Those who wish to apply for an exemption of the entrance examination fees under either (a) or (b) need not make the fee payment.</li> <li>(a) Those applying for fee exemption due to damage caused by the earthquake, wind, or flood should submit an "Application form for exemption of entrance examination fee." See Section VIII "Entrance Examination Fee Exemption" on page 47 for more information.</li> <li>(b) Government-financed international students who intend to apply for an extension of the scholarship payment period will be exempted from the entrance examination fee upon designated application. Please contact the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>
Envelope for the submission of application documents	Everyone	<ul> <li>Please prepare a commercially available Kaku 2 envelope (240mm × 332mm).</li> </ul>
◇Address sheet for submitting the application documents	Everyone	<ul> <li>Print out the address sheet in color from the online application site and attach it to the front side of the "Envelope for the submission of application documents."</li> <li>Please send it via registered express mail (kakitome/sokutatsu mail).</li> </ul>

• The photograph to be uploaded to the online application page should be a clear, front-facing, upper-body picture without a hat, on a plain background, and must be taken within three months prior to the application. The photo ratio should be 4 × 3, and the file size should not exceed 2MB.

#### (5) Method of Screening

Applicants will be selected based on the results of the Achievement Test (Foreign Language (English) and Specialization Subjects), the Oral Examination, and Transcripts considered together.

Examination	Notes	
Subject	INOLES	
Foreign Language (English)	TOEIC® L&R or TOEFL® scores will be converted.	
Specialization Subjects	Please refer to the "List of General Screening Specialization Subjects" below.	
Oral Examination	Oral examination will be conducted by each Program.	

Japanese and foreign government-sponsored students and JICA students are exempt from the Achievement Test (Specialization Subjects and Foreign Language (English)).

## List of General Screening Specialization Subjects

 $\bigcirc$ : Compulsory Subjects  $\triangle$ : Elective Subjects (reported at the time of application)  $\bigstar$ : Elective Subjects (selected at the time of the examination)

Major	Graduate Program	Number of Subjects	Specialization Subject
	Community Design Studies	1	© Community Design Studies
	Agricultural and Rural Economics	2	<ul> <li>Specialization Subjects in the field of education and research for which you are applying (see page 42)</li> <li>△ Specialization Subjects other than the field of education and research for which you are applying (see page 42) the specializations under the Graduate Program in Agricultural and Rural Economics</li> </ul>
			<ul> <li>Fundamentals of Architecture</li> <li>Specialization Subjects in the field of education and research for which you are applying (see page 42)</li> </ul>
e sign	Architecture and Building Engineering	2	<b>**</b> The Graduate Program in Architecture and Building Engineering allows you to bring a calculator. However, calculators of electronic devices such as mobile phones and smartphones are not allowed.
ocial D		2	<ul> <li>Fundamentals of Civil Engineering</li> <li>We Questions on mechanics and mathematics.</li> </ul>
Division of Soc	Civil Engineering		<ul> <li>General Civil Engineering</li> <li>※ Questions will be asked from the following six fields. Select three fields to answer at the time of the examination.</li> <li><u>Structures, Hydraulics, Soil, Planning,</u> <u>Materials, Management (Project</u> <u>Management/Disaster Prevention Management)</u></li> </ul>
	Irrigation, Drainage and Rural Engineering	1	© Specialization Subjects in the field of education and research for which you are applying (see page 43)
	Global and Area Studies	1	© Global and Area Studies (Essay)
	Multicultural Studies	1	<ul> <li>Multicultural Studies</li> <li>Questions will be asked from the following four fields. Select one field to answer at the time of the examination.</li> <li><u>Thought, Art and History, Culture and</u></li> <li><u>Comparative Culture, Literature and</u></li> <li><u>Comparative Literature, Society, Psychology,</u></li> <li><u>Educational, Language and Communication</u></li> </ul>
	Studies on Community and Human Development	2	<ul> <li>Community and Human Development (Essay).</li> <li>Specialization Subjects in the field of education and research for which you are applying (see page 43)</li> </ul>

Major	Graduate Program	Number of Subjects	Specialization Subject
	Optical Engineering 2		<ul> <li>Geometrical Optics</li> <li>Specialization Subjects in the field of education and research for which you are applying (see page 44)</li> <li>* Those who wish to enter the educational and research fields Human Informatics, Kansei Engineering, or Perceptual Information Processing should report one selected subject at the time of application.</li> </ul>
	Molecular Agriculture	1	◎ Molecular Agriculture
Division of Engineering and Agriculture	Material and Environmental Chemistry	1	<ul> <li>O"Inorganic Chemistry, Analytical Chemistry, Organic Chemistry ,Chemical Engineering, Physical Chemistry, in general</li> <li>**The Graduate Program in Material and Environmental Chemistry allows you to bring a calculator. However, calculators of electronic devices such as mobile phones and smartphones are not allowed.</li> </ul>
eering and	Agricultural Biological Chemistry	1	© Specialization Subjects in the field of education and research for which you are applying (see page 44)
on of Engin	Mechanical and Intelligent Engineering	2	★ Select two subjects from Material Mechanics and Material Mechanical Studies, Heat and Flow, Mechanics and Control, and Mechatronics.
Divisio	Information, Electrical and Electronic Systems Engineering	2	<ul> <li>≪ A. Those applying for the educational and research fields of Electromagnetic Energy Engineering, Electronic Physics Engineering, Information and Communication Systems Engineering,</li> <li>◎ Electromagnetism</li> <li>◎ Electrical Circuits</li> <li>≪ B. Those who intend to apply for educational and research fields other than those listed in A.</li> <li>△ Select two subjects from Linear Algebra, Calculus, Discrete Mathematics, Computer Systems, and Data Structures and Algorithms</li> <li>※ Please report the two subjects selected at the time of the application.</li> </ul>
	Agricultural and Environmental Sciences	1	© Specialization Subjects in the field of education and research for which you are applying (see page 45)
	Forest Production and Conservation	1	© Specialization Subjects in the field of education and research for which you are applying (see page 45)

#### (6) Examination Dates and Venue

#### **\* Examination venue vary depending the Graduate Program you apply to**

Graduate Program	Examination Date	Examination Time	Examination Type	Examination Venue
Community Design Studies	Friday, August 23,	From 10:30 to 11:30 a.m.	Specialization Subjects	
	2024	1:00 p.m.	Oral examination	
Material and Environmental	Friday, August 23,	From 9:30 to 11:30 a.m.	Specialization Subjects	
Chemistry	2024	1:00 p.m.	Oral examination	
Architecture and Building Engineering Civil Engineering Optical Engineering Mechanical and Intelligent	Friday, August 23,	From 9:30 to 11:30 a.m.	Specialization Subjects XAnswer two subjects in 120 minutes, without a break	Yoto Campus
Engineering Information, Electrical and Electronic Systems Engineering	zineering 2024 crmation, Electrical and ctronic Systems		Oral examination	
Irrigation, Drainage and Rural Engineering		From 9:30 to 10:30 a.m.	Specialization Subjects	
Molecular Agriculture Agricultural Biological chemistry Agricultural and Environmental Sciences Forest Production and Conservation	Friday, August 23, 2024	1:00 p.m.	Oral examination	
Global and Area Studies	Friday, August 23,	From 10:30 to 11:30 a.m.	Specialization Subjects	<u>Mine Campus</u>
Multicultural Studies	2024	1:00 p.m.	Oral examination	
Agriculture and Rural economics Studies on Community and	Friday, August 23, 2024	From 9:30 to 11:30 a.m.	Specialization Subjects XAnswer two subjects in 120 minutes, without a break	
Human Development		1:00 p.m.	Oral examination	

\* Bring your examination ticket on the day of the examination.

% You will be informed of the assembly site on the day of the examination after the Examination Ticket notification (via email). Please arrive at the assembly site at the designated time (30 minutes before the start of the examination) and complete the registration. If you are not able to arrive by the specified time, as a general rule, you will be allowed to take the examination up to 30 minutes after the start of the examination, but you will not receive a time extension.

#### (7) Precautions

① If you have made an application based on the expectation of graduation or completion of a course under Application Requirements ①, ②, ③, ④, ⑤, or ⑥, but do not graduate or complete the course by the time of enrollment or have not been awarded a bachelor's degree, your acceptance shall be revoked. Applicants will be required to submit a certificate of verification during the enrollment procedure.

<sup>(2)</sup> For inquiries about the major and Graduate Program, if you do not know how to contact the research supervisor of their choice, please check page 63 "XVII. Contact Information for each Graduate Program" and contact by email.

## **3.** Special Screening for Applicants with Full-Time Employment (Conducted in all majors and Graduate Programs)

#### (1) Application Requirements

Individuals to whom any of the following criteria apply.

- $(\ensuremath{\underline{1}})$  Those who have graduated from a university
- ② Those who have received or are expected to receive a bachelor's degree by the time of enrollment from the National Institution for Academic Degrees and Quality Enhancement of Higher Education (formerly the National Institution for Academic Degrees and University Evaluation) in accordance with the provisions of Article 104, Paragraph 7 of the School Education Law.
- ③ Those who have completed or are expected to complete 16 years of school education in a foreign country by the time of enrollment.
- ④ Those who have completed or are expected to complete 16 years of school education from a foreign country by completing correspondence courses offered by a foreign school in Japan by the time of enrollment.
- (5) Those who by the time of enrollment at an educational institution in Japan, have completed or are expected to complete a course (only for those who are deemed to have completed 16 years of school education in the foreign country) from a foreign university in the school education system of the foreign country that is separately designated by the Minister of Education, Culture, Sports, Science and Technology.
- (6) Those who have completed or are expected to complete by the time of enrollment specialized training at a vocational school (limited to courses with a period of study of four years or more, and meet the standards specified by the Minister of Education, Culture, Sports, Science and Technology) that is separately designated by the Minister of Education, Culture, Sports, Science and Technology on or after being so specified by the Minister of Education, Culture, Sports, Science and Technology.
- ⑦ Those who have been designated by the Minister of Education, Culture, Sports, Science and Technology (Ordinance of the Ministry of Education No. 5 of 1953)
- (8) Those who have studied at a university for three or more years, who have completed 15 years of school education in a foreign country, those who have completed 15 years of school education in a foreign country by taking correspondence courses offered in Japan or by a foreign school in Japan, those who have completed a course at a foreign school in Japan, who are at an educational facility positioned in the school education system of a foreign country (only for those considered to have completed 15 years of school education in the foreign country), and have completed a course designated separately by the Minister of Education, Culture, Sports, Science and Technology, and who have been recognized by the Graduate School of Regional Development and Creativity as having obtained the prescribed credits with excellent results.
- (9) Those who have been enrolled in the graduate school of another university pursuant to the provisions of Article 102, Paragraph (2) of the School Education Law and have been found by the Graduate School of Regional Development and Creativity to possess sufficient academic ability to receive education at a graduate school.
- ① Those recognized by the Graduate School of Regional Development and Creativity as having academic skills equivalent or superior to someone who has graduated from a university-based on an individual application screening, and shall have reached 22 years of age by the time of enrollment.
- \* "Full-Time Employment" under Special Screening for Applicants with Full-Time Employment is defined as at least one year of working experience after graduation from a university before entering a graduate school, or at least five years of working experience after completing compulsory education (including the period of

employment during higher school, university, etc.). The period of employment includes the period of time when the applicant was engaged in household work.

\* Those who wish to apply for Special Screening for Applicants with Full-Time Employment and will continue to work after enrollment will be subject to the special measures for educational methods as stipulated in Article 14 of the Graduate School Establishment Standards. For details, refer to page 64.

#### (2) Application Requirements Screening

Those who intend to apply under Application Requirements (6), should contact the Admission Division for the Education and Student Affairs Department by Thursday, June 20, 2024.

Those who intend to apply under Application Requirements (8), (9) or (10) should contact the Admission Division for the Education and Student Affairs Department as soon as possible and complete the procedures for the individual admissions screening of Application Requirements by Thursday, June 20, 2024.No applications will be accepted after the deadline.

#### (3) Prior Contact and Consultation with the Research Supervisor of their choice before Application

<u>Before applying, please check the "XVIII: List of Faculty Members " on page 64, and be sure to contact</u> the research supervisor in advance and consult your research topic and content after admission.

Advance consultation are limited to matters related to research activities and the curriculum after enrollment. We cannot answer questions related to entrance examination such as questions about past examination questions. We cannot answer questions the answers to the entrance examination questions.

#### (4) Application Documents

For documents marked  $\diamondsuit$ , please print out from the online application site after registering for the online application. For documents marked  $\blacklozenge$ , please download forms from the university's website (Admissions Information).

<https://www.utsunomiya-u.ac.jp/admission/examination.php>

For documents marked \*, please download from the university's website (Graduate School Admissions).

<https://www.utsunomiya-u.ac.jp/admission/graduate.php>

- Except for the original TOEIC® Listening & Reading Test (TOEIC® L&R Official Score Certificate and the original TOEIC® L&R IP Individual Score Report), documents received will not be returned for any reason.
- If the application is in a language other than Japanese and English, the applicant may be required to submit a translation.
- No changes may be made to the contents of the accepted documents. In addition, if there is a change to your address, contact location, or telephone number, please contact the Admission Division for the Education and Student Affairs Department without delay.
- If it is found that the items stated in the submitted documents are erroneous, your admission will be canceled.
- The entrance examination fee shall not be refunded for any reason after receipt of the application documents.

Application Documents	Who Should Submit	Notes
	Everyone	• Please print on both sides of A4 size paper from the online application site.
*Research Plan	Everyone	<ul> <li>Based on this predetermined form, prepare in the order of 2000 in Japanese or about 1000 words in English.</li> </ul>
*the summary of the applicant's activities	Everyone	• Please submit a research plan in Japanese (about 1,200 characters) or English (about 550 words)

Application Documents	Who Should Submit	Notes		
during the period of working experience		using the format specified by the University.		
Certificate of Graduation	Everyone	<ul> <li>Please submit a document issued by the president or head of the previous school</li> <li>Individuals graduating from a university in a country or territory where graduation certificates are not issued, please consult with the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>		
Transcript	Everyone	<ul> <li>Please submit a transcript issued and sealed by the president or head of the previous school</li> <li>Individuals graduating from universities in a country or territory where transcripts are not issued should consult with the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>		
TOEIC, TOEFL Certifications	All international students (excluding Japanese government-sponsored students, foreign government-sponsored students, and JICA students)	• Please submit the score sheet specified by the university under "IV. Foreign Language Examination" on page 41.		
Degree Certificates	Those who fall under ② of (1) Application Requirement	<ul> <li>Issued by the National Institution for Academic Degrees and Quality Enhancement of Higher Education</li> </ul>		
Certificates for Japanese government-sponsored students, foreign government-sponsored students, and JICA students	Japanese government- sponsored students (Research Students only), foreign government- sponsored students, and JICA students	<ul> <li>If you apply under this category, you will be exempt from the Achievement Test (Foreign Language (English)) on submitting application documents for verification, so consult with the Admission Division for the Education and Student Affairs Department about the certificates to be submitted before applying.</li> </ul>		
Resident's card	Only for foreign nationals living in Japan	<ul> <li>Please submit the document with information that contains the status of residence and period of stay issued by the mayor of the city, town, or village of residence, but not the "My Number (individual ID number)"</li> <li>Those who are currently enrolled in the university (including non-degree students and research students) are not required to submit their certificate of residence. They may instead submit a copy of their student ID.</li> <li>Those who are not living in Japan, please consult the Admission Division for the Education and</li> </ul>		

Application Documents	Who Should Submit	Notes		
		Student Affairs Department before applying.		
◆Application form for those exempted from the Entrance Examination Fee	Exemption Applicants only	Those who wish to apply for an exemption of the entrance examination fees under either (a) or (b) need not make the fee payment. (a) Those applying for fee exemption due to the damage caused by the earthquake, wind, or floods should submit an "Application form for exemption of entrance examination fee." See Section VIII "Entrance Examination Fee Exemption" on page 47 for more information. (b) Government-financed international students who intend to apply for an extension of the scholarship payment period will be exempted from the examination fee upon designated application. Please contact the Admission Division for the Education and Student Affairs Department before applying.		
Envelopes for the submission of application documents	Everyone	• Please prepare a commercially available Kaku 2 envelope (240mm × 332mm).		
◇Address sheet for submitting application documents	Everyone	<ul> <li>Print out the address sheet in color from the online application site and attach it to the front side of the "Envelope for the submission of application documents."</li> <li>Please send it via registered express mail (kakitome/sokutatsu mail).</li> </ul>		

• The photograph to be uploaded to the online application page should be a clear, front-facing, upper-body picture without a hat, on a plain background, and must be taken within three months prior to the application. The photo ratio should be 4 × 3, and the file size should not exceed 2MB.

#### (5) Method of Screening

Applicants will be selected based on the results of the Achievement Test (Foreign Language (English)), Oral Examination results, Research Plan, the summary of the applicant's activities during the period of working experience, and Transcripts considered together.

Examination Subject	Notes
Foreign Language (English)	TOEIC® L&R or TOEFL® scores will be converted.
Oral examination	The oral examination will be conducted including the contents of the Research Plan and the summary of the applicant's activities during the period of employment.

Japanese and foreign government-sponsored students and JICA students are exempt from the Achievement Test (Foreign Language (English)).

#### (6) Examination Dates and Venue

#### **※** Examination venue vary depending the Graduate Program you apply to

Graduate Program	Examination Date	Examination Time	Examination Type	Examination Venue
Community Design Studies Architecture and Building Engineering Civil Engineering Optical Engineering Material and Environmental Chemistry Mechanical and Intelligent Engineering Information, Electrical and Electronic Systems Engineering	Friday, August 23, 2024	1:00 p.m.	Oral examination	Yoto Campus
Agriculture and Rural Economics Irrigation, Drainage and Rural Engineering Global and Area Studies Multicultural Studies Studies on Communities and Human Development Molecular Agriculture Agricultural Biological Chemistry Agricultural and Environmental Sciences Forest Production and Conservation	Friday, August 23, 2024	1:00 p.m.	Oral examination	<u>Mine Campus</u>

※ You will be informed of the assembly site on the day of the examination after the examination ticket notification (via email). Please arrive at the assembly site at the designated time (30 minutes before the start of the examination) and complete registration. If you are not able to arrive by the specified time, as a general rule, you will be allowed to take the examination up to 30 minutes after the start of the examination, but you will not receive a time extension.

#### (7) Precautions

For inquiries about the major and Graduate Program, if you do not know how to contact the research supervisor of their choice, please check page 63, "XVII. Contact Information for Graduate Program," and contact by email.

## 4. Special Screening for International Students

## (Conducted in all majors and Graduate Programs)

### (1) Application Requirements

Individuals who are not Japanese nationals and to whom any of the following criteria apply

- ① Those who have or are expected to complete 16 years of school education in a foreign country by the time of enrollment.
- ② Those who have or are expected to complete 16 years of school education in a foreign country by completing correspondence courses offered by a school in a foreign country by the time of enrollment.
- ③ Those who by the time of enrollment at an educational institution in Japan, have completed or are expected to complete a course (only for those who are deemed to have completed 16 years of school education in the foreign country) from a foreign university in the school education system of the foreign country, separately designated by the Minister of Education, Culture, Sports, Science and Technology.
- (4) Those who have completed 15 years of school education in a foreign country, those who have completed 15 years of school education in a foreign country by taking correspondence courses offered by a foreign school in Japan, those who have completed a course at a foreign school in Japan at an educational facility positioned in the school education system of a foreign country (only for those considered to have completed 15 years of school education in the foreign country), have completed a course designated by the Minister of Education, Culture, Sports, Science and Technology, and have been recognized by the Graduate School of Regional Development and Creativity as having obtained the prescribed credits with excellent results
- (5) Those recognized by the Graduate School of Regional Development and Creativity as having academic skills equivalent or superior to someone who has graduated from a university-based on an individual application screening, and shall have reached 22 years of age by the time of enrollment.
- % Individuals who are likely to graduate or have graduated from a Japanese university and those who are likely to complete or have completed a specialized training at a vocational school are not permitted to apply under the Special Screening for International Students.

#### (2) Application Requirements Screening

Those who have been awarded bachelor's degrees under the Self-Taught Higher Education Examinations of the People's Republic of China, please contact the Admission Division for the Education and Student Affairs Department by Thursday, June 20, 2024.

Those who intend to apply under Application Requirements ④ or ⑤ should contact the Admission Division for the Education and Student Affairs Department as soon as possible and complete the Application Requirements for individual admissions screening by Thursday, June 20, 2024. No applications will be accepted after this deadline.

#### (3) Prior Contact and Consultation with the Research Supervisor of their choice before Application

Before applying, please check the "XVIII: List of Faculty Members " on page 64, and be sure to contact the research supervisor in advance and consult your research topic and content after admission.

Advance consultation are limited to matters related to research activities and the curriculum after enrollment. We cannot answer questions related to entrance examination such as questions about past examination questions. We cannot answer questions the answers to the entrance examination questions.

For past entrance examination questions, please refer to page 48 " IX: Past entrance examination questions."

#### (4) Application Documents

For documents marked  $\diamondsuit$ , please print out from the online application site after registering for the online application. For documents marked  $\blacklozenge$ , please download forms from the university's website (Admissions Information).

<https://www.utsunomiya-u.ac.jp/admission/examination.php>

- For documents marked \*, please download from the university's website (Graduate School Admissions).
  - <https://www.utsunomiya-u.ac.jp/admission/graduate.php>
  - Except for the original TOEIC® Listening & Reading Test (TOEIC® L&R Official Score Certificate and the original TOEIC® L&R IP Individual Score Report), documents received will not be returned for any reason.
  - If the application is in a language other than Japanese and English, the applicant may be required to submit a translation.
  - No changes may be made to the contents of the accepted documents. In addition, if there is a change to your address, contact location, or telephone number, please contact the Admission Division for the Education and Student Affairs Department without delay.
  - If it is found that the items stated in the submitted documents are erroneous, your admission will be canceled.
  - The entrance examination fee shall not be refunded for any reason after receipt of the application documents.

Application Documents	Who Should Submit	Notes
	Everyone	• Please print on both sides of the A4 size paper from the online application site.
*Research Plan	Applicants to the Graduate Programs in Community Design Studies, Global and Area Studies, and Multicultural Studies.	• Please submit a research plan in Japanese (about 1,000 characters) or English (about 500 words) using the format specified by the University.
Certificate of (Expected) Graduation	Everyone	<ul> <li>Please submit a document issued by the president or head of the previous school</li> <li>Individuals graduating from a university in a country or territory where graduation certificates are not issued, please consult with the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>
Transcript Everyone		<ul> <li>Please submit a transcript issued and sealed by the president or head of the previous school</li> <li>Individuals graduating from universities in a country or territory where transcripts are not issued should consult with the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>
Documents related to foreign language (English or Japanese) proficiency testing	All international students (excluding Japanese government-sponsored students, foreign government-sponsored students, and JICA	<ul> <li>Please submit the score sheet specified by the university under "IV. Foreign Language Examination" on page 41.</li> </ul>

Application Documents	Who Should Submit	Notes
	students)	
Certificates for Japanese government- sponsored students, foreign government- sponsored students, and JICA students	Japanese government- sponsored students (Research Students only), foreign government- sponsored students, and JICA students	<ul> <li>If you apply under this category, you will be exempt from the Achievement Test (Foreign Language (English) and Specialization Subjects) on submitting application documents for verification, so consult with the Admission Division for the Education and Student Affairs Department about the certificates to be submitted before applying.</li> </ul>
Resident's card	Everyone	<ul> <li>Please submit the document with information that contains the status of residence and period of stay issued by the mayor of the city, town, or village of residence, but not the "My Number (individual ID number)"</li> <li>Those who are currently enrolled in the university (including non-degree students and research students) are not required to submit their certificate of residence. They may instead submit a copy of their student ID.</li> <li>Those who are not living in Japan, please consult the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>
◆Application form for those exempted from the Entrance Examination Fee	Exemption Applicants only	<ul> <li>Those who wish to apply for an exemption of the entrance examination fees under either (a) or (b) need not make the fee payment.</li> <li>(a) Those applying for fee exemption due to damage caused by the earthquake, wind, or flood should submit an "Application form for exemption of entrance examination fee." See Section VIII "Entrance Examination Fee Exemption" on page 47 for more information.</li> <li>(b) Government-financed international students who intend to apply for an extension of the scholarship payment period will be exempted from the entrance examination fee upon designated application. Please contact the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>
Envelope for the submission of application documents	Everyone	<ul> <li>Please prepare a commercially available Kaku 2 envelope (240mm × 332mm).</li> </ul>
◇Address sheet for submitting the application documents	Everyone	<ul> <li>Print out the address sheet in color from the online application site and attach it to the front side of the "Envelope for the submission of application documents."</li> <li>Please send it via registered express mail (kakitome/sokutatsu mail).</li> </ul>

• The photograph to be uploaded to the online application page should be a clear, front-facing, upper-body picture without a hat, on a plain background, and must be taken within three months prior to the application. The photo ratio should be 4 × 3, and the file size should not exceed 2MB.

## (5) Method of Screening

Applicants will be selected based on the results of the Achievement Test (Foreign Language (English) and Specialization Subjects), the Oral Examination, and Transcripts considered together.

Examination Subject	Notes		
Foreign language	Convert English (TOEIC® L&R or TOEFL®) or Japanese (EJU or JLPT) scores.		
	Please check the following Specialization Subjects List for Special Screening for International Students		
	* The following degree programs allow applicants to bring Japanese dictionaries in their native language (excluding electronic dictionaries and translators) during the examination for the Specialization Subjects.		
	Major	Graduate Program	
Specialization Subjects	Division of Social Design	Community Design Studies Agricultural and Rural Economics Architecture and Building Engineering Civil Engineering Irrigation, Drainage and Rural Engineering Multicultural Studies Studies on Community and Human Development Studies	
	Division of Engineering and Agriculture	All Graduate Programs	
Oral examination	Oral examination will be conducted by each Program.		

Japanese government-sponsored students, foreign government-sponsored students, and JICA students are exempt from the Achievement Test (Specialization Subjects and Foreign Language (English)).

# List of Specialization Subjects for Special Screening for International Students

 $\bigcirc$ : Compulsory Subjects  $\triangle$ : Elective Subjects (reported at the time of application)  $\bigstar$ : Elective Subjects (selected at the time of the examination)

Major	Graduate Program	Number of subjects	Specialization Subject
	Community Design Studies	1	◎ Community Design Studies
	Agricultural and Rural Economics	2	<ul> <li>Specialization Subjects in the field of education and research for which you are applying (see page 42)</li> <li>△ Specialization Subjects other than the field of education and research for which you are applying (see page 42); the specializations under the Graduate Program in Agricultural and Rural Economics</li> </ul>
s i g n	Architecture and Building Engineering	1	<ul> <li>Specialization Subjects in the field of education and research for which you are applying (see page 42)</li> <li><b>※ The Graduate Program in Architecture and Building Engineering allows you to bring a calculator. However, calculators of electronic devices such as mobile phones and smartphones are not allowed.</b></li> </ul>
Division of Social De	Civil Engineering	2	<ul> <li>Fundamentals of Civil Engineering ※ Questions on <u>mechanics</u> and <u>mathematics</u>.</li> <li>General Civil Engineering ※ Questions will be asked from the following six fields. Select three fields to answer at the time of the examination. <u>Structures, Hydraulics, Soil, Planning, Materials,</u> <u>Management (Project Management/Disaster</u> <u>Prevention Management)</u> </li> </ul>
Di	Irrigation, Drainage and Rural Engineering	1	© Specialization Subjects in the field of education and research for which you are applying (see page 43)
	Global and Area Studies	1	© Global and Area Studies (Essay)
	Multicultural Studies	1	<ul> <li>Multicultural Studies</li> <li>Questions will be asked from the following four fields. Select one field to answer at the time of the examination.</li> <li><u>Thought, Art and History, Culture and Comparative Culture, Literature and Comparative Literature, Society, Psychology, Educational, Language and <u>Communication</u></u></li> </ul>
	Studies on Community and Human Development	2	<ul> <li>Community and Human Development (Essay)</li> <li>Specialization Subjects in the field of education and research for which you are applying (see page 43)</li> </ul>

Major	Graduate Program	Number of subjects	Specialization Subject
	Optical Engineering	2	<ul> <li>Geometric Optics</li> <li>Specialization Subjects in the field of education and research for which you are applying (see page 44)</li> <li>Those who wish to enter the educational and research fields Human Informatics, Kansei Engineering, or Perceptual Information Processing should report one selected subject at the time of application.</li> </ul>
	Molecular Agriculture	1	◎ Molecular Agriculture
Division of Engineering and Agriculture	Material and Environmental Chemistry	1	<ul> <li>"Inorganic Chemistry, Analytical Chemistry, Organic Chemistry ,Chemical Engineering, Physical Chemistry, in general</li> <li>** The Graduate Program in Material and Environmental Chemistry allows you to bring a calculator. However, calculators of electronic devices such as mobile phones and smartphones are not allowed.</li> </ul>
cering an	Agricultural Biological Chemistry	1	Specialization Subjects in the field of education and research for which you are applying (see page 44)
n of Engine	Mechanical and Intelligent Engineering	2	★ Select two subjects from Material Mechanics and Material Mechanical Studies, Heat and Flow, Mechanics and Control, and Mechatronics.
Divisio	Information, Electrical and Electronic Systems Engineering	2	<ul> <li>≪ A. Those applying for the educational and research fields of Electromagnetic Energy Engineering, Electronic Physics Engineering, Information and Communication Systems Engineering,</li> <li>◎ Electromagnetism</li> <li>◎ Electrical Circuits</li> <li>≪ B. Those who are applying for educational and research fields other than those listed in A.</li> <li>△ Select two subjects from Linear Algebra, Calculus, Discrete Mathematics, Computer Systems, and Data Structures and Algorithms</li> <li>※ Please report the two subjects selected at the time of the application.</li> </ul>
	Agricultural and Environmental Sciences	1	Specialization Subjects in the field of education and research for which you are applying (see page 45)
	Forest Production and Conservation	1	Specialization Subjects in the field of education and research for which you are applying (see page 45)

#### (6) Examination Dates and Venue

#### **\*** Examination venue vary depending the Graduate Program you apply to

Graduate Program	Examination Date	Examination Time	Examination Type	Examination Venue
Architecture and Building Engineering	Friday, August 23,	From 9:30 to 10:30 a.m.	Specialized Subject	
	2024	1:00 p.m.	Oral examination	
Community Design Studies	Friday, August 23,	From 10:30 to 11:30 a.m.	Specialized Subject	
, ,	2024	1:00 p.m.	Oral examination	
Material and Environmental	Friday, August 23,	From 9:30 to 11:30 a.m.	Specialized Subject	Yoto Campus
Chemistry	2024	1:00 p.m.	Oral examination	
Civil Engineering Optical Engineering			Specialized Subject	
Mechanical and Intelligent	Friday, August 23, 2024	From 9:30 to , 11:30 a.m.	**Answer two subjects in 120 minutes, without a break	
Electronic Systems Engineering		1:00 p.m.	Oral examination	
Irrigation, Drainage and Rural Engineering Molecular Agriculture	From 9:30 to 10:30 a.m.	Specialization Subjects		
Agricultural Biological chemistry Agricultural and Environmental Sciences Forest Production and Conservation	Friday, August 23, 2024	1:00 p.m.	Oral examination	
Global and Area Studies	Friday, August 23,	From 10:30 to 11:30 a.m.	Specialized Subject	<u>Mine Campus</u>
Multicultural Studies	2024	1:00 p.m.	Oral examination	
Agriculture and Rural economics Studies on Community and Human Development	Friday, August 23, 2024	From 9:30 to 11:30 a.m.	Specialization Subjects XAnswer two subjects in 120 minutes, without a break	
Tanian Development		1:00 p.m.	Oral examination	

※ You will be informed of the assembly site on the day of the examination after the examination ticket notification (via email). Please arrive at the assembly site at the designated time (30 minutes before the start of the examination) and complete the registration. If you are not able to arrive by the specified time, as a general rule, you will be allowed to take the examination up to 30 minutes after the start of the examination, but you will not receive a time extension.

#### (7) Precautions

- ① If you have made an application based on the expectation of graduation or completion of a course under Application Requirements ①, ②, or ③, but do not graduate or complete the course by the time of enrollment, your acceptance shall be revoked. Applicants will be required to submit a certificate of verification during the enrollment procedure.
- <sup>(2)</sup> For inquiries about the major and Graduate Programs, if you do not know how to contact the research supervisor of their choice, please check page 63 "XVII. Contact Information for each Graduate Program" and contact by email.

## 5. Special Screening for Experienced Persons in International Exchange/Cooperation

#### (Conducted by the Graduate Program in Global and Area Studies and the Graduate Program in Multicultural Studies)

#### (1) Application Requirements

As of March 31, 2025 (September 30, 2024 for October enrollment), applicants should have at least one year of experience in international exchange and cooperation activities (conducted by the Japan Overseas Cooperation Volunteers, NGO, NPOs) and meet any of the following criteria.

- ① Those who have graduated or are expected to graduate from a university by the time of enrollment.
- ② Those who have received or are expected to receive a bachelor's degree by the time of admission from the National Institution for Academic Degrees and Quality Enhancement of Higher Education (formerly the National Institution for Academic Degrees and University Evaluation) in accordance with the provisions of Article 104, Paragraph 7 of the School Education Law.
- ③ Those who have completed or are expected to complete 16 years of school education in a foreign country by the time of enrollment.
- (4) Those who have completed or are expected to complete 16 years of school education from a foreign country by completing correspondence courses offered by a foreign school in Japan by the time of enrollment.
- (5) Those who by the time of enrollment at an educational institution in Japan have completed or are expected to complete a course (only for those who are deemed to have completed 16 years of school education in the foreign country) from a foreign university in the school education system of the foreign country, separately designated by the Minister of Education, Culture, Sports, Science and Technology.
- (6) Those who have completed or are expected to complete by the time of enrollment, specialized training at a vocational school (limited to courses with a period of study of four years or more, and meeting the standards specified by the Minister of Education, Culture, Sports, Science and Technology) separately designated by the Minister of Education, Culture, Sports, Science and Technology on or after being specified by the Minister of Education, Culture, Sports, Science and Technology.
- ⑦ Those who have been designated by the Minister of Education, Culture, Sports, Science and Technology (Ordinance of the Ministry of Education No. 5 of 1953)
- (8) Those who have studied at a university for 3 or more years, who have completed 15 years of school education in a foreign country, those who have completed 15 years of school education in a foreign country by taking correspondence courses offered in Japan or by a foreign school in Japan, those who have completed a course at a foreign school in Japan, who are at an educational facility positioned in the school education system of a foreign country (only for those considered to have completed 15 years of school education in the foreign country), and have completed a course designated separately by the Minister of Education, Culture, Sports, Science and Technology, and have been recognized by the Graduate School of Regional Development and Creativity as having obtained the prescribed credits with excellent results.
- (9) Those who have been enrolled in a graduate school of another university pursuant to the provisions of Article 102, Paragraph (2) of the School Education Law and have been found by the Graduate School of Regional Development and Creativity to possess sufficient academic ability to receive education at a graduate school.
- ① Those recognized by the Graduate School of Regional Development and Creativity as having academic skills equivalent or superior to someone who has graduated from a university-based on an individual application screening, and shall have reached 22 years of age by the time of enrollment.

#### (2) Application Requirements Screening

Those who intend to apply under application requirement <sup>(6)</sup> should contact the Admission Division for the Education and Student Affairs Department by Thursday, June 20, 2024.

Those who intend to apply under application requirements (8), (9), or (10) should contact the Admission Division for the Education and Student Affairs Department as soon as possible and complete the procedures for individual admissions screening by Thursday, Thursday, June 20, 2024. No applications shall be accepted after the deadline.

(3) Prior Contact and Consultation with the Research Supervisor of their choice before Application
<u>Before applying, please check the "XVIII: List of Faculty Members " on page 64, and be sure to contact</u>

the research supervisor in advance and consult your research topic and content after admission.

<u>Advance consultation are limited to matters related to research activities and the curriculum after</u> <u>enrollment. We cannot answer questions related to entrance examination such as questions about past</u> <u>examination questions.We cannot answer questions the answers to the entrance examination questions.</u>

## (4) Application Documents

For documents marked  $\diamondsuit$ , please print out from the online application site after registering for the online application.

For documents marked  $\blacklozenge$ , please download forms from the university's website (Admissions Information). <a href="https://www.utsunomiya-u.ac.jp/admission/examination.php">https://www.utsunomiya-u.ac.jp/admission/examination.php</a>

For documents marked \*, please download from the university's website (Graduate School Admissions).

<https://www.utsunomiya-u.ac.jp/admission/graduate.php>

- Except for the original TOEIC® Listening & Reading Test (TOEIC® L&R Official Score Certificate and the original TOEIC® L&R IP Individual Score Report), documents received will not be returned for any reason.
- If the application is in a language other than Japanese and English, the applicant may be required to submit a translation.
- No changes may be made to the contents of the accepted documents. In addition, if there is a change to your address, contact location, or telephone number, please contact the Admission Division for the Education and Student Affairs Department without delay.
- If it is found that the items stated in the submitted documents are erroneous, your admission will be canceled.

The entrance examination fee shall not be refunded for any reason after receipt of the application documents.			
Application Documents	Who Should Submit	Notes	
◇Application Form	Everyone	• Please print on both sides of the A4 size paper from the online application site.	
* Research Plan	Everyone	• Please submit a research plan in Japanese (about 1,000 characters) or English (about 500 words) using the format specified by the University.	
* Summary of International Exchange/Cooperation	Everyone	• Please submit the university-prescribed form in Japanese (about 1,000 characters) or English (about 500 words).	
Certificate of (Expected) Graduation	Everyone	<ul> <li>Please submit a document issued by the president or head of the previous school</li> <li>Individuals graduating from a university in a country or territory where graduation certificates are not issued, please consult with the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>	

The entrance examination fee shall not be refunded for any reason after receipt of the application documents.

Application Documents	Who Should Submit	Notes
Transcript	Everyone	<ul> <li>Please submit a transcript issued and sealed by the president or head of the previous school</li> <li>If you are expecting to graduate from Utsunomiya University, you may use a copy printed from the transcript machine, and there is no need to seal your transcript.</li> <li>Individuals graduating from universities in a country or territory where transcripts are not issued should consult with the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>
TOEIC, TOEFL Certifications	All international students (excluding Japanese government- sponsored students, foreign government- sponsored students, and JICA students)	• Please submit the score sheet specified by the university under "IV. Foreign Language Examination" on page 41.
Degree Certificates	(1) Those who fall under Application Requirement ②	<ul> <li>Issued by the National Institution for Academic Degrees and Quality Enhancement of Higher Education</li> <li>If the applicant is expecting the degree to be conferred, please submit an Application for Degree Certificate issued by the head of your previous school in place of the degree certificate.</li> </ul>
Certificates for Japanese government-sponsored students, foreign-government sponsored students, and JICA students	Japanese government- sponsored students (Research Students only), foreign government- sponsored students, and JICA students	• If you apply under this category, you will be exempt from the Achievement Test (Foreign Language (English)) on submitting application documents for verification, so consult with the Admission Division for the Education and Student Affairs Department about the certificates to be submitted before applying.
Resident's card	Only for foreign nationals living in Japan	<ul> <li>Please submit the document with information that contains the status of residence and period of stay issued by the mayor of the city, town, or village of residence, but not the "My Number (individual ID number)"</li> <li>Those who are currently enrolled in the university (including non-degree students and research students) are not required to submit their certificate of residence. They may instead submit a copy of their student ID.</li> <li>Those who are not living in Japan, please consult the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>

Application Documents	Who Should Submit	Notes	
◆ Application form for those exempted from the Entrance Examination Fee	Exemption Applicants only	<ul> <li>Those who wish to apply for an exemption of the entrance examination fees under either (a) or (b) need not make the fee payment.</li> <li>(a) Those applying for fee exemption due to damage caused by the earthquake, wind, or flood should submit an "Application form for the exemption of entrance examination fee." See Section VIII "Entrance Examination Fee Exemption" on page 47 for more information.</li> <li>(b) Government-financed international students who intend to apply for an extension of the scholarship payment period will be exempted from the entrance examination fee upon designated application. Please contact the Admission Division for the Education and Student Affairs Department before applying.</li> </ul>	
Envelopes for the submission of application documents Everyone		<ul> <li>Please prepare a commercially available Kaku 2 envelope (240mm × 332mm).</li> </ul>	
♦ Address sheet for submitting the application documents Everyone		<ul> <li>Print out the address sheet in color from the online application site and attach it to the front side of the "Envelope for the submission of application documents."</li> <li>Please send it via registered express mail (kakitome/sokutatsu mail).</li> </ul>	

• The photograph to be uploaded to the online application page should be a clear, front-facing, upper-body picture without a hat, on a plain background, and must be taken within three months prior to the application. The photo ratio should be 4 × 3, and the file size should not exceed 2MB.

#### (5) Method of Screening

Applicants will be selected based on the results of the Achievement Test (Foreign Language (English)), the Oral Examination, Research Plan, Summary of International Exchange/Cooperation, and Transcripts considered together.

Examination Subject	Notes
Foreign language (English)	TOEIC® L&R or TOEFL® scores will be converted.
Oral examination	The oral examination will be conducted including the contents of the submitted Research Plan and Summary of International Exchange/Cooperation.

Japanese government-sponsored students, foreign government-sponsored students, and JICA students are exempt from the Achievement Test (Foreign Language (English)).

#### (6) Examination Date and Venue

Graduate Program	Examination Date	Examination Time	Examination Type	Examination Venue
Global and Area Studies Multicultural Studies	Friday, August 23, 2024	1:00 p.m.	Oral examination	<u>Mine Campus</u>

% You will be informed of the assembly site on the day of the examination after the examination ticket notification (via email). Please arrive at the assembly site at the designated time (30 minutes before the start of the examination) and complete the registration. If you are not able to arrive by the specified time, as a general rule, you will be allowed to take the examination up to 30 minutes after the start of the examination, but you will not receive a time extension.

## (7) Precautions

- 1. If you have made an application based on the expectation of graduation or completion of a course under Application Requirements ①, ②, ③, ④, ⑤, or ⑥, but do not graduate or complete the course by the time of enrollment, or have not been awarded a bachelor's degree, your acceptance shall be revoked. Applicants will be required to submit a certificate of verification during the enrollment procedure.
- 2. For inquiries about the major and Graduate Program, if you do not know how to contact the research supervisor of their choice, please check page 63, "XVII. Contact Information for each Graduate Program," and contact by email.

# **IV. Foreign Language Examination**

All categories of screening use the score of external foreign language tests without the university conducting its own written examinations. Please submit one of the following score sheets at the time of application.

# **\***③ The Examination for Japanese University Admission (EJU) and ④ the Japanese Language Proficiency Test (JLPT) can be selected only for those applying under Special Screening for International Students.

Language	External Examination Used	Notes
English	①TOEIC® Listening & Reading Test (TOEIC® L&R) (Public test, IP test)	<ul> <li>Please submit the original Official Score Certificate of the TOEIC® L&amp;R, or the original Individual Score Report of the IP-Test (including College TOEIC), which is held at various organizations, conducted after April 2022. Since the IP Test (Online version) does not issue Score Reports, please print out and submit the PDF of your score.</li> <li>TOEIC® S&amp;W test and TOEIC Bridge® scores are not accepted.</li> <li>For Public tests, those conducted from the 292nd session onwards will be valid.</li> <li>The original certificate submitted will be returned after the application is accepted.</li> </ul>
Lugion	②TOEFL iBT®	<ul> <li>Please submit your "Official Score Report" after taking the TOEFL<sup>®</sup> test conducted after April 2022.</li> <li>Please enclose a copy of the Test Taker Score Report or a printout of the Test Taker Score Report PDF with the application. You are responsible for applying to the ETS for the Official Score Report in the US. The Utsunomiya University group code is 7976.</li> <li>※ If the TOEFL iBT<sup>®</sup> "Official Score Report" is used in your application, the Test Date score will be used. (MyBest<sup>TM</sup> scoring will not be used.)</li> </ul>
Japanese (※)	③Japanese Language Proficiency Test (N1 or N2)	<ul> <li>Please submit the test score certificate for the Japanese-Language Proficiency Test from the 1st 2022 Examination or later. The valid certificates are as follows:</li> <li>          [CERTIFICATE OF RESULT AND SCORES]         or          [Certificate of Japanese-Language Proficiency&amp;Test Result(postcard format)]  </li> <li>         The submitted original certificate will be returned after the application is accepted.     </li> </ul>
	④Examination for Japanese University Admissions	<ul> <li>Scores from exams conducted within the past two years from the date of the entrance examination.</li> <li>*Due to the validity period of scores at the Japan Student Services Organization (JASSO), the valid scores for the entrance examination may vary depending on the date of the examination.</li> <li>For the entrance examination scheduled in August [First Term Recruitment], the valid scores are as follows:</li> <li>Second exam of 2022 (November)</li> <li>First exam of 2023 (June)</li> <li>Second exam of 2023 (November)</li> <li>First exam of 2024 (June)</li> </ul>

# V. List of Specialization Subjects by Educational and Research Field (General

# **Screening, Special Screening for International Students)**

This is a list of "Specialization Subjects" specified by Graduate Program and educational research field in General Screening and Special Screening for International Students.

Major	Graduate Program	Field of Education and Research	Specialization Subjects	
		Agriculture Management		
		Agricultural Policy	Agricultural Policy	
	Agricultural and Rural	Food Economics	Agricultural Economics	
	Economics	Environmental Economics	Micro- and Macroeconomics	
		Agricultural Geography, Rural Geography	Agricultural Geography	
a n		International agricultural economics and management	International agricultural economics and management	
) e s i		Architectural Structures		
a 1 D	Architecture and Building Engineering	Building Steel Structures	Architectural Structure	
S o c i		Architectural Planning, Environmental Psychology		
o f		Urban Planning, Architectural Planning	Architectural Planning	
i o n		Architectural Environment, Urban Environment		
Divis		Architectural Environment, Environmental Control	Architectural Environment	
D		Architectural and Urban Environment, Environmental Architecture		
		Building Materials, Structures		
		Building Materials	Building Materials	
		Building Materials, Construction		
		Architectural Theory, Architectural Design, Urban Design		
		Architectural Design	Architectural Design	

Major	Graduate Program	Field of Education and Research	Specialization Subjects
		Agricultural Water Management and Hydrology	Agricultural Water Management and Hydrology
		Soil and Environmental Biophysics	Soil and Environmental Biophysics
	Irrigation Drainage and Rural Engineering	Soil and Water Conservation	Soil and Water Conservation
		Rural Planning	Rural Planning
я		Rural Ecology Engineering	Rural Ecology Engineering
e s 1. 00		Education (Philosophy of Education)	
I D	Studies on Community and Human Development	Developmental Psychology, Cognitive Psychology	Education and Psychology
0 c i a		Sociology of Emotion	Course Education and
f S		Course Education (Social Studies)	Sociology of Education
i o n o		Environmental Education for Living, Clothing Science	Life Sciences
i v i s		Health education, School health	Sports and Health Science
D		Educational Engineering, Information Education	Information and Science
		Science Education, Science Teaching, Learning Sciences	Education
		Music Expression, Music Education	Music
		Arts and Crafts, Urushi Lacquer Art	
		Painting Techniques, Theory and History of Arts	Art

Major	Graduate Program	Field of Education and Research	Specialization Subjects
		Polarization Engineering, Optical metrology, Optomechatronics	
		Information Photonic, Laser Processing, Computational Imaging	
		Plasma Science and Engineering	
		Visualization and Image Processing	
		Photodynamics, Mathematical Optical Physics	Wave Optics
		Optical Science & Engineering, Nano Photonics	
l		Information Photonics	
t u r e	Optical Engineering	Laser Material Processing, Optical Information Processing, Optical metrology	
c u l		Applied Optics	
Agri		Optical Communication Engineering, Polymer Photonics	- Physical Optics
q		Biological Optics and Bioimaging	Thysical Optics
n of Engineering an		Human Informatics, Kansei Engineering	Select one subject out of Linear Algebra, Calculus, Discrete Mathematics, Computational Systems, and
		Perceptual Information Processing	Data Structures and Algorithms <u>X Please state the selected</u> <u>subject at the time of</u> <u>application.</u>
		Biochemistry	
s i 0		Biotic Function Chemistry	Biochemistry
Divi		Food Chemistry	Food Chemistry
Q		Organic Chemistry of Natural Products	Organic Chemistry of Natural Products
	A minutural Dislociast	Applied Microbiology	Applied Microbiology
	Agricultural Biological Chemistry	Polymeric Biomaterials Science	Polymeric Biomaterials
		Biopolymer Chemistry	Science
		Natural Products Chemistry	Natural Products Chemistry
		Forest Chemistry	Forest Chemistry
		Wood Material	Wood Anatomy
		Nutritional Biochemistry	Nutritional Biochemistry

Major	Graduate Program	Field of Education and Research	Specialization Subjects
		Crop Science	Crop Science
		Horticulture	Horticulture
		Agricultural and Environmental Microbiology	Plant and Soil Microbiology
		Soil Science	Soil Science
		Field Science of Horticultural Crops	Field Science of Horticultural Crops
		Animal Function and Morphology	Animal Physiology
		Animal Morphology	Animal Morphology
		Physiology of Animal Reproduction	Livestock Industry
		Plant Thremmatology	Plant Thremmatology
ture		Applied Entomology	Applied Entomology
icult	Agricultural and	Molecular Entomology	Molecular Entomology
Agr	Environmental Sciences	Weed Science	Weed Science
and		Vegetation Studies	Plant Ecology
ring		Conservation Biology	Wildlife Management
Division of Engineering and Agriculture		Environment and Information Engineering of Biology	Environment and Information Engineering of Biology
n of E		Environmental Control in Biology	Environmental Control in Biology
visic		Field Mechanics	Field Mechanics
Div		Postharvest Technology	Production and Distribution Systems Engineering
		Agro-Environmental System Analysis	Agro-Environmental System Analysis
		Food Distribution Engineering	Food Distribution Engineering
		Forest Operation Systems	Forest Civil Engineering
		Forest Policy	Forest Policy
	Forest Production and	Forest Botany	Arboriculture
	Conservation	Forest Products Management	Forest Conservation
		Planning for Forest Management	Planning for Forest Management
		Forest Economics	Forest law

# VI. Advance Consultations on Special Accommodations for Examinations and Studies Due to an Illness, Injury, or Physical Handicap

If you need special accommodations for the entrance examination or for your studies due to an illness, injury, or physical disability, please consult the Admission Division for the Education and Student Affairs Department as early as possible before the final day of the advance consultation period stated below. If you require special accommodations for the entrance examination or for your studies due to a situation that occurred after the consultation period, please contact the Admission Division for the Education and Student Affairs Department as soon as possible.

#### (1) Final Day for Advance Consultation

Special Screening by Recommendation:

Tuesday, May 21, 2024

General Screening, Special Screening for Applicants with Full-Time Employment, Special Screening for International Students and Special Screening for Experienced Persons in International Exchange/Cooperation: Thursday, June 20, 2024

#### (2) Submission of an Application for Advance Consultation

Fill in the following information on the Application Form for Prior Consultation (form is available on the website http://www.utsunomiya-u.ac.jp/admission/examination.php) and submit it along with a doctor's medical certificate (a copy is acceptable) to the Admission Division for the Education and Student Affairs Department.

- 1 Name, address, contact telephone number, and a convenient time you can be reached
- 2 Types of screening under which you plan to apply, and the major/Graduate Program
- 3 Details about the severity of illness, injury, or physical disability
- 4 Accommodations you need for the entrance examination
- 5 Accommodations you need for during the course of your studies
- (6) Accommodations you received at your prior institution
- O Description of your daily condition

## **VII. Export Security Measures**

Utsunomiya University has adopted the "National University Security Export Control" protocol based on the "Foreign Exchange and Foreign Trade Law." This is directed at preventing international students from interfering with the maintenance of international peace and security by exporting restricted education or research content. <u>International students should contact the Research Supervisor of their choice soon as possible to confirm their application.</u>

The following regulations have been established to comply with the security export control protocol.

- If a security export control examination is conducted, it may take a long time to complete, and depending on the examination results, the examinee may not be able to receive the desired education or research.
- After enrollment, there may be restrictions on the technology provided and the equipment used. In addition, if regulations are strengthened due to the revision of laws, etc., it may become impossible to continue existing research work.

## **VIII. Entrance Examination Fee Exemption**

In order to alleviate the economic burden of those who were affected by disasters etc. and to secure opportunities for students to enter the university, the university will take special measures to exempt the entrance examination fee as follows.

①Exemption requirements

The exemption applies for applicants whose primary household resides in an area to which the Great East Japan Earthquake Disaster or the Relief Act (Act No. 118 of 1947) after March 2011 is applied (hereinafter referred to as "the disaster"), and who fall under any of the following categories:

- (a) Where the primary household supporter (father, mother, or any person who has the highest household income; hereinafter referred to as the "primary household supporter") resides in an area covered by the Disaster Relief Act and resides in any of the following:
  - i. If the house where the primary household supporter resides has been issued a certificate by the municipality for (a) Total destruction, (b) Large-scale partial destruction, or (c) Half destruction
  - ii. If the house were the primary household supporter resides or used to reside was in any of the following areas designated under the Special Measures Law for Nuclear Emergency Preparedness (Act No. 156 of 1999) (a) Warning Area, (b) Planned Evacuation Area, or (c) Emergency Evacuation preparation area.
- (b) Persons whose primary household supporter has died or gone missing due to a disaster.

2 Exemption Application Procedure

Those who intend to receive an exemption from the entrance examination fee must submit an "Application form for exemption of entrance examination fee" with one of the following certificates (copy is acceptable) at the time of application. The application form for the fee exemption can be downloaded from the University website (Admission Information).

https://www.utsunomiya-u.ac.jp/admission/examination.php

1. Those applying under (1) (a)(i) or (ii) above must submit a certificate of damage or injury suffered from the disaster.

2. Those applying under ① (b), in case of death, above must submit a death certificate of the primary household supporter; in case they are missing, must submit documents verifying that they are missing, or a declaration regarding the missing person. (Please submit these with the application form for the entrance examination fee exemption.)

Applicants having any questions about the documents to be submitted should contact the Admission Division for the Education and Student Affairs Department.

Any applicants who are determined not to fulfill the requirements for exemption will be contacted by telephone by the Admission Division for the Education and Student Affairs Department.

# **IX. Past Entrance Examination Questions**

#### (1) Disclosure of Past Entrance Examination Questions

The Graduate School of Regional Development and Creativity discloses questions from the previous five two-years' entrance examinations (specialization subjects). However, answers are not disclosed.

 $\circ$  \* Viewing at the counter

Site of Disclosure: Admission Division for Education and Student Affairs Department (Mine Campus) and Yoto Division of Student Affairs and Education (Yoto Campus)

Time of Viewing: 9:00–17:00 (excluding Saturdays, Sundays, public holidays, Summer holidays (Saturday, August 10, 2024 to Monday, August 19,2024)

 $\circ$  Viewing on the Internet

On this website https://www.utsunomiya-u.ac.jp/admission/past-other-questions.php

% We do not disclose questions over the Internet with parts that may be problematic under copyright laws.

## (2) Others

①We cannot answer inquiries about entrance examination questions.

2 The textbooks, reference books, etc. used for each specialized subject in the entrance

examination are as follows.

Graduate Program	Specialization Subjects	Textbooks, reference books, etc
Community Design Studies	Community Design Studies	Think of Regional Design ISBN-13 : 978-4779306396/ Methodology for Regional Design ISBN-13 : 978-4779306945
	Agriculture Management	Thomas A. Lyson, Civic Agriculture, TUFTS UNIVERSITY PRESS,
	Agricultural Policy	田代洋一『食料・農業問題入門』大月書店、2012年、、農林 水産省『食料・農業・農村白書』各年度版、日本農業経済学 会編『農業経済学事典』丸善出版株式会社、2019年
	Agricultural Economics	荏開津 典生, 鈴木 宣弘 「農業経済学 第5版 (岩波テキスト ブックス)」岩波書店、生源寺 眞一 「農業と人間――食と農 の未来を考える (岩波現代全書)」岩波書店、薬師寺 哲郎 , 中川 隆 「フードシステム入門: ―基礎からの食料経済学―」 建帛社
Agricultural and Rural Economics	Micro- and Macroeconomics	N.Gregory Mankiw, Principles of Economics, South-Western Pub
	Agricultural Geography	David Grigg. An Introduction to AgricItural Geography (2nd edition). Routledge
	International agricultural economics and management	Kneafsey, M., Maye, D., Holloway, Lewis, & Goodman, M. K. (2021). Geographies of Food. Bloomsbury.

Graduate Program	Specialization Subjects	Textbooks,reference books,etc
	Subjects Fundamentals of Architecture	「建築構造の力学 I [静定力学編] 第 2 版」寺本隆幸 他著, 森北出版 (9784627505421) 「建築 律組の力学 演習編」田中尚 他著, 東洋書店 (9784885950025) 「建築構造のための力学演習」望月重 他著, 鹿島出版会 (9784306033276) 「建築構造力学 図説・演習 1」中村恒善 編著, 丸善 (9784621039656) 「演習 建築構造力学 I 〈静定編〉」田中茂樹 他著, 学芸出版社 (978-4761524593) 「構造力学徹底演習」鈴木基行 著, 森北出版 (9784627465619) 「建築設計演習 基礎編 建築デザインの製図法から簡単な設計まで」, 武者英二+永瀬 克己著, 彰国社, 1982, ISBN-13 : 978-4395200016 「コンパクト建築設計資料集成」, 日本建築学会編, 丸善出版, 2005, ISBN-13 : 978- 4621075098 「テキスト建築計画」, 川崎 寧史 (著, 編集), 山田 あすか (著, 編集), 学芸出版 社, ISBN-13 : 978-4761531836 「西洋建築史」, 桐敷真次郎著, 共立出版, ISBN-13 : 978-4320076600 「近代建築図集」, 日本建築学会編, 彰国社, ISBN : 4-395-00022-3 「日本建築史図集」, 日本建築学会編, 彰国社, ISBN : 978-4-395-00888-9
Architecture and Building Engineering		「都市計画(第4版)」,川上光彦,森北出版,ISBN:978-4-627-49614-9 「環境工学教科書(第二版)」、環境工学教科書研究会、ISBN:978-4395005161 「初学者の建築講座 建築設備(第四版)」、大塚雅之、ISBN:978-4370711174 「快適な温熱環境のしくみと実践」、公益社団法人空気調和・衛生工学会、978- 4874180679 「建築と設備の環境配慮技術のすべて」、公益社団法人空気調和・衛生工学会、978- 4874180617 「ZEB のデザインメソッド」、公益社団法人空気調和・衛生工学会、978-4765526135 「建築材料 第四版」、市ヶ谷出版社(9784870711327) 「建築材料実験用教材」、日本建築学会編(978-4-8189-2206-8) 「構造用教材」、日本建築学会編(978-4-8189-2233-4) 「建築構法 第5版」、内田祥哉編著(9784870710016)
	Architectural Structure	「建築骨組の力学 基礎編」田中尚 他著,東洋書店 (9784885950018) 「建築構造の力学 II [不静定力学・振動応答解析編] 第2版」寺本隆幸・長江拓也,森北 出版 (9784627505520) 「建築の力学ー弾性論とその応用ー」桑村仁 著,技報堂出版 (978-4765524513) 「建築の力学ー塑性論とその応用ー」桑村仁 著,井上書院 (9784753006519) 「建築鋼構造ーその理論と設計ー」井上一朗 他著,鹿島出版会 (9784306033443) 「基礎からの鉄骨構造」高梨晃一 他著,森北出版 (9784627552418) 「わかりやすい鉄骨の構造設計」第四版,日本鉄鋼連盟編,技報堂出版 (9784765525343) 「図説・鉄筋コンクリート構造」島崎和司 他著,学芸出版社 (9784761527754) 「新しい鉄筋コンクリート構造」嶋津孝之 他著,森北出版 (9784627550025)

Graduate Program	Specialization Subjects	Textbooks,reference books,etc
	Architectural Planning	「建築設計演習 基礎編 建築デザインの製図法から簡単な設計まで,」 武者英二+永瀬克己著,彰国社,ISBN-13: 978-4395200016 「コンパクト建築設計資料集成」,日本建築学会編,丸善出版,ISBN-13: 978-4621075098 「テキスト建築計画」,川崎 寧史(著,編集),山田 あすか(著,編 集),学芸出版社,ISBN: 978-4761531836 「西洋建築史」,桐敷真次郎著,共立出版,ISBN-13: 978-4320076600 「近代建築図集」,日本建築学会編,彰国社,ISBN: 4-395-00022-3 「日本建築史図集」,日本建築学会編,彰国社,ISBN: 978-4-395-00888-9 「都市計画(第4版)」,川上光彦,森北出版,ISBN: 978-4-627-49614-9
Architecture and Building Engineering	Architectural Environment	建築環境工学 改訂4版,井上書院 ISBN-13 978-4753017577: 都市の環境設備計画,森北出版 ISBN-13 978-4627553514: 空気調和ハンドブック 改訂5版 丸善 ISBN-13 978-4621079591:
	Building Materials	「建築材料第四版」、市ヶ谷出版社 (9784870711327) 「建築材料実験用教材」、日本建築学会編 (978-4-8189-2206-8) 「構造用教材」、日本建築学会編 (978-4-8189-2233-4) 「建築構法 第5版」、内田祥哉編著 (9784870710016)
	Architectural Design	「建築設計演習 基礎編 建築デザインの製図法から簡単な設計まで」, 武者英二+永瀬克己著, 彰国社, ISBN-13: 978-4395200016 「コンパクト建築設計資料集成」,日本建築学会編,丸善出版,ISBN-13: 978-4621075098 「テキスト建築計画」,川崎 寧史(著,編集),山田 あすか(著,編 集),学芸出版社,ISBN-13:978-4761531836 「建築構成学 建築デザインの方法」,坂本一成他,実教出版,ISBN-13: 978-4407325720

Graduate Program	Specialization Subjects	Textbooks,reference books,etc
	Fundamentals of Civil Engineering (mechanics)	平山修 他:理工系のための解く!力学、講談社、ISBN-10 : 4062806037 後藤憲一 他:詳解 力学演習、共立出版、ISBN-10 : 4320030257
	Fundamentals of Civil Engineering $\langle mathematics \rangle$	小寺平治 : テキスト 微分積分,共立出版 石村園子 : やさしく学べる線形代数,共立出版
	General Civil Engineering (Structures)	中島章典,藤倉修一:構造力学 I,II (宇都宮大学生協にて購入可)
	General Civil Engineering 〈Hydraulics〉	二瓶 他:土木の基礎固め 水理学、講談社、ISBN-10 : 4061565729 有田・中井:水理学演習、東京電機大学出版局、ISBN-10 : 4501617403
Civil Engineering	General Civil Engineering 〈Soil〉	<ul> <li>河上房義:土質力学(第8版)、森北出版、ISBN-10 : 4627460589</li> <li>河上房義 編:土質工学演習 基礎編(第3版)、森北出版、ISBN-10 : 4627461933</li> </ul>
	General Civil Engineering 〈Planning〉	樗木武:土木計画学、森北出版、ISBN-10 : 4627427131 川上光彦:都市計画(第4版)、森北出版、ISBN-10 : 4627496141
	General Civil Engineering 〈Materials〉	村田 二郎 他:コンクリート工学の基礎、共立出版、ISBN-10 : 4320074327 岡村・前田:鉄筋コンクリート工学(三訂版)、市ケ谷出版社、ISBN-10 : 4870711532
	General Civil Engineering 〈Management (Project Management/Disaster Prevention Management〉	山岡 暁:マネジメント技術の国際標準化と実践、コロナ社、ISBN-10 : 4339052620 長谷川他:はじめての地域防災マネジメント、北樹出版、ISBN-10 : 4779306663
	Agricultural Water Management and Hydrology	農業水利学(文永堂出版, 2021; ISBN: 978-4-8300-4136-5) 地域環境水文学(朝倉書店, 2016; ISBN: 978-4-254-44501-5) よくわかる水環境と水質(オーム社, 2010; ISBN: 978-4-274-20906-2)
Irrigation Drainage and Rural Engineering	Soil and Environmental Biophysics	An Introduction to Environmental Biophysics, 2nd ed (Springer Verlag, 1998; ISBN978-0-387-949370-6) Environmental Soil Physics (Academic Press, 2001; ISBN: 978-0123485250) Soil Physics 6th ed. (John Wiley & Sons, Inc., 2004; ISBN: 978-0-471-05965-3)
	Soil and Water Conservation	農地環境工学 第2版 (文永堂出版, 2016; ISBN:978-4-8300-4132-7)
	Rural Planning	農村地域計画学(朝倉書店, 2020; ISBN: 978-4-254-44503-9)
	Rural Ecology Engineering	生態工学(朝倉書店, 2021; ISBN:978-4-254-18060-2)
Global and Area Studies	Global and Area Studies (Essay)	① Literature on basic theories in social science fields such as international studies, area studies, law, political science, economics, sociology, etc② Articles and press materials on current affairs that have a significant impact on the international community.③ Books and writings written by faculty members of this program. For details of specific references, please refer to the syllabus of the related courses of this program.

Graduate	Specialization	Touthoolig reference hoolig ato		
Program	Subjects	Textbooks,reference books,etc		
	Multicultural Studies 〈Thought, Art and History〉	<ul> <li>・岩城卓二・上島享・河西秀哉・塩出浩之・谷川穣・告井幸男編『論点・日本史学』(ミネ ルヴァ書房、2022年)</li> <li>・E・H・カー『歴史とは何か』(岩波新書、1962年/2022年)</li> <li>・『啓蒙思想の百科事典』(丸善出版、2024年)</li> <li>・渡辺護『芸術学』(東京大学出版会、1975年)</li> <li>・久保田慶一・木下大輔他『音楽用語の基礎知識』(アルテスパブリッシング、2019年)</li> <li>・アンドリュー・グレアム=ディクソン、樺山紘一『世界の美術』(河出書房新社、2017年)</li> <li>・永井均他編『事典哲学の木』(講談社,2002年)</li> </ul>		
Multicultural Studies	Multicultural Studies 〈Culture and Comparative Culture, Literature and Comparative Literature〉	<ul> <li>芥川龍之介『羅生門・鼻・芋粥・偸盗』(岩波文庫、2002)</li> <li>池澤夏樹『世界文学を読みほどく-スタンダールからピンチョンまで』(新潮選書、2005)</li> <li>ドストエフスキー著、安岡治子訳『貧しき人々』(光文社古典新訳文庫、2010)</li> <li>夏目漱石『こころ』(岩波文庫、2005)</li> <li>ジェイ・ルービン編『ペンギン・ブックスが選んだ日本の名短編 29』(新潮社、2019)</li> <li>大橋洋一『新文学入門』(岩波書店、1995)</li> <li>亀井俊介編『現代の比較文学』(講談社学術文庫、1994)</li> <li>坂本昌樹ほか編『漱石と世界文学』(思文閣出版、2009)</li> <li>柴田勝二・加藤雄二編『世界文学としての村上春樹』(東京外国語大学出版会、2015)</li> <li>沼野充義編著『世界は文学でできている対話で学ぶ(世界文学)連続講義』(光文社、2012)</li> <li>藤井省三『魯迅と世界文学』(東方書店、2020)</li> <li>堀啓子『日本近代文学入門 12人の文豪と名作の真実』(中公新書、2019)</li> </ul>		
	Multicultural Studies (Society, Psychology, Educational)	<ul> <li> 本・金子・室田(2016)『問いからはじめる社会福祉学』有斐閣</li> <li> 岩渕 功一(2021)『多様性との対話』青弓社. </li> <li> Council of Europe 『Compass: Manual for Human Rights Education with Young People』 </li> <li> 声部信喜(高橋和之補訂)『憲法(第8版)』(岩波書店、2023年) </li> <li> 白取祐司『刑事訴訟法[第10版]』(日本評論社、2021年) </li> <li> 馬渕仁編(2017)『「多文化共生」は可能か』勁草書房 </li> <li> 丸山剛史編(2022)『グローバル化と外国人児童生徒教育』一藝社 </li> <li> 日本感情心理学会(企画・編集) (2019) 『感情心理学ハンドブック』 北大路書房 </li> </ul>		
	Multicultural Studies 〈Language and Communication〉	<ul> <li>沖森 卓也(編著)/阿久津 智・井島 正博・木村 一・木村 義之・笹原 宏之(著) (2010)『日本語ライブラリー 日本語概説』(朝倉書店)</li> <li>益岡 隆志(編著) (2011)『はじめて学ぶ日本語学―ことばの奥深さを知る15章』(ミネルヴァ書房)</li> <li>窪薗 晴夫(編著) (2019)『よくわかる言語学』(ミネルヴァ書房)</li> <li>白井 恭弘 (2004)『外国語学習に成功する人,しない人-第二言語習得論への招待』(岩波書店)</li> <li>中島 平三・瀬田 幸人 (2021) 『オックスフォード 言語学辞典(新装版)』(朝倉書店)</li> </ul>		

Graduate Program	Specialization Subjects	Textbooks,reference books,etc
	Community and Human Development (Essay)	宮前耕史・平岡俊一・安井智恵・添田祥史編著:持続可能な地域づくりと 学校,ぎょうせい,2017(ISBN:9784324102862)
	Education and Psychology	田中智志・橋本美保編:教育の理念・歴史, 一藝社, 2013 ( ISBN: 9784863590571) 無藤隆, 森敏昭, 遠藤由美, 玉瀬耕治著:心理学, 有斐閣, 2018 (ISBN: 9784641053861)
	Course Education and Sociology of Education	國分麻里・川口広美編著:中等社会系教育,協同出版,2021 (ISBN: 9784319003587) 小原一馬著:なぜ僕らは勉強させられるのか,kindle版
	Life Sciences	藤城敏幸著:新編生活科学<第2版>,東京教学社,2022(ISBN: 9784808260095)
Studies on Community and Human Development	Sports and Health Science	金子明友・朝岡正雄編著:運動学講義,大修館書店,1990 (ISBN: 9784469261776) 教員養成系大学保健協議会編:学校保健ハンドブック<第7次改訂>,ぎ ょうせい,2019 (ISBN:9784324105771)
	Information and Science Education	<ul> <li>○新井紀子: AI vs 教科書が読めない子どもたち,東洋経済新報社,2019 (ISBN:9784492762394)</li> <li>○山内祐平:学習環境のイノベーション,東京大学出版会,2020 (ISBN: 9784130513548)</li> </ul>
	Music	久保田慶一著:改訂版 音楽の文章セミナー プログラム・ノートから論文 まで,音楽之友社, 2016 (ISBN: 9784276101524)
	Art	<ul> <li>〇谷川渥監修、小澤基弘・渡邊晃一編著:絵画の教科書,日本文教出版,2001 (ISBN: 9784783010067)</li> <li>〇横田学,尾澤勇,原島秀行,平野信子 著:工芸 I,日本文教出版,2022,2024 (ISBN: 9784536102155)</li> </ul>

Graduate Program	Specialization Subjects	Textbooks,reference books,etc
	Geometrical Optics	谷田貝豊彦著「例題で学ぶ光学入門」(森北出版)ISBN:978-4-627-15441-4、 John. E. Greivenkamp「Field Guide to Geometrical Optics」(SPIE Digital Library)PDF ISBN: 9780819478160   Print ISBN: 9780819452948
	Wave Optics	谷田貝豊彦著「例題で学ぶ光学入門」(森北出版)ISBN:978-4-627-15441-4、 谷田貝豊彦著「光学」(朝倉書店)ISBN:978-4-254-13121-5 C3042
	Physical Optics	谷田貝豊彦著「例題で学ぶ光学入門」(森北出版) ISBN: 978-4-627-15441-4、 大津元一監、田所利康・石川謙著「イラストレイテッド光の科学」(朝倉書店) ISBN: 978-4- 254-13113-0 C3042
	Linear Algebra	工学系数学テキストシリーズ 線形代数 第2版 森北出版 上野健爾監修,工学系数学教材研究会編 ISBN 978-4-627-05732-6
	Calculus	<ul> <li>教科書:</li> <li>佐々木・鈴木・竹縄「微分積分」(LIBRARY 工学基礎&amp;高専 TEXT T3)数理工学社</li> <li>渋谷仙吉,内田伏一「物理数学コース 常微分方程式」裳華房</li> <li>参考書:</li> <li>真貝寿明「徹底攻略 常微分方程式」共立出版</li> </ul>
Optical	Discrete Mathematics	「離散系の数学」野崎昭弘著,近代科学社, 「組合せ数学入門 I」C. L. リウ著,伊理正夫共訳,伊理由美共訳,共立出版
Engineering	Computational Systems	<ul> <li>教科書: 大学生のためのコンピュータ入門テキスト 三木容彦著 東海大学出版会</li> <li>Introduction to Computer Science for Undergraduate by Yasuhiko MIKI, Tokai University Press.</li> <li>(ISBN 978-4486014867)</li> <li>コンピュータアーキテクチャ(改訂 5 版) 馬場敬信著 オーム社</li> <li>(ISBN 978-4-274-22615-1)</li> <li>参考書: <ol> <li>コンピュータの構成と設計 ハードウェアとソフトウェアのインターフェース 上巻・下巻</li> <li>デイビッド A. パターソン, ジョン L. ヘネシー著 日経 BP</li> <li>コンピュータアーキテクチャ定量的アプローチ</li> <li>ジョン L. ヘネシー, デイビッド A. パターソン著 翔泳社</li> <li>コンピュータ設計の基礎 Hisa Ando 毎日コミュニケーションズ</li> </ol> </li> </ul>
	Data Structures and Algorithms	茨木俊秀, "Cによるアルゴリズムとデータ構造," オーム社, ISBN: 978-4274223914. 近藤嘉雪, "定本 C プログラマのためのアルゴリズムとデータ構造," ソフトバンククリエイテ ィブ, ISBN: 978-4797304954. T. コルメン他, "アルゴリズムイントロダクション 第3版," 近代科学社, ISBN: 978- 4764904088.

Graduate Program	Specialization Subjects	Textbooks,reference books,etc
Molecular Agriculture	Molecular Agriculture	Essential Cell Biology
Material and Environmental Chemistry	Inorganic Chemistry, Analytical Chemistry, Organic Chemistry, Chemical Engineering, Physical Chemistry in General	<ul> <li>Inorganic Chemistry: "Housecroft Inorgnaic Chemistry(3rd edition)", C. E.</li> <li>Housecroft, A. G. Sharpe, Prentice Hall, "Kotaikagaku", K. Tanaka, Tokyo</li> <li>Kagaku Dozin Co.,Ltd., Analytical Chemistry: "Introduction to</li> <li>Environmental Analytical Chemistry", K. Oguma, N. Uehara, T. Taniai, H.</li> <li>Hyashi, Kodansha, Organic Chemistry: "ORGANIC CHEMISTRY Fifth</li> <li>Edition", M. Jones, Jr, S. A. Fleming, W. W. Norton &amp; Company, Inc.,</li> <li>Chemical Engineering: "Fundamentals to Chemical Engineering</li> <li>Calculations", K. Asano, Kyoritsu Shuppan Co. Ltd., "Kaisetsu</li> <li>kagakukougaku" Y. Takeuchi, M. Matsuoka, K. Echi, K. Chihara, Baifukan</li> <li>Co., Ltd., "Hannoukougaku", K. Hashimoto, Baifukan Co., Ltd.,</li> <li>"Kagakunotameno Phython niyoru detakaiseki kikaigakushu nyumon", H.</li> <li>Kaneko, Ohmsha, Ltd., "Kisosiki kara manabu kagakukougaku",</li> <li>A. Ito, Kagakudojin, Ltd., Physical Chemistry: "Elements of Physical</li> <li>Chemistry (7th Edition)",</li> <li>P. Atkins, J. de Paula, Oxford University Press, "Ryoshikagaku", F.</li> <li>Mafune, Kagaku-Dojin</li> <li>Publishing Co., Inc.</li> </ul>
	Biochemistry	Textbook:General, Organic, and Biological CHEMISTRY Fourth Edition (McGraw-Hill Education) Referencebook: FUNDAMENTALS OF BIOCHEMISTRY Life at the Molecular Level FIFTH EDITION (Wiley)
	Food Chemistry	Food-The Chemistry of its Components (Tom Coulate, RSCPucliching)
	Organic Chemistry of Natural Products	Fundamentals of Organic Chemistry, J.E.McMurry, 7th edition
	Applied Microbiology	<ul> <li>・微生物学(基礎生物学テキストシリーズ4) 青木健次 化学同人</li> <li>・生物化学工学第3版 海野肇 講談社</li> </ul>
Agricultural Biological Chemistry	Polymeric Biomaterials Science	・基本高分子化学 柴田充弘 著 三共出版 978-4-7827-0674-9 C3043 ・セルロースの事典 セルロース学会 編 朝倉書店 978-4-254- 47044-4 C3561
	Natural Products Chemistry	Mass Spectrometry: A Textbook, Third Edition, Juergen H Gross
	Forest Chemistry	木質の形成 バイオマス科学への招待 第2版 福島和彦・船田 良・杉山淳司・高部圭司・梅澤俊明・山本浩之編集、海青社、 ISBN978-4-86099-252-1
	Wood Anatomy	Forest Products & Wood Science, an introduction (sixth edition), Shumlsky R & Jones PD, Wiley-Blackwell
	Nutritional Biochemistry	健康栄養学(第2版) 共立出版 ウシの科学 広岡博之編集 朝倉書店

Graduate Program	Specialization Subjects	Textbooks,reference books,etc
	Material Mechanics and Material Mechanical Studies	黒木剛司郎・友田陽:材料力学(第3版・新装版)森北出版 (2014) ISBN978-4-627-62014-8 渡辺義見ほか:図でよくわか る機械材料学 コロナ社(2010) ISBN978-4-339-04605-2
Mechanical and Intelligent Engineering	Heat and Flow	なっとくする演習・熱力学:ISBN4-06-154510-8 基礎から学ぶ工業熱力学:ISBN 978-4-339-04617-5 流れ学:ISBN4-526-00724-2 流体の力学:ISBN978-4-8425-0478
	Mechanics and Control	青木繁「機械力学」コロナ社,青木弘ほか「工業力学」森北出 版,中野道雄ほか「制御基礎理論」コロナ社
	Mechatronics	船橋 宏明, 岩附 信行, メカトロニクス入門 第2版, 実教出版, 2018, ISBN: 978-4-407-33544-6 三浦宏文, ハンディブック メカトロニクス(改訂3版), オ ーム社, 2014, ISBN978-4-274-21688-6 赤津 観, 史上最強カラー図解最新モータ技術のすべてがわか る本, ナツメ社, 2012, ISBN978-4-8163-5300-0

Graduate Program	Specialization Subjects	Textbooks,reference books,etc		
	Electromagnetism	渡辺征夫・青柳晃「工科の物理3 電磁気学」、培風館		
	Electrical Circuits	服藤憲司「例題と演習で学ぶ 電気回路(第2版)」森北出版、ISBN 978-4- 627-73582-8 服藤憲司「例題と演習で学ぶ 続・電気回路(第2版)」森北出版、ISBN 978- 4-627-73592-7		
	Linear Algebra	工学系数学テキストシリーズ 線形代数 第2版 森北出版 上野健爾監修,工学系数学教材研究会編 ISBN 978-4-627-05732-6		
	Calculus	<ul> <li>教科書:</li> <li>佐々木・鈴木・竹縄「微分積分」(LIBRARY 工学基礎&amp;高専 TEXT T3)数理工学</li> <li>社</li> <li>渋谷仙吉,内田伏一「物理数学コース 常微分方程式」裳華房</li> <li>参考書:</li> <li>真貝寿明「徹底攻略 常微分方程式」共立出版</li> </ul>		
Information,	Discrete Mathematics	「離散系の数学」野崎昭弘著,近代科学社, 「組合せ数学入門 I」C. L. リウ著,伊理正夫共訳,伊理由美共訳,共立出版		
Electrical and Electronic Systems Engineering	Computer Systems	<ul> <li>教科書:</li> <li>大学生のためのコンピュータ入門テキスト 三木容彦著 東海大学出版会</li> <li>Introduction to Computer Science for Undergraduate by Yasuhiko MIKI,</li> <li>Tokai University Press.</li> <li>(ISBN 978-4486014867)</li> <li>コンピュータアーキテクチャ(改訂 5 版) 馬場敬信著 オーム社</li> <li>(ISBN 978-4-274-22615-1)</li> <li>参考書:</li> <li>1. コンピュータの構成と設計 ハードウェアとソフトウェアのインターフェース</li> <li>上巻・下巻</li> <li>デイビッド A. パターソン, ジョン L. ヘネシー著 日経 BP</li> <li>2. コンピュータアーキテクチャ定量的アプローチ</li> <li>ジョン L. ヘネシー, デイビッド A. パターソン著 翔泳社</li> <li>3. コンピュータ設計の基礎 Hisa Ando 毎日コミュニケーションズ</li> </ul>		
	Data Structures and Algorithms	<ul> <li>茨木俊秀, "Cによるアルゴリズムとデータ構造," オーム社, ISBN: 978-4274223914.</li> <li>近藤嘉雪, "定本 C プログラマのためのアルゴリズムとデータ構造," ソフトバン ククリエイティブ, ISBN: 978-4797304954.</li> <li>T. コルメン他, "アルゴリズムイントロダクション 第3版," 近代科学社, ISBN: 978-4764904088.</li> </ul>		

Graduate Program	Specialization Subjects	Textbooks,reference books,etc	
	Crop Science	「作物生産生理学の基礎」,農文協,ISBN: 9784540122095	
	Horticulture	「図説園芸学(第2版)」,朝倉書店,ISBN: 978-4-254-41040-2	
	Soil Science	「新版 土壌学の基礎」,農文協,9784540171055 「土壌サイエンス入門(第2版)」,文永堂,978-4-8300-4135-8	
	Field Science of Horticultural Crops	「園芸生理学」,文永堂出版,ISBN978-4-8300-4110-5 「野菜園芸学 第2版」,文永堂出版,ISBN978-4-8300-4137-2	
	Animal Physiology	Neurobiology Third Edition, Oxford University Press, ISBN 9780195088434	
	Animal Morphology	The evolution of VERTEBRATE DESIGN Publisher : University of Chicago Press ISBN-13-978-0226702360	
	Livestock Industry	「ライフステージでみる牛の管理」,緑書房,ISBN-13 : 978-4895313018. 「畜産学入門」,文永堂出版,ISBN-13 : 978-4830041235	
	Plant Thremmatology	「植物育種学 第3版」,文永堂出版,ISBN4-8300-4096-3 「植物育種学各論」,文永堂出版,ISBN4-8300-4104-8	
	Applied Entomology	「応用昆虫学の基礎」,農文協, ISBN978-4-540-17121-5	
	Molecular Entomology	Baculovirus Molecular Biology, 4th edition (Internet)	
Agricultural and	Weed Science	「雑草学入門」,講談社サイエンティフィック, ISBN: 978-4-06-512952-4 「農業と雑草の生態学」,文一総合出版, ISBN: 978-4-8299-1068-9	
Environmental Sciences	Plant Ecology	「植物生態学」朝倉書店, ISBN 978-4-254-17119-8 「図説 日本の植生」朝倉書店, ISBN 978-4-254-17163-1	
	Wildlife Management	「野生動物の管理システム」,講談社,ISBN 978-4-06-155233-3 「大型陸上哺乳類の調査法」,共立出版,ISBN 978-4-320-05757-9″	
	Environment and Information Engineering of Biology	「新スマート農業」 ,農林統計出版, ISBN978-4-89732-407-4 「農業気象学入門」, 文永堂出版, ISBN 978-4-8300-4141-9	
	Environmental Control in Biology	「施設園芸学一植物環境工学入門一」,朝倉書店,ISBN 978-4-254-41043-3 「最新施設園芸学」,朝倉書店,ISBN978-4-254-41026-6	
	Field Mechanics	「農業食料工学ハンドブック」,コロナ社, ISBN:978-4-339-05267-1	
	Production and Distribution Systems Engineering	「青果物流通技術の基本知識」, 流通システム研究センター, ISBN9784897456140 「エンジニアが学ぶ物流システムの知識と技術」, 翔泳社, ISBN9784798155449″	
	Agro-Environmental System Analysis	「最新畜産学」, 朝倉書店, ISBN 4-254-45015-X 「改訂版 演習で学ぶLCA」, 未踏科学技術協会, ISBN 978-4-9910127-0-9	
	Food Distribution Engineering	「農産食品プロセス工学」,文永堂出版, ISBN 978-4-8300-4128-0 「食物と健康の科学シリーズ 米の科学」,朝倉書店, ISBN 978-4-254-43555-9	

Graduate Program	Specialization Subjects	Textbooks,reference books,etc
	Forest Civil Engineering	Forest Civil Enginnering, First and Second Editions
	Forest Policy	Global Forest Resources Assessment 2020 (FRA 2020)
Forest Production and Conservation	Arboriculture	Hamaya T (2008) Dengrology. Chikyusha (In Japanese) Ito M (2013) Introduction to Plant Systematics. University of Tokyo Press(In Japanese) Shimizu T (2001) Illustrated Grossary of Botanical Terms. Yasakashobo (In Japanese)
	Forest Conservation	Negi, S. S. (2008) Handbook of Forest Protection. International Book Distributors.
	Planning for Forest Management	Forest Management and Planning
	Forest law	『解説 森林法』大成出版社,2017年,554pp.『解説 森林組合法』大成出版社, 2019年,349pp.『早わかり 森林経営管理法』大成出版社,2018年,147pp.

## X. Precautions for taking the examination

1. The following actions will be considered misconduct. However, actions that are permitted in the explanation at the time of the examination shall not be considered misconduct. If you commit any misconduct, you will be instructed to stop taking the exam and leave the room immediately, and you will not be allowed to take the exam again. In addition, all scores for the selection category that you have taken will be canceled. Furthermore, depending on the situation, we may take measures such as submitting a damage report to the police regarding the misconduct.

A. If the application form and photo card created based on the registered information contain false content due to intentionally registering false information for the online application.

Deliberately making a false entry on the application form or examination ticket in the selection process other than the online application (affixing a photo of someone other than the applicant on the examination ticket or photo card.

Deliberately making false entries on the answer sheet (such as writing an examinee number other than your own number on the answer sheet)

- B. Cheating (placing or looking at notes, copies, etc. related to exam subjects on the desk, etc., looking at the contents of books such as textbooks, reference books, etc., looking at other examinees' answers, etc., obtaining answers from others, etc.)
- C. Telling other examinees the answers or helping them cheat
- D. Taking the distributed question booklet out of the examination room before the examination time ends
- E. Taking the answer sheet out of the examination room
- F. Opening the question booklet or starting the exam before the supervisor marks the start of the exam
- G. Using unapproved rulers (including pencils with ruler functions), compasses, abacuses, graph paper, and other tools during the examination
- H. Using electronic devices such as mobile phones, smartphones, wearable terminals, tablet terminals, electronic dictionaries, IC recorders, earphones, music players, etc.

\* Earphones will be considered as being used even if they are just worn on the ears. (If you wish to use hearing aids, etc. during the examination due to illness, injury, or disability, prior consultation is required regarding special considerations for taking the examination and attending the school)

- I. After the supervisor has marked the end of the exam, disobeying the instructions and holding your pencil or eraser or continuing to write answers
- J. Engaging in other acts prohibited by the explanation at the time of the examination.

2. In addition to the actions mentioned in 1., the following may be considered as misconduct. However, actions that are permitted in the explanation at the time of the examination shall not be considered misconduct. If you do not follow instructions, etc., and are found to have acted fraudulently, the same policies as in 1. will apply.

- A. Not putting away in your bag, or holding or wearing, during the examination assistive devices such as rulers (including pencils with ruler functions, etc.), compasses, abacuses, graph paper, etc., electronic devices such as mobile phones, smartphones, wearable terminals, tablet terminals, electronic dictionaries, IC recorders, earphones, music players, etc., and books such as school textbooks, reference books, etc.
- B. Disrupting the exam, such as making sounds (incoming calls, alarms, vibration sounds, etc.) from mobile phones and clocks during the examination
- C. Making a false offer that would be advantageous to yourself or other examinees regarding matters related to the examination
- D. Causing trouble for other examinees at the examination site
- E. Failing to follow the instructions of supervisors, etc. at the examination site
- F. Other acts that may impair the fairness of the examination
- \* In addition, if you are found to have something that cannot be used or worn during the examination, it may also be considered misconduct.

### XI. Announcement of Acceptance

#### (1) Date and Time

Special Screening by Recommendation:

Wednesday, July 10, 2024 at 2:00 pm

General Screening, Special Screening for Applicants with Full-Time Employment, Special Screening for International Students and Special Screening for Experienced Persons in International Exchange/Cooperation:

Wednesday, September 4,2024 at 2:00 pm

The application numbers of those accepted will be posted on the University's website <a href="http://nyushi.utsunomiya-u.ac.jp/goukaku.html">http://nyushi.utsunomiya-u.ac.jp/goukaku.html</a>. Successful candidates will also receive acceptance letters by postal mail.

Inquiries regarding entrance examination results will not be accepted via telephone or other means.

#### (2) Submission of Enrollment Pledge(Only successful applicants for the April 2025 enrollment recruitment.)

Those who are accepted must submit an enrollment pledge to the Admission Division for the Education and Student Affairs Department by the following date. The form will be sent to successful applicants along with an acceptance letter. If you do not intend to enroll, please submit a withdrawal letter (any format) by the following date.

Deadline for submission

Special Screening by Recommendation:

Monday, July 29, 2024

General Screening, Special Screening for Applicants with Full-Time Employment, Special Screening for International Students and Special Screening for Experienced Persons in International Exchange/Cooperation: Thursday, September 12, 2024

## **XII. Enrollment Formalities**

#### (1) Period of Enrollment Formalities

October Admission: Scheduled in mid-September 2024

April Admission: Scheduled in mid-March 2025

Details will be provided to successful applicants (October enrollees) and those who have submitted the Enrollment Pledge (April enrollment).

## **XIII. Entrance Fees and Tuition**

#### (1) Entrance Fees and Tuition

Entrance Fee ¥282,000

Tuition

¥535,800 (annual fee)

\* The entrance fees and tuition are tentative amounts; they may be revised.

\* If tuition is revised during the program period, the new tuition will apply from the time of revision.

\* Half of the tuition (¥267,900) shall be paid by each of the designated deadline.

#### (2) Personal Accident Insurance for Students Pursuing Education and Research and Liability Insurance

¥2,430 (for 2 years) [as of April 2024]

#### **XIV. Scholarship System**

Students who wish to apply for this scholarship should refer to the following website.

<https://www.utsunomiya-u.ac.jp/convenient/campuslife/exemption.php>

Make inquiries regarding this system to the Student Affairs Division.

## XV. Special Cases of Educational Methods as Stipulated in Article 14 of the Graduate

#### **School Establishment Standards**

If it is found particularly necessary from an educational standpoint, the University may provide special cases of educational methods as stipulated in Article 14 of the Graduate School Establishment Standards for students who wish to apply for "Special Screening for Applicants with Full-time Employment." Based on this provision, the Graduate School of Regional Development and Creativity may, if necessary, provide evening classes (after the regular classroom hours (17:40–20:50)), offer the same subjects twice a week, and consolidate the periods of research and surveys required for the final project. If you seek to benefit from these special provisions, please consult with the research supervisor of their choice before you apply, and then fill  $\square$  in the Special Provisions on Educational Methods in the Application Form.

XArticle 14 of the Graduate School Establishment Standards

During studies at a graduate school, if special measures are deemed necessary for educational purposes, education may be provided through an appropriate method, such as class sessions or research instructions at night or other specified periods.

#### XVI. Extended Registration Period System

This system caters to students for whom it difficult to complete the program within the standard 2 year period because of employment or other reasons by permitting them to extend their period of study (up to a maximum of 4 years) in order to facilitate systematic course planning and effective learning. Course planning and the total number of credits are the same as under the standard programs, which offers a significant reduction in time load per year.

When approval to extend the registration period has been granted, the two-year master's program can be completed, for example, in three years. In such case, the two-year tuition will be paid over a three-year period, which means the financial burden per year is also reduced by distributing the two-year tuition (four terms) over three years (six terms). (If tuition is revised, recalculation will be made based on the revised fee.)

In order to be accepted into this system for extending the registration period, applicants must submit the required documents to the Dean of Utsunomiya University and obtain permission.

If, due to changing circumstances, an individual is unable to complete the program within the extended period, a further extension may be requested up to a maximum of six years in total. The further extended period in excess of the standard extended period will be considered to be setback years and standard tuition shall apply. Students may newly apply for this extended registration period during the school year or revise the extension period (from 3 years to 4 years or from 4 years to 3 years) only once.

The application period for this program is as follows:

#### (1) New Application

① Upon entry into the program

During the enrollment procedure in March prior to the start of the enrollment year

2 During the school year

Until the end of February of the preceding academic year before the start of the relevant year

#### (2) Extension or Shortening of the Extended Period

If you wish to extend the registration period, submit a change in the registration period by the last day of the month prior to the final month of the extended period. If you wish to shorten the extended period, submit a change in the registration period by the last day of the month prior to the intended month of completion

Make inquiries regarding this system to the Yoto Division of Student Affairs and Education (telephone 028-689-6014).

Details will be provided to successful applicants at a later date.

# **XVII. Contact Information for each Graduate Program**

If you do not know the contact information for the research supervisor of their choice, or have other inquiries about the major or Graduate Program, please contact the following.

Major	Graduate Program	Contact email address	
	Community Design Studies	m-cds@cc.utsunomiya-u.ac.jp	
	Agricultural and Rural Economics	m-agriecon@cc.utsunomiya-u.ac.jp	
ngise	Architecture and Building Engineering	m-archi@cc.utsunomiya-u.ac.jp	
ocial D	Civil Engineering	m-civil@cc.utsunomiya-u.ac.jp	
Division of Social Design	Irrigation, Drainage and Rural Engineering	m-idre@cc.utsunomiya-u.ac.jp	
Divis	Global and Area Studies	m-gas@cc.utsunomiya-u.ac.jp	
	Multicultural Studies	m-mcult@cc.utsunomiya-u.ac.jp	
	Studies on Community and Human Development	m-hdev@cc.utsunomiya-u.ac.jp	
	Optical Engineering	m-opt@cc.utsunomiya-u.ac.jp	
alture	Molecular Agriculture	m-molagri@cc.utsunomiya-u.ac.jp	
l Agricı	Material and Environmental Chemistry	m-matlchem@cc.utsunomiya-u.ac.jp	
ing and	Agricultural Biological Chemistry	m-biolchem@cc.utsunomiya-u.ac.jp	
ngineer	Mechanical and Intelligent Engineering	m-mech@cc.utsunomiya-u.ac.jp	
Division of Engineering and Agriculture	Information, Electrical and Electronic Systems Engineering	m-isee-2@cc.utsunomiya-u.ac.jp	
Divis	Agricultural and Environmental Sciences	m-agrisci@cc.utsunomiya-u.ac.jp	
	Forest Production and Conservation	m-forest@cc.utsunomiya-u.ac.jp	

## **XVIII. List of Faculty Members**

This is a list of faculty members who provide research guidance in the Graduate School of Regional Development and Creativity.

From the page of the Graduate Program you wish to apply for, select one research supervisor based on the field of research, and <u>be sure to contact the research supervisor of your choice to obtain him/her approval.</u> Please enter the name of the research supervisor of their choice when you register for the online application.

<u>Advance consultation are limited to matters related to research activities and the curriculum after enrollment.</u> We cannot answer questions related to entrance examination such as questions about past examination <u>questions.</u>

There may be a limit to the number of students accepted by the supervisor to ensure substantial guidance time, or due to limitations on the facilities and equipment of each laboratory. In this case, even if they pass the examination, the applicant may not be able to receive guidance from the research supervisor of their choice.

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Graduate Program in Agricultural and Rural Economics	65
Graduate Program in Architecture and Building Engineering	66
Graduate Program in Civil Engineering	66
Graduate Program in Irrigation, Drainage and Rural Engineering	•••• 67
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## **Division of Engineering and Agriculture**

Graduate Program in Optical Engineering
Graduate Program in Molecular Agriculture
Graduate Program in Material and Environmental Chemistry
Graduate Program in Agricultural Biological Chemistry
Graduate Program in Mechanical and Intelligent Engineering
Graduate Program in Information, Electrical and Electronic Systems Engineering
Graduate Program in Agricultural and Environmental Sciences
Graduate Program in Forest Production and Conservation

Title	Name	Education specialty and research field	Research interest	
Professor	HARADA, Jun	Rural Management	Issue with farm management and farming organization	
Professor	ISHII, Daiichiro	Community Policy	Community assessment and service resource development	
Professor	ISHIKAWA, Yumiko	Clinical Developmental Psychology	Research on development and support of human relationship in the community through lifetime study activity	
Professor	NAKAMURA, Yuji	Local Administration, Public Administration	Demonstrative research on diverse cooperative activity in policy formation	
Professor	OHMORI, Reiko	Studies in Dietary Life	Research on food and health of community residents	
Professor	TAKAHASHI, Toshimori	Landscape Ecology	Research on design in harmony with nature	
Assoc.Prof.	MITA, Hiroka	Political Process, Policy Process	Research on history of politics and policies and democracy	
Assoc.Prof.	NAKAGAWA, Atsushi	Conversation Analysis of Welfare	Research on social interaction in welfare for the elderly	
Assoc.Prof.	SAKATA, Kazuya	Project Evaluation	Economic evaluation, policy evaluation, public project evaluation	
Assoc.Prof.	SHIRAISHI, Satoko	Psychology	Research on mental health of community residents	
Assoc.Prof.	SUZUKI, Tomiyuki	Tourism Geography	Human geographical research on the formation and changes of tourist areas	
Assoc.Prof.	TAKASHIMA, Shogo	Instrumental Music (Wind, String, Percussion), Conducting, Ensemble	Participatory regional alliances by the ensemble	
Assoc.Prof.	WAKAZONO, Yushiro	Social Education	Practical research on the formation of educational ability in the community	

[ Division of Social Design/ Graduate Program in Community Design Studies]

# [ Division of Social Design/ Graduate Program in Agricultural and Rural Economics]

Title	Name	Education specialty and research field	Research interest	
Professor	MATSUMURA, Keiko	Agricultural Geography, Rural Geography	Agricultural geography and agricultural regional system	
Professor	NISHIYAMA, Mima	Agriculture Management	Regional resource management and local food system	
Professor	SUGITA, Naoki	Agriculture Management	Agricultural Marketing	
Assoc.Prof.	FUKUDA, Ryuichi	Agricultural Economics	Agricultural Trade, Rural Finance, and Rural Development	
Assoc.Prof.	JINDAI, Hideaki	Agriculture Policy	Research on agricultural market and production, process and distribution of agricultural products	
Assoc.Prof.	KATOH, Koji	Environmental Economics	Environmental economics and evaluation of multifaceted functions of agriculture	
Asst.Prof.	OGAWA, Masayuki	Agricultural Economics	Agricultural Economics, Circular Food and Agriculture System	
Asst.Prof.	SCHRAGER Benjamin	International agricultural economics and management	My research examines environmental and social aspects of food systems	

Division of Social Design/ Graduate Program in Architecture and Building Engineering				
Title	Name	Education specialty and research field	Research interest	
Professor	MASUDA, Hiroshi	Architectural Structure	Research on seismic performance evaluation of buildings	
Professor	NAKAJIMA, Shiro	Building Material, Structure	Research on performance evaluation of wooden materials and wooden building	
Professor	SATOH, Eiji	Architectural Planning, Environmental Psychology and Architectural theory, Architectural design, Urban design	Research on resolution method of social problems in relation with urban an architecture	
Professor	SUGIYAMA, Hisashi	Building Material	Research on quality improvement of building materials such as concrete, reinforcing steel, etc.	
Professor	YOKOO, Noriyoshi	Architectural Environment, Urban Environment	Research on environmental performance and evaluation of urban buildings	
Assoc.Prof.	FUJIMOTO, Satoshi	Building Material, Construction	Research on maintenance and demolition of buildings	
Assoc.Prof.	KOGA, Takaaki	Architectural Planning, Environmental Psychology, and Architectural Environment, Environmental Control and Architectural theory, Architectural design, Urban design	Research on architectural planning and environment based on user's poin of view	
Assoc.Prof.	NAKANO, Tatsuya	Building Steel Structure	Research on joining performance evaluation of steel structure buildings	
Lecturer	ENDO, Kouichi	Architectural Design, Theory of Architecture	Research on spatial composition of architecture and urban	
Asst.Prof.	FUJIWARA, Kisa	Architectural and Urban Environment, Environmental Architecture and Architectural design	Research on architectural and urban design and environmental performance	

## [ Division of Social Design/ Graduate Program in Architecture and Building Engineering]

# [ Division of Social Design/ Graduate Program in Civil Engineering]

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Title	Name	Education specialty and research field	Research interest	
Professor	FUJIKURA, Shuichi	Structural Engineering	Research on disaster prevention and safety of frame structures such as bridges	
Professor	IKEDA, Hirokazu	River Engineering	Research on disaster countermeasure and environmental protection on rivers	
Professor	OHMORI, Nobuaki	Urban Planning, Transportation Planning	Research on sustainable cities and transportation in an aging society with fewer children	
Assoc.Prof.	IIMURA, Kosuke	Coastal Engineering	Research on disaster prevention and environmental protection on the coast	
Assoc.Prof.	KONDO, Shin-ya	Disaster Management	Research on disaster prevention and crisis management on natural disaster	
Assoc.Prof.	MARUOKA, Masanori	Concrete Engineering	Research on building materials such as cement and recycled materials	
Assoc.Prof.	OSADA, Teppei	Urban Planning, Transportation Planning	Research on urban and transportation planning corresponding to a society declining in population	
Assoc.Prof.	SEIKI, Takafumi	Rock Engineering	Research on safety evaluation and underground environment of rock structure	
Assoc.Prof.	UNNO, Toshiyasu	Geotechnical Engineering	Research on disaster countermeasures and environmental issues with the ground and soil	
Asst.Prof.	THAY Visal	Structural Engineering	Research on repair and strengthening of existing steel structures	

l	Division of Social Design	/ Graduate Program i	in Irrigation, Drainad	e and Rural Engineering
	Division of Social Design	/ Oraduate Program	in mingation, Dramag	c and Rul at Engineering

Title	Name	Education specialty and research field	Research interest
Professor	OSAWA, Kazutoshi	Soil and Water Conservation	Dynamics of water, sediment and nutrients in a farmland and agricultural watershed
Professor	MATSUI, Hiroyuki	Agricultural Water Management and Conservation	Irrigation water management, water cycle and water environment management in watershed
Professor	TAMURA, Takahiro	Rural Planning	Research on farm work safety, lighter labor of farm work and land improvement
Assoc.Prof.	IIYAMA, Ippei	Soil and Environmental Biophysics	Research on transport and retention of energy and water in soils
Assoc.Prof.	MORIYAMA, Takumi	Rural Ecology Engineering	Research on conservation and utilization of secondary nature

# [ Division of Social Design/ Graduate Program in Global and Area Studies]

Title	Name	Education specialty and research field	Research interest
Professor	KAEWMANOTHAM Malee	Sociology	Development and community in Thailand
Professor	MATSUO, Masaki	Middle East Studies	Political economiy of the the Middle East, especially (1) correlation between oil and authoritarianism, (2) international migration in the Middle East
Professor	SAKAMOTO, Kumiko	African Area Studies	Research on social development and culture in East Africa
Professor	SHIMIZU, Nanako	International Relations, International Organizations	United Nations security system and human security
Professor	TAKAHASHI, Wakana	Environmental Governance	Research to clarify the cause of differences in environmental policies between regions and nations from a political science perspective
Assoc.Prof.	FUJII, Hiroshige	International Protection of Human Rights and peacebuilding	Research on international Criminal Justice and conflicts
Assoc. Prof.	IIZUKA, Akiko	Disaster Management, International Cooperation	Disaster prevention and management, international cooperation, NGOs
Assoc.Prof.	KOMURA, Manabu	Studies in Village Community	Research based on field work in Japanese rural community
Assoc.Prof.	KURIHARA, Shunsuke	International Development, Governance, Civil Society	Research on international development and governance
Assoc.Prof.	MATSUMURA, Fuminori	International Relations in East Asia	Research on Chinese foreign policy and international political histrory
Assoc.Prof.	SUEYOSHI, Ana	Applied Economics (including Economic History)	Research on Latin American politics and economy

Division	of Social	Design/	Graduate	Program	in Multic	ultural Studies

Title	Name	Education specialty and research field	Research interest
Professor	AMANUMA, Minoru	Theoretical Linguistics, English Linguistics	Theoretical and demonstrative research on syntactics, semantics and phonology of modern English
Professor	HASEGAWA, Mayumi	Social Welfare	Social community and citizenship education
Professor	KINOSHITA, Daisuke	Composition, Musicology	Research on music composition and practice and historiography (Western music history)
Professor	MARUYAMA, Tsuyoshi	Education, School Education, School Curriculum	Research on new junior high school curriculum history, curriculum of education for foreign school children, colonial technology and vocational education history
Professor	MATSUI, Takako	Japanese Culture, Japanese Literature, Comparative Culture	Tradition and modernization in Japan, cultural universality, heterogeneity and homogeneity
Professor	NAKAMURA, Makoto	Psychology	Research on social community and emotional communication
Professor	QI, Jie	Educational Sociology, Foreign Language Education	Research on school education and foreign language education
Professor	SUZUKI, Keiko	Modern Japanese Literature	Formation and acceptance of literature in modern Japan
Professor	YONEYAMA, Masafumi	American Literature	Research on 19th century romantic literature
Professor	YOSHIDA, Kazuhiko	Linguistics, Foreign Language Education	Multilingal Communication
Professor	YUZAWA, Nobuo	English Phonetics	Phonetics in modern English and application to education
Assoc.Prof.	HONDA, Goro	Art, Art Education	Research on arts (theory and art history in modern times) and art education
Assoc.Prof.	IZUHA, Takashi	English Art History	Research on 18th to 19th century British paintings
Assoc.Prof.	KUROKAWA, Kyoko	Criminal Law, Legal Studies	Discriminatory prosecution, legal education
Assoc.Prof.	MAKINO, Kanako	French Literature	19th century French literature and history of Western philosophy
Assoc.Prof.	OHNO, Tokiko	Russian literature, Theory of Culture	19th century Russian literature and formative culture
Assoc.Prof.	TACHIBANA, Yuuki	Education	Research on school education in global age
Assoc.Prof.	TAKAYAMA, Keiko	History, Japanese History	Japanese modern history, transition history in the modern and contemporary
Assoc.Prof.	TAKAYAMA, Michiyo	Japanese History of Japanese Language	Grammar and vocabulary of ancient Japanese
Assoc.Prof.	USHITORA, Kaori	Sexuality and Human Rights	Sex and human rights in modern times
Asst.Prof	IWASAKI, Hiroyuki	Theoretical Linguistics	Syntax, Semantics

ľ	Division of Social Design/	Graduate Program in Co	ommunity and Human	<b>Development</b>

Title	Name	Education specialty and research field	Research interest
Professor	DEGUCHI, Akiko	Science Education, Science Teaching, Learning Sciences	Research on design experiments in science learning
Professor	KAWASHIMA, Yoshiaki	Educational Engineering, Information Education	Research on media utilization and contents creation corresponding to informational society
Professor	MATSUSHIMA, Sakurako	Arts and Crafts, Urushi Lacquer Art	Asian lacquer arts and crafts with a focus on the cultures that created and support them
Professor	SASAKI, Kazuya	Environmental Education for Living, Clothing Science	Research on living and regional environment creation focusing on clothing
Professor	UEHARA, Shuichi	Education (Philosophy of Education)	Research on the relationship between thinking and language in education
Assoc.Prof.	HIRAI, Rie	Music Expression, Music Education	Research on expression, instruction, creation and management in music
Assoc.Prof	ISHIKAWA, Takayuki	Developmental Psychology	Research on sociality of children
Assoc.Prof.	KABUTA, Masahiko	Painting Techniques, Theory and History of Arts	Research on technique based on paintings, research on spreading regional art
Assoc.Prof.	KOHARA, Kazuma	Sociology of Emotion	Application of amusingness of play to education, school caste
Assoc.Prof.	KUBO, Motoyoshi	Health education, School health	Theoretical and practical study of health education in school, Research on contemporary health issues of youth
Assoc.Prof.	KUMATA, Teisuke	Course education (Social Studies)	Theoretical and demonstrative research on social studies and history education
Asst.Prof.	MIYASHIRO, Kozue	Cognitive Psychology	Research on impact of perceptual expression of language to language processing

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Title	Name	Education specialty and research field	Research interest
Professor	HAGEN Nathan	Applied Optics	Optical design, spectroscopy, computational sensing
Professor	HAYASAKI, Yoshio	Information Photonics, Laser Processing, Computational imaging	Processing / measurement / display / imaging by fusion of light and information
Professor	OHTANI, Yukitoshi	Polarization Engineering, Optical metrology, Optomechatronics	Research on polarization, spectroscopic imaging, optional-mechatronics
Professor	SATOH, Mie	Human Informatics, Kansei Engineering	Image processing, Kansei information processing, and human-computer interaction
Professor	SUGIHARA, Okihiro	Optical Communication Engineering, Polymer Photonics	High speed communication using optical fiber / optical waveguide, interaction between light and polymer
Professor	YAMAMOTO, Hirotsugu	Information Photonics	Research on 3D display and its application
Assoc.Prof.	BARADA, Daisuke	Photodynamics, Mathematical Optical Physics	Light propagation analysis, application to optical recording and optical measurement, interaction between light and substance
Assoc.Prof.	FUJIMURA, Ryushi	Optical Science & Engineering, Nano Photonics	Research on holographic memory, plasmonic metal Nano structure
Assoc.Prof.	HASEGAWA, Satoshi	Laser material processing, Optical Information processing, Optical metrology	Laser material processing with optical metrology
Assoc.Prof.	NINOMIYA, Nao	Visualization and Image Processing	Development and application of three-dimensional image measurement technology of thermal fluid
Assoc.Prof.	SHINODA, Kazuma	Perceptual Information Processing	Research on imaging and image processing
Assoc.Prof.	TAMADA, Yosuke	Biological Optics and Bioimaging	Optical measurement and control of living cells towards discoverying novel biological phenomena
Asst.Prof.	OHTSUKA, Takamitsu	Plasma Science and Engineering	Electron acceleration of laser wake and its application
Asst.Prof.	KONDO, Keisuke	Optical electronics (Photonics), Micro optics	Optical electronics (Photonics), Micro optics, Silicon photonics, Photonic computing

# [ Division of Engineering and Agriculture/ Graduate Program in Molecular Agriculture]

Title	Name	Education specialty and research field	Research interest
Professor	FUKUI, Emiko	Animal Breeding and Reproduction	Genetic analysis related to economic traits of livestock
Professor	KODAMA, Yutaka	Plant Cell Biology	Molecular mechanism and molecular control of plant cell response under environmental alteration
Professor	MATSUDA, Masaru	Molecular Genetics	Molecular mechanism of sexual development of medaka and genetic diversity of wild population in fish
Professor	MATSUMOTO, Hiromichi	Animal Breeding and Reproduction	Developmental biology of mammalian embryos during peri-implantation
Assoc.Prof.	KASHIWAGI, Takayuki	Crop Science	Research on genetic factors and environmental factors controlling agronomic traits of crops
Assoc.Prof.	KUROKURA, Takeshi	Horticultural Sciences	Molecular physiology of horticultural crops
Assoc.Prof.	MIYAKAWA, Hitoshi	Environmental Physiology	Research on molecular mechanism of arthropod environmental response and its evolution
Assoc.Prof.	NISHIGAWA, Hisashi	Plant Pathology	Research on molecular mechanism of pathogenicity of plant virus
Assoc.Prof.	NOMURA, Takahito	Plant Physiological Chemistry	Study on regulation of plant growth by plant hormones
Assoc.Prof.	OHNISHI, Takayuki	Plant Breeding	Research on genetic breeding of crops
Assoc.Prof.	SUZUKI, Tomohiro	Molecular bioinformatics	Purification and structural determination of natural products. Genetic analysis using next generation sequencing.
Assoc.Prof.	TAKAHASHI, Michiko	Plant Nutrition	Clarification of the roles of mechanism of nutritional stress tolerance in plants and metallic elements during reproductive growth
Asst.Prof.	NERIYA, Yutaro	Plant Pathology	Research on interaction between plant viruses and plant hosts

# 【 Division of Engineering and Agriculture/ Graduate Program in Material and Environment Chemistry】

nemistry	4		
Title	Name	Education specialty and research field	Research interest
Professor	FURUSAWA, Takeshi	Chemical Engineering, Catalysis	Research on catalyst development in chemical process
Professor	IIMURA, Ken-ichi	Interfacial Chemistry	Research on physical property and structure analysis, control and functionalization of interfacial molecular film
Professor	KATOH, Norihiro	Functional Polymer Chemistry	Design and development of functional soft materials in biotechnology
Professor	OBA, Toru	Supermolecular Chemistry, Bioorganic Chemistry	Development of molecules that regulate and analyze biological functions such as disease treatment and diagnosis
Professor	SATO, Masahide	Chemistry Engineering, Thermal and Mass Transfer	Research on synthesis and application of surface modification, nanomaterial and nanomaterial dispersion system
Professor	SATO, Takafumi	Chemistry Engineering	Research on reaction separation using supercritical fluid and membrane
Professor	TEZUKA, Keitaro	Inorganic Solid Chemistry	Synthesis and evaluation of new functional inorganic compounds
Professor	UEHARA, Nobuo	Analytical Chemistry	Research on development of functional substances in measurement chemistry
Assoc.Prof.	INAGAWA, Arinori	Analytical Chemistry	Development of microfluidic devices with ice as material and its application to separation science
Assoc.Prof.	ITO, Satoshi	Organic Chemistry	Synthesis of new heterocyclic compounds and development of functional organic materials
Assoc.Prof.	KARIKOMI, Michinori	Synthetic Organic Chemistry	Development of new synthetic reaction and synthetic study of unusual organic compounds
Assoc.Prof.	MATSUMOTO, Taki	Inorganic Synthetic Chemistry	Research on the creation of functional inorganic materials by liquid phase process
Assoc.Prof.	MOROHOSHI, Tomohiro	Bioengineering	Research on communication mechanism between bacteria
Assoc.Prof.	TAMESUE, Shingo	Supermolecular Chemistry, High Polymer Chemistry	Development of polymer functional materials using supramolecular bonding
Asst.Prof.	IWAI, Hidekazu	Catalytic Chemistry, Computational Chemistry	Research on development of photocatalyst using surface plasmons
Asst.Prof.	KIM Yuna	Organic functional materials chemistry	Development of functional chromogenic materials
Asst.Prof.	NASUNO, Eri	Biotic Function Engineering	Control and utilization research on microbial metabolic function using functional polymer material
Asst.Prof.	NIKATA, Toshiyuki	Environmental Bioengineering	Application of bacterial chemotaxis signaling system to environmental purification

[ Division of Engineering and Agriculture/ Graduate Program in Agricultural Biological Chemistry]

Title	Name	Education specialty and research field	Research interest
Professor	HABU, Naoto	Polymeric Biomaterials Science	Development and utilization of functional biomaterials
Professor	HASHIMOTO, Kei	Food Chemistry	Research on impact of cooking and processing to the functionality of food
Professor	KABUYAMA, Yukihito	Biochemistry	Research on advanced use of biological functional ingredients
Professor	MAEDA, Isamu	Applied Microbiology	Analysis of various functions of microorganisms and their applied research
Professor	NIHEI, Ken-ichi	Natural Products Organic Chemistry	Structural determination, chemical synthesis and biological evaluation of natural products
Assoc.Prof.	ISHIGURI, Futoshi	Wood Material	Growth and material of afforestation tree and tropical trees, tissue structure and chemical composition of broad-leaf tree reaction wood
Assoc.Prof.	KONNO, Naotake	Biopolymer Chemistry	Development and utilization of woody biomass
Assoc.Prof.	MIZUSHIGE, Takafumi	Biofunctional Chemistry	Biochemical research on functionality of biological components
Assoc.Prof.	TOYOSHIMA, Yuka	Nutritional Biochemistry	Studies on nutritional regulation of hormone action and metabolism
Assoc.Prof.	XIE, Xiao Nan	Natural Products Chemistry	Research on isolation and structure analysis and mass analysis of physiologically active substances
Assoc.Prof.	SATO, Yoshiaki	Livestock Feed Science	Studies on feeds for ruminants and rumen microbiome

# 【 Division of Engineering and Agriculture/ Graduate Program in Mechanical and Intelligent Engineering】

Title	Name	Education specialty and research field	Research interest
Professor	HASEGAWA, Hiroaki	Fluid Engineering	Application to aerospace, space, medical, sports fields based on fluid dynamics
Professor	MABUCHI, Yutaka	Micro-Nano Engineering	Research on ultra-low friction, thermal barrier and heat transfer function by thin film
Professor	OZAKI, Koichi	Robotics	Research on social implementation of robot technology and robot
Professor	SHIMAWAKI, Satoshi	Bioengineering, Medical Engineering, Welfare Engineering	Biofunction, measurement of movement, simulation
Professor	YOSHIDA, Katsutoshi	Mechanical Dynamics, Control	Research on modeling of motion and intellectual control
Professor	ZOU, Yan Hua	Advanced Precision Machining	Foundation and application of precision processing technology, magnetic processing technology
Assoc.Prof.	HOSHINO, Satoshi	Intelligent Robotics System	Intelligent Robotics, Artificial Intelligence, Machine Learning, Human- Robot Interaction, Group Intelligence
Assoc.Prof.	SATOH, Ryunosuke	Industrial Engineering, Machining	Research on fixed abrasive grinding, nanometer surface creation, etc.
Assoc.Prof.	SEKIKAWA, Munehisa	Nonlinear Dynamics	Research on synchronization phenomenon and chaos phenomenon of transducer
Assoc.Prof.	SHIRAYORI, Atsushi	Metal Forming Engineering, Elasto-Plasticity	Research on weight reduction of metal parts and molding process
Assoc.Prof.	WATANABE, Shin-ichi	Engineering Education, KANSEI Engineering	Research on psychological measurement method and psychological quantification
Assoc.Prof.	YAJIMA, Takahiro	Applied Dynamics, Applied Geometry	Differential geometric research in applied mechanics
Assoc.Prof.	YAMAMOTO, Tokujiro	Material Engineering	Research on creation and evaluation of new materials by material organization control
Asst.Prof.	NAKABAYASHI, Masataka	Biomechanics, Biomimetics, Medical Engineering	Biomimetics, Human Interface, Medical engineering, Welfare Engineering

# 【 Division of Engineering and Agriculture/ Graduate Program in Information, Electrical and Electronic Systems Engineering】

Title	Name	Education specialty and research field	Research interest
Professor	FUNATO, Hirohito	Electromagnetic Energy Engineering	Research on power electronics and renewable energy
Professor	HASEGAWA, Hiroshi	KANSEI Engineering, Acousticopsychology	Research on sensitivity information processing, acoustic signal processing, acoustic measurement, wave theory and its application
Professor	HASEGAWA, Madoka	Image Engineering	Research on image encoding, image processing, digital watermarking and usable security
Professor	HIGASHIGUCHI, Takeshi	Electromagnetic Energy Engineering	Research on fiber laser, solid state laser and extreme ultraviolet, soft X-ray light source
Professor	HIRATA, Mitsuo	Information and communications System Engineering	Research on advanced control theory and its industrial applications
Professor	IRIE, Akinobu	Electronic Property Engineering	Research on physical properties of high-temperature superconductor nanostructures and its applications to quantum functional devices
Professor	ISHIDA, Kunio	Electronic Property Engineering	Research on optical properties, semiconductor physics, quantum dynamics and their application to optical devices
Professor	ISHIKAWA, Tomoharu	Human Informatics, KANSEI engineering	Research on multimodal interface technology based on cognitive science and sensitivity engineering, virtual reality, psychophysics, and psychophysiology
Professor	ITOH, Satoshi	Medical Image Engineering	Research on MRI imaging algorithm and image reconstruction method and medical image processing
Professor	KOGAMI, Yoshinori	Information and communications System Engineering	Research on application to design technology of communication microwave and millimeter wave circuit, to material measurement technology of microwave and millimeter wave circuit, etc.
Professor	OOTSU, Kanemitsu	Computer System Engineering	Research on high performance computing system, parallel distributed processing
Professor	TOYAMA, Fubito	Information and communications System Engineering	Research on evolutionary computation, soft computing, and pattern recognition
Professor	YAJIMA, Tetsu	Mathematical Sciences, Physical Property Foundational Theory	Research on analysis of mathematical physics, computer physics and infinite degrees of freedom integrable system
Assoc.Prof.	AZUMA, Takehito	Information and communications System Engineering	Research on model control prediction etc. of system biology and hybrid system
Assoc.Prof.	FUJII, Masahiro	Information Statistics	Research on wireless communication network, intelligent transport system, and location information system
Assoc.Prof.	GOTOH, Hiroki	Electromagnetic Energy Engineering	Research on design and control technology of motor and generator, application to electric vehicle
Assoc.Prof.	KASHIWAKURA, Takayuki	Electronic Property Engineering	Research on X-ray spectroscopic analysis techniques and thin film fabrication techniques
Assoc.Prof.	KOIKE, Masafumi	Theoretical Physics, Elementary Particles Theory	Mathematical Physics and Theoretical Particle Physics
Assoc.Prof.	MORI, Hiroki	Information and communications System Engineering	Research on voice and spoken language information processing, speech dialogue system, etc.
Assoc.Prof.	MORI, Hiroshi	Media Informatics	Research on Computer graphics and mixed reality
Assoc.Prof.	SAKUMA, Hiroshi	Electronic Property Engineering	Research on spintronics and crystal structure analysis
Assoc.Prof.	SHIMIZU, Takashi	Information and communications System Engineering	Research on circuit design technology, material evaluation technology etc. in microwave and millimeter wave band
Assoc.Prof.	SUZUKI, Masayasu	Information and communications System Engineering	Research on advanced control theory and its industrial applications
Assoc.Prof.	YAMAKI, Kazuhiro	Electronic Property Engineering	Research on physical properties of high temperature superconductor nanostructures and its application to quantum functional devices
Assoc.Prof.	YODA, Hidehiko	Information and communications System Engineering	Research on the principle, design, analysis, fabrication, and evaluation of devices for optical fiber communication
Asst.Prof.	SAITOH, Yoshifumi	Electromagnetic Energy Engineering	Research on phenomena in plasmas, especially, dusty plasmas and waves in plasmas
		KANSEI Engineering,	Research on sound psychology, sound and sound environment design

nvironmental Sciences Education specialty and Education specialty and						
Title	Name	research field	Research interest			
Professor	AOYAMA, Masato	Animal Function and Morphology	Invention of animal management based on the morphology, physiology and ethology			
Professor	BANG, Sang Woo	Plant Thremmatology	Genetic breeding use of distant crosses in crucifers			
Professor	IWANAGA, Masashi	Molecular entomology	Functional utilization of insects and insect viruses, molecular biology			
Professor	KOBAYASHI, Hiroyuki	Weed Science	Weed ecology and management			
Professor	MATSUI, Masami	Field Mechanics	Research on the structure and utilization of field machines			
Professor	SAITOH, Takahiro	Environmental Control in Biology	Research on facilities horticulture, plant factory and food science			
Professor	SONODA, Shoji	Applied Entomology	Research on comprehensive pest management of agricultural pests			
Professor	YAMANE, Kenji	Horticulture	Research on physiology, ecology, production and utilization of horticultural crops			
Assoc.Prof.	AKASAKA, Maiko	Weed Science	Weed management and Plant protection			
Assoc.Prof.	HISHINUNA, Tatsuo	Agro-Environmental System Analysis	Verification and evaluation of low environmental load type agricultural and livestock production system			
Assoc.Prof.	IKEDA, Hiroki	Field Science of Horticultural Crops	Research on physiology and ecology of horticultural crops			
Assoc.Prof.	KASHIWAZAKI, Masaru	Postharvest Technology	Research on quality improvement and quality evaluation in agricultural product distribution			
Assoc.Prof.	KODERA, Yuji	Conservation Biology	Research on preservation of natural ecosystems and management of wildlife			
Assoc.Prof.	TAMURA, Masatsugu	Food Distribution Engineering	Research on food processing technology and quality evaluation			
Assoc.Prof.	NISHIO, Takayoshi	Vegetation Studies	Ecological study on vegetation and its plants			
Lecturer	KURIHARA, Nozomi	Animal Morphology	Research on the structure and function of the animal body, its formation and evolution			
Asst.Prof.	HAYAKAWA, Chie	Soil Science	Soil biogeochemistry and soil fertility			
Asst.Prof.	KOYAMA, Takuya	Crop Science	Plant root system and its functions			

# 【Division of Engineering and Agriculture/ Graduate Program in Agricultural and Environmental Sciences】

# **[** Division of Engineering and Agriculture/ Graduate Program in Forest Production and Conservation **]**

Title	Name	Education specialty and research field	Research interest
Professor	ARUGA, Kazuhiro	Forest operation system	Research on optimization in forest operation system
Professor	YAMAMOTO, Miho	Forest Policy	Research on institutional design for sustainable use of forest resources
Assoc.Prof.	AIZAWA, Mineaki	Forest Botany	Research on geographical variation of genetic, morphological and ecological characteristics of forest plant
Assoc.Prof.	HAYASHI, Uichi	Forest Economics	Economic analysis on forestry labor and timber market trend analysis
Assoc.Prof.	MATSUE, Keigo	Planning for Forest Management	Research on forest planning presupposing conservative use of forest resources
Assoc.Prof.	OHSHIMA, Jun-ichi	Forest Products Management	Research on forest damage and wood decay of damaged trees

# How to Access the Examination Venue

Shonan Shinjuku Line, Utsunomiya Line / approx. 1 hr. 50 min.

From Asakusa Station to Tobu Utsunomiya Station/ approx. 2 hr. 30 min.

Shonan Shinjuku Line, Tohoku Shinkansen /approx. 1 hr.15min. (Transfer at JR Omiya Station)

#### <u>Time from Tokyo</u>

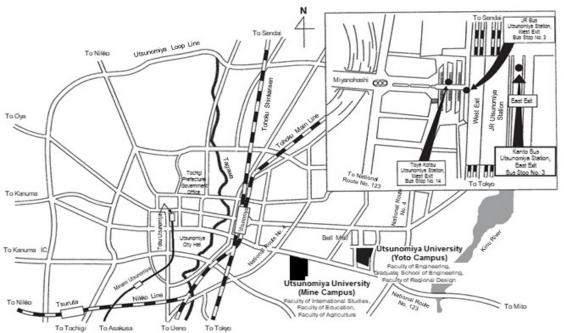
- •JR Tokyo Station:
- •JR Shinjuku Station:
- •Tobu Railway:
- •Haneda Airport:
- <u>Time from Sendai</u>
  - •JR Sendai Station:

Tohoku Shinkansen / approx. 1 hr. 20 min.

Ueno Tokyo Line, Utsunomiya Line/ approx. 2 hr.

Airport Limousine, Kanto Transportation / approx. 3hr.

Tohoku Shinkansen / approx. 1hr.



Access from JR Utsunomiya Station and Tobu Utsunomiya Station

OMine Campus (approx. 2.2 km from JR Utsunomiya Station)

•Kanto Bus (Bound for Mooka, Mashiko, Hoshinomori Junior and Senior High School, Bell Mall; Oroshi Danchi Junkan, etc.)

Board at JR Utsunomiya Station West Exit Bus Stop No. 14 and disembark at the Utsunomiya Daigaku-mae Bus Stop (approximately 10 min.) Board at Tobu Utsunomiya Station Bus Stop and disembark at the Utsunomiya Daigaku-mae Bus Stop (approximately 20 min.)

•Kanto Bus (Udai Junkan Line, clockwise and counterclockwise routes)

Board at JR Utsunomiya Station East Exit Bus Stop No. 3 and disembark at the Utsunomiya Daigaku-mae Bus Stop (approximately 10 min. for the counterclockwise route, and approximately 30 min. for the clockwise route)

◎Yoto Campus (approx. 4.2 km from JR Utsunomiya Station)

- LRT-Utsunomiya Light Rail "LIGHTLINE" (bound for Haga Machi Kogyo Danchi Management Center) Approximately 10 minutes by ride from Utsunomiya Station East Exit. Get off at 'Utsunomiya University Higashigawa Campus' and it's a 9minute walk."
- •Kanto Bus (Bound for Mooka, Mashiko, Hoshinomori Junior and Senior High School, Bell Mall, etc.) Board at JR Utsunomiya Station West Exit Bus Stop No. 14 and disembark at the Kogakubu-mae Bus Stop (approx. 20 min.) Board at Tobu Utsunomiya Station Bus Stop and disembark at the Kogakubu-mae Bus Stop (approx. 30 min.) Note: Buses bound for other destinations will not stop at Kogakubu-mae.

•Kanto Bus (Udai Junkan Line, clockwise and counterclockwise routes) Board at JR Utsunomiya Station East Exit Bus Stop No. 3 and disembark at the Udai Kogakubu Seimon Bus Stop (approx. 15 min.) Note: Buses come about every 30 minutes.

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