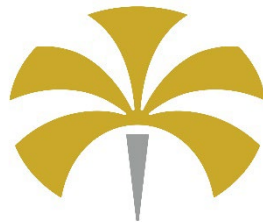


For International Applicants

Graduate School of Agriculture
Osaka Metropolitan University

Master's Program
Admission Guidelines for International Students

[For September, October 2025 Admission]



Please check the following website for any changes in the response to the selection process of applicants for admission, etc.

Osaka Metropolitan University Admission Guidelines Website (In Japanese only)

<https://www.omu.ac.jp/admissions/g/>



April 2025

Graduate School of Agriculture
Osaka Metropolitan University

Contents

Admission Policy of Graduate School of Agriculture	1
Master's Program	3
Faculty member lists	16

Admission Policy of Graduate School of Agriculture

Today, we are faced with numerous challenges on both the domestic and international levels. Global challenges include securing sustainable energy, resources and food, and addressing the global environmental deterioration symbolized by abnormal and extreme weather. Within Japan, we face urban environmental issues, food loss, and the extension of healthy life expectancy. The academic field of agriculture can contribute extensively to solve these problems. Educational research in the agricultural sector is also expected to play a key role in achieving the Sustainable Development Goals (SDGs) set by the United Nations. Graduate schools are also expected to play a central role in fostering "intellectual professionals" in current social reform (from the "Fourth Guidelines on Measures to Promote Graduate School Education"). Accordingly, the philosophy of education and research in the Graduate School of Agriculture is to develop human resources with a high level of understanding and deep insights into agriculture-related fields to realize the sustainable society necessary in Japan and overseas.

To realize this philosophy, the Graduate School of Agriculture seeks students with the following qualities, abilities, and motivations.

1. Those with a deep interest and understanding of agriculture.
2. Those with logical thinking abilities and an independent, inquiring spirit.
3. Those with sufficient basic skills in their major academic field of study and proficiency in English.

Master's Program

Admission Policy of Department of Agricultural Biology

The Department of Agricultural Biology aims to educate students to use the varied potential of biology to benefit human life and acquire knowledge to contribute to creating a sustainable society using biological sciences for the production and security of food, resources, and useful materials or in environmental conservation. The Department provides a broad range of education, from gene-level knowledge represented by molecular biology to field science, and also focuses on data science. Our philosophy of research and education is to train human resources with high-level expertise and broad perspectives, high research ethics, and the ability to conduct independent research.

To realize this philosophy, the Department of Agricultural Biology seeks students with the following qualifications, abilities, and motivations.

1. Those with the basic ability to understand various biological mechanisms from different perspectives, from the genetic and cellular level to the individual level, and are willing to contribute to the development of agricultural biology.
2. Those who can independently form hypotheses and experimentally test them to solve problems in various research areas related to agricultural biology.
3. Those who can learn research ethics and the appropriate handling of research results in society.

Based on these, we will select students with the following skills and aptitudes.

1. A wide range of basic and professional academic abilities to understand the diverse properties of organisms from different perspectives.
2. Creativity and logical thinking to independently formulate hypotheses and experimentally verify them.
3. Sufficient communication skills and English-language proficiency.

Admission Policy of Department of Applied Biological Chemistry

The Department of Applied Biological Chemistry conducts research on bioscience and biotechnology based on chemistry to clarify the various biological phenomena of living organisms and use the diverse life functions of biological organisms. The Department aims to train human resources capable of playing an active role in different social fields with advanced knowledge and skills in biological chemistry and research ethics.

To realize this philosophy, the Department of Applied Biological Chemistry seeks students with the following qualities, abilities, and motivations.

1. Those who are motivated to learn bioscience and biotechnology based on chemistry and contribute to the solution of various problems in modern society.
2. Those who can form hypotheses about problems in the advanced and diversified research fields of Applied Biological Chemistry and verify them experimentally.
3. Those who can learn research ethics and the appropriate handling of research results in society.

Based on the above, we will select students with the following skills and aptitudes.

1. A wide range of basic and professional academic abilities to understand the various functions of a wide variety of organisms at the molecular, cellular, and individual levels.
2. Independence and logical thinking ability to independently form hypotheses and experimentally verify them.
3. Sufficient communication skills and English-language proficiency.

Admission Policy of Department of Environmental Sciences and Technology

The Department of Environmental Sciences and Technology conducts education and research on science and technology based on regional studies to shed light on the ecosystems formed by various phenomena and interactions within the environment and biomes, including human activities, and address various environmental problems facing the region. The Department's philosophy of education and research is to train human resources who can contribute to the development of environmental science and technology.

To realize this philosophy, the Department of Environmental Sciences and Technology seeks students with the following qualities, abilities, and motivations.

1. Those with a deep interest in and understanding of the conservation and creation of an environment that contributes to the sustainable development of cities and urban areas, and are willing to contribute to the development of society.
2. Those who can formulate hypotheses about the advanced and diversified fields of environmental science and technology and verify them.
3. Those who can learn research ethics and the appropriate handling of research results in society.

Based on the above, students who have acquired the following 1 to 3 skills and aptitudes are selected.

1. A wide range of basic and professional abilities to understand the relationships between environmental factors such as air, soil, water, and organisms and ecosystems, and human life.
2. Creativity and logical thinking skills to form hypotheses and test them.
3. Sufficient communication skills and English-language proficiency.

Admission Guidelines for International Applicants

Master's Program

[1] Allocation of Admission Spaces

Department	Capacity
Department of Agricultural Biology	low enrollment capacity
Department of Applied Biological Chemistry	low enrollment capacity
Department of Environmental Sciences and Technology	low enrollment capacity

[2] Qualification for Admission

Non-Japanese nationals who have or are expected to obtain by the time of enrollment a valid “Student” visa as defined by the Immigration Control and Refugee Recognition Act and meet one of the following criteria. For those who have graduated or are expected to graduate from a Japanese university, only those who have been admitted or transferred to a university through the Special Selection for Foreign Students are eligible to apply.

- (1) Those who have completed 16 years of school education in foreign countries and those who are expected to complete their studies by September 30, 2025.
- (2) Those who have graduated from a university in Japan or who is expected to graduate by September 30, 2025.
- (3) Those awarded a degree from the National Institute for Academic Degrees and Quality Enhancement of Higher Education and those who is expected to receive a degree by September 30, 2025.
- (4) Those who have completed in Japan a 16-year course offered by a foreign school through correspondence in Japan and those who are expected to complete their studies by September 30, 2025.
- (5) Those who have completed in Japan relevant courses designated separately by the Minister of Education, Culture, Sports, Science and Technology at an educational institution that is positioned within the school education system of the relevant foreign country as one that provides university courses (*1). This also includes those who are expected to complete their studies by September 30, 2025.

*1 This applies only to those who have completed 16 years of course work as part of school education in the relevant foreign country.

- (6) Those who were awarded a degree equivalent to a Bachelor's degree by completing a course with a study period of at least 3 years at a foreign university or other foreign school (*2) and those who are expected to be awarded the degree by September 30, 2025.

*2 The comprehensive situation regarding educational research activities shall be limited to those who have been evaluated by the foreign government or persons recognized by related organizations or those designated by the Minister of Education, Culture, Sports, Science and Technology.

This includes completing in Japan, according to the information given above, the correspondence course offered by the relevant foreign school which is part of the education system of that foreign country.

- (7) Those who have completed a course after the date separately designated by the Minister of Education, Culture, Sports, Science and Technology in a specialized course offered by a vocational school (*3). This also includes those who are expected to complete their studies by September 30, 2025.

*3 Students must meet the standards specified by the Minister of Education, Culture, Sports, Science and Technology such as the duration of the course of study being at least 4 years and other standards.

- (8) A person designated by the Minister of Education, Culture, Sports, Science and Technology (Feb. 7, 1953 Notice No. 5 of the Ministry of Education).
- (9) A person who falls under any of the following and is recognized by the Graduate School as having acquired the designated credits with excellent results (so-called grade skipping).
 - a. Those who have studied at a university in Japan for at least 3 years and those who are expected to have attended the university for at least 3 years by September 30, 2025.
 - b. Those who completed a 15-year course as part of school education in a foreign country and those who are expected to complete their studies by September 30, 2025.

- c. Those who have completed a 15-year course which is part of the relevant foreign country's school education. The course subjects must have been completed in Japan through correspondence. This also includes those who are expected to complete their studies by September 30, 2025.
 - d. Those who have completed in Japan the relevant courses designated by the Minister of Education, Culture, Sports, Science and Technology offered by an education institution that is positioned within the school education system and one that delivers university courses (*4). This also includes those who are expected to complete their studies by September 30, 2025.
- *4 Applies only to those who have completed a 15-year course as part of school education in the relevant foreign country.
- (10) Those who are recognized by the Graduate School as having graduated from a university through the qualification examination and those who have an academic ability equal to or beyond that of a university graduate and are also 22 years of age by September 30, 2025.
 - (11) Those who are recognized by the Graduate School as having graduated from a university through the qualification examination and those who have an academic ability equal to or beyond that of a university graduate.

[Notes]

- (1) Applicants who qualify for admission per criteria (9), (10), and (11) must go through the qualification process described in "[3] Qualification Screening" in advance.
- (2) Applicants who do not have or will not obtain a "Student" visa, please contact the Admissions Office at least two weeks prior to the start of the online application registration period.

[3] Qualification Screening

Applicants who are eligible to apply for admission per qualification criteria (9), (10), or (11) must undergo the Qualification Screening as follows before applying. You are required to inform your prospective supervisor of your application before submitting your documents.

1. Submission Period

Acceptance period	June 3 – 5, 2025 [Deadline: June 5, 2025] * Please send by registered mail before the deadline.
Shipping address (Inquiries)	Osaka Metropolitan University, Admissions Office (Nakamozu Campus) 1-1, Gakuen-cho, Naka-ku, Sakai, Osaka, 599-8531, Japan TEL 072-254-8319 * Please write "Qualification Screening Documents for Application to the Graduate School of Agriculture" on the envelope.

Submissions may be made in person to the Admissions Office, 3F, Building A3, Nakamozu Campus, within the application period indicated above and only between the hours of 10 a.m. to 5 p.m. **Even when dropping off forms in person, please use an envelope and ensure it is sealed.**

2. Documents to be submitted

- (a) Applicants who come under the application qualifications (9) a
 - Applicant's Background and Curriculum Vitae (Form 1)
 - Student Status Certificate
 - Academic Transcript
 - * A transcript issued by the president of the applicant's previous university stating the number of credits and the grades of courses taken.
 - * Transfer students must also submit transcripts of grades from the educational institution they attended before transferring.
 - Material to gain an understanding of the course content taught at the university the student is currently enrolled in
- (b) Applicants who come under the application qualifications (9) b, (9) c or (9) d
 - Applicant's Background and Curriculum Vitae (Form 1)

- Certificate of completion or a document certifying expected completion
- Academic Transcripts
 - * A transcript issued by the president of the applicant's previous university stating the number of credits and the grades of courses taken.
 - * Transfer students must also submit transcripts of grades from the educational institution they attended before transferring.
- Documents on the details of classes at your previous university
- Research Background (Form 2)
- (c) Applicants who come under the application qualifications (10) or (11)
 - Applicant's Background and Curriculum Vitae (Form 1)
 - Certificate of Graduation (Completion)
 - Academic Transcripts
 - * A transcript issued by the president of the applicant's previous university stating the number of credits and the grades of courses taken.
 - * Transfer students must also submit transcripts of grades from the educational institution they attended before transferring.
 - Research Background (Form 2)

[Notes]

- (1) **Original copies of each certificate are required for submission. Copies will not be accepted.**
- (2) Form 1 and Form 2 may be downloaded from our website. You may use either the Japanese or English form.
- (3) When using a certificate bearing the test taker's maiden name (surname), please also submit an official document (excerpt from the family register etc.) that confirms the change of maiden name (surname).
- (4) If you are requested to submit additional documents by the Graduate School, please follow the instructions immediately.

3. Announcement of Result Qualification Screening

Prospective applicants will be notified of screening results prior to the beginning of the application reception period.

[4] Application Procedure

The application procedure involves the online application registration and submission of application documents.
Before applying, please consult in advance with the faculty member you would like to be supervised by.

1. Application Period


Heading	Period
Online application registration	July 4, 2025, 10:00 to July 11, 2025, 17:00
Submission of documents required for application	July 7 – 11, 2025 (postmarked by July 11, 2025) (Note) Please send by simplified-registered mail.

Note: If the application is sent from overseas, it is valid as long as it arrives in Japan by the last day of the application submission period. Please be sure to send the documents using a method that can be tracked.

Submissions may be made in person to the Admissions Office, 3F, Building A3, Nakamozu Campus, within the application period indicated above and only between the hours of 10 a.m. to 5 p.m. **Even when dropping off forms in person, please use an envelope and ensure it is sealed.**

2. Method of Application

Please follow Steps 1 – 6 below to submit your application.

Step1	● Advance Preparations			
	PC or other Operating Environment	● Applications can be registered from a PC, smartphone, or other device connected to the internet.		
	Printing Requirements	● Print the documents that need to be mailed on A4 paper.		
	E-mail Settings	● A notification e-mail will be sent when you register your application. Ensure that you have added @sak-sak.net to your safelist as an authorized sender so that you can receive e-mails from this domain.		
	Documents Necessary for Application	● Please refer to [4] Application Procedures 4 Application Documents and prepare them, so they may be submitted on time.		
	Envelope	● Please be sure to enclose your application documents in a commercially available square No.2 envelope (24cm x 33.2cm) with an “address label” attached. The “address label” can be printed from the online application site after payment of the examination fee, etc.		
▼				
Step2	● Accessing the Portal Site			
	● During the online application registration period, please access the portal via the University’s website to register your user ID and password and begin completing your online application.			
	University Website URL: https://www.omu.ac.jp/admissions/g/exam_info/inet-apply/			
▼				
Step3	● Application Registration			
	● Before submitting your application, please read the “Application Procedure,” and “Q&A” sections on the online application site accessible via the portal. ● Please verify all your entered information on the final confirmation screen, as you cannot change the input information after the application registration is completed.			
▼				
Step4	● Payment of Examination Fee			
	● Please pay the examination fee (30,000 yen) by any of methods (1)–(4), as per the instructions on the online application site. (See [4] Application Procedure 3. Examination Fee Payment Method) ● In addition to the examination fee, a handling fee (990 yen) is required.			
	(1) Credit card	(2) Convenience stores	(3) ATM (Pay-Easy)	(4) Net banking
▼				
Step5	● Printing the Application Confirmation Slip and Address Label			
	● Please access the online application site again and print the confirmation slip and address label single-sided on white A4 paper. ● Please complete printing within the registration period for the online application.			
▼				
Step6	● Sending the Required Documents			
	● Please send the application documents by simplified-registered mail (postmark valid). (See p.7 [4] Application Procedure 4. Application Documents) ● If you wish to submit the documents in person, please note the dates and times for submitting the documents. ● Application documents not submitted within the deadline will not be accepted. (See p.5 [4] Application Procedure 1. Application Period)			

3. Examination Fee Payment Method

The fees required for application registration are as follows.

- Admission certification fee: 30,000 yen
- Handling fee: 990 yen

Payment may be made through any of the following payment methods available. For detailed information on payment methods, please check the screen for the payment method selected on the “Select Payment Method” page of the online application site.

Payment Method	Handling Agency
(1) Credit card	VISA, MasterCard, JCB, AMERICAN EXPRESS, Diners Club Note: Only lump-sum payments are accepted.
(2) Convenience stores	7-Eleven, Lawson, Ministop, FamilyMart, Daily Yamazaki, Seicomart Note: Only cash payments are accepted.
(3) ATM (Pay-Easy)	Payments can be made at ATMs of financial institutions with the Pay-easy mark.
(4) Net banking	You can use the banking services of more than 1,000 banks across Japan, including major megabanks that support Pay-easy. * To avail yourself of this method, you need to have signed up for net banking.

4. Application Documents

- After registering your application and paying the examination fee, **please submit all the following documents within the submission period.** Please download the designated form from the University Website.
- Applicants who have undergone [3] Qualification Screening may omit documents that are duplicated in the Qualification Screening.
- The “Application Confirmation Form” and “Address Label” can be printed from the online application site after payment of the examination fee, etc., is completed.
- Ensure that you use a commercially available square No.2 envelope (24cm x 33.2cm) with the following address label attached.

Application Documents		Preparation
1	Application Confirmation Form (for submission to the university)	<ul style="list-style-type: none"> • After registering your online application and paying the examination fee, please print the application form on A4-sized paper from the online application site.
2	Application for Admission	<ul style="list-style-type: none"> • Please use either the Japanese or English form specified by the Graduate School. • Please paste 4cm x 3cm color photos taken within the last three months. • For photographs, it is acceptable to submit a color printout of the form with clear face photo data pasted on it.
3	Photo Card	<ul style="list-style-type: none"> • Please use the form specified by the Graduate School. • Please paste 4cm x 3cm color photos taken within the last three months. • For photographs, it is acceptable to submit a color printout of the form with clear face photo data pasted on it.
4	Certificate of Graduation (Completion) or Prospective Certificate (Documents Certifying Qualification for Admission) *Original copy (No copies allowed)	<ul style="list-style-type: none"> • Certificate issued by the president of the applicant's previous university stating that the applicant has received (or expects to receive) the degree. • For those who have received or are expected to receive a bachelor's degree in a foreign country, the certificate must clearly state the (expected) degree. If the certificate of completion and degree certificate are separate documents at your university, please submit both. • A certificate downloaded from websites and printed out is not acceptable.
5	Academic Transcript *Original copy (No copies allowed)	<ul style="list-style-type: none"> • A transcript issued by the president of the applicant's previous university stating the number of credits and the grades of courses taken. • Transfer students must also submit transcripts of grades from the educational institution they attended before transferring. • A certificate downloaded from websites and printed out is not acceptable.

6	Score certificate of either TOEIC L&R or TOEFL-iBT	<p>[Valid score certificate] Please submit either the original score certificate or a printed official digital certificate for the following exams taken. The original copy of the submitted score certificate will not be returned.</p> <p>1. TOEIC Listening & Reading OFFICIAL SCORE CERTIFICATE of TOEIC Listening & Reading test Please submit either (1) or (2). (1) PDF Digital Official Score Certificate downloaded from the TOEIC application site printed on A4 paper. * Certificates whose authenticity cannot be verified using a QR code will not be accepted. (2) Original copy of the Official Score Certificate sent to applicant</p> <p>2. TOEFL Test Taker Score Report of TOEFL-iBT test (test taker's copy of the score report) * Only the Test Date Score is used as the application score (the My Best™ score will not be used.) ▸ Score sheets downloaded (printed) from the website will not be accepted.</p> <p>[Valid examination period] Those who took the exam in or after August 2023</p> <p>[Application method] Please submit the documents at the time of application. In the cases described below, you may provisionally submit the score displayed online by printing it on A4 paper.</p> <p>(1) You have already taken TOEIC Listening & Reading Test, but have not received your Digital OFFICIAL SCORE CERTIFICATE yet. (2) You cannot submit the original copy of the OFFICIAL SCORE CERTIFICATE (which is sent to you by mail) on time because of postal delays.</p> <p>However, please submit the original copy of the Official Score Certificate by the deadline below (you can also send it by mail). If you do not submit the original copy, your English grade will be 0 points. Also, please be sure to submit the original copy of the provisionally submitted score. Changes such as submitting a score from another round will not be accepted.</p> <p>August 7, 2025, a.m.</p> <p>[Important notes]</p> <ul style="list-style-type: none"> • Score certificates from group special examination systems such as IP will not be accepted. • Score certificates from the home edition, etc., will not be accepted. • Score certificates sent directly from ETS to our university will not be accepted.
7	Letter of Recommendation	<ul style="list-style-type: none"> • From a supervising professor, superior authority from applicant's institute, from the applicant's university.
8	Applicant's Background and Curriculum Vitae (Form 1)	<ul style="list-style-type: none"> • Please use either the Japanese or English form specified by the Graduate School.
9	Copy of the residence card	<ul style="list-style-type: none"> • Please submit photocopies of both sides of the residence card. • Overseas residents must submit a copy of their passport (the page with the photo).
10	Address Label	<ul style="list-style-type: none"> • Please print it on A4 paper and attach it to a commercially available square No.2 envelope (24cm x 33.2cm). • For those who will be mailing the requirement from outside Japan, please do not use an address label. Write “3F, Building A3, 1-1 Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531, Japan” as the address and “Osaka Metropolitan University, Admissions Office” as the addressee.

[Notes]

- (1) Original copies of each certificate are required for submission. Copies will not be accepted.
- (2) No changes in the information will be accepted after the application procedure.
- (3) When using a certificate bearing the test taker's maiden name (surname), please also submit an official document (excerpt from the family register etc.) that confirms the change of maiden name (surname).
- (4) Submission of documents in languages other than Japanese or English must be accompanied by translations into either English or Japanese.

5. Notes for Applications

- (1) You must complete all the procedures for application registration, payment of the examination fee and others, printing of an application confirmation slip and an address label, and submission of the application documents (by mail or in person) within the "Application Period" as indicated on p.5 [4] Application Procedures, item 1. Please note that the application procedure is not completed if you only completed the steps of application registration and payment of examination fee.
- (2) Input of Applicant Information
Please enter an address where you can receive mail. If your address has changed since the announcement of successful applicants, please contact the Admissions Office (E-mail: gr-nyu-agriculture@omu.ac.jp) or submit a change of residence notification to the post office.
- (3) You cannot change the details in the application once registration has been completed. If you notice a mistake before paying the examination fee, please do not pay the fee, and begin registration again from the beginning. Additionally, you are not permitted to cancel an application once it has been accepted.
- (4) The "Application Receipt Number" listed on the application confirmation slip is not the examination number.
- (5) We cannot accept incomplete Applications for Admission. When registering the application, please ensure you include a contact number and e-mail address where you can be reached, as we may contact you if the application is incomplete.
- (6) Once paid, the examination fee shall not be refunded except for the following reasons.
Grounds for refund:
 1. If you paid the examination fee but did not apply.
 2. If the application documents are incomplete or otherwise unacceptable.
 3. In case of duplicate payment of examination fee.
 4. If you are a Japanese Government Scholarship student who is enrolled in the graduate school program.

Note: For information on how to obtain a refund for cases 1 through 3, please contact the Admissions Office within one month of the last day of the application submission period. In the case of 4, a refund will be made after enrollment.

6. Entrance examination card

For those who have completed the application procedure, an e-mail will be sent to the e-mail address registered at the time of online application with information regarding the "Entrance Examination Card" and "Instructions for the Examination".

Log in to the portal using the URL in the email and print the Entrance Examination Card on white A4 paper. Please be sure to bring the Card with you on the day of the examination (the Entrance Examination Card will not be mailed).

If you do not receive an e-mail two weeks before the examination date, or if there are any errors in the information on your Entrance Examination Card, please contact the Admissions Office.

(E-mail : gr-nyu-agriculture@omu.ac.jp)

7. Considerations for Examination

Persons with disabilities or in another situation that requires consideration for the examination, please contact the Admissions Office as soon as possible before submitting your application.

(E-mail : gr-nyu-ask3@omu.ac.jp)

[5] Examination Date and Location

Examination date	Examination time	Examination subjects	Examination locations
August 19, 2025	13:00–15:00	Special subject (Written examination)	Nakamozu campus building B11
August 20, 2025	10:00–	Special subject (Oral examination)	Nakamozu campus building B11, C17

Refer to the details of the examination will post at the entrance of building B11 at 9 am on the day of the examination.

〈Spare day〉

In the event that examinations cannot be held on the dates above owing to unforeseen circumstances, such as a natural disaster, they will be held on the contingency dates listed below.

Date when exam could not be conducted	Spare day	
Day 1 August 19, 2025	Day 1 : August 22, 2025 Day 2 : August 23, 2025	If the examination cannot be held on Day 1, then all examinations previously scheduled for Days 1 and 2 will be held on these contingency days.
Day 2 August 20, 2025	Day 2 : August 23, 2025	If examinations can take place as scheduled on Day 1 but not on Day 2, then all examinations previously scheduled for Day 2 will be held on this contingency day.

In the event that the entrance examination cannot be conducted as planned due to a natural disaster, etc., an “Emergency Notice” will be published on the University Website, so be sure to check it.

<https://www.omu.ac.jp/admissions/g/news/>

[6] Admission Selection Method

Comprehensive judgment will be made based on the tests of academic ability (written and oral examinations), English language (TOEIC or TOEFL results), and application documents.

1. Written examination

Specialized Subject Examination — As per the table below for each major.

【Department of Agricultural Biology】

Specialized Subject Examination	
Compulsory Subject	Elective Subjects (Please elect ONE subject from the following ten elective subjects.)
Basics of Agricultural Biology (Questions on the basic knowledge for Plant physiology [Photosynthesis, Use of Nutrition and Water etc.], Genetics [Genes and Genetic map etc.] and Biochemistry [Enzyme, Metabolism of Biomolecules etc.] etc.) References 1. Plant Physiology and Development, 6th Edition, by L. Taiz, E. Zeiger, I. M. Møller, and A. Murphy 2. Essential Cell Biology, 6th Edition, by B. Alberts, R. Heald, K. Hopkin et al. 3. Essential Genetics and Genomics, 7th Edition, by D. L. Hartl 4. Fundamentals of Biochemistry: Life at the Molecular Level, 5th Edition, by D. Voet, J. G. Voet, and C. W. Pratt	Plant Molecular Breeding Functional Genomics Cell Molecular Biology Metabolism and Biochemistry Plant Nutrition Plant Pathology Breeding and Genetics Food Safety Science Horticultural Science Crop Production Science

【Department of Applied Biological Chemistry】

Specialized Subject Examination	
Compulsory Subject	Elective Subjects (Please elect ONE subject from the following nine elective subjects.)
Applied Biological Chemistry (Questions on the basic knowledge for Biochemistry, Molecular Biology, Microbiology, Organic Chemistry, Enzyme Chemistry, Analytical Chemistry, etc.)	Nutrition Chemistry Applied Microbiology Bioresource Chemistry Food Chemistry Chemistry of Biological Macromolecule Natural Products Chemistry Fermentation Physiology Synthetic Organic Chemistry Biophysical Chemistry

【Department of Environmental Sciences and Technology】

Specialized Subject Examination	
Compulsory Subject	Elective Subjects (Please elect ONE subject from the following nine elective subjects.) (); keywords for each subject
General question on environmental sciences and technology (e.g. environmental problems, which concerns to mankind and various organisms)	Ecological Meteorology (Heat and gas transfers, Meteorology, Climate modification and climate change) Environmental Control in Biology (Plant responses to environment, Interactions between plants and environment, Biomass utilization) Geo-environmental Engineering (Geotechnical Engineering, Greening base, Design and maintenance of facilities) Science and Engineering of Hydrological Environment (Hydrological cycle, Water quality, Watershed and irrigation management, Water and soil) Environmental Engineering in Biological Production (Instrumentation technology, Bioproduction engineering, Management of bioproduction environment, System engineering in bioproduction environment) Landscape Planning and Design (Urban and rural landscape design, Open space planning, Urban park planning and design) Landscape Architecture and Conservation (Conservation ecology, Vegetation management, Nature restoration) Regional Landscape Management (Regional environment management, Symbiosis with regional ecology) Environmental Entomology and Zoology (Insect systematics, Insect physio-ecology, Animal ecology, Conservation of biodiversity)

2. English Grade Evaluation.


Based on the results of TOEIC Listening & Reading public testing or TOEFL-iBT.

3. Oral Examination

Details will be posted at the examination site.

[7] Announcement of Successful Applicants

1. Announcement of successful applicants

Date and time of announcement	Place of publication
September 2, 2025, 10:00	https://www.omu.ac.jp/admissions/g/exam_info/pass/ 

The examination numbers of successful applicants will be posted on the University Website, from 10:00 on the day of the announcement to 17:00 on the seventh day from the announcement. Please note that the university will not respond to any inquiries regarding the results by telephone or other means.

2. Letter of Acceptance and Enrollment Procedure Guide

A letter of acceptance and an Enrollment Procedure Guide will be mailed to successful applicants via simplified registered mail on the day of announcement. Please note that these can only be mailed to an address in Japan.

[8] Enrollment Procedures

1. Date of Enrollment


September 24, 2025

* Date of enrollment of those who meet application qualification during September 24 to 30, 2025 will be October 1, 2025.

2. Enrollment Procedures

In line with the information in the Enrollment Procedure Guide, please carry out the necessary procedures via the portal in accordance with the schedule below. Enrollment activities must be performed using the online system.

* Applicants who applied on the basis of prospective graduation (completion) or similar should submit their certificate of graduation (confirming completion of the referenced course of study) or the equivalent before the deadline in line with the instructions in the Enrollment Procedure Guide.

Online registration period	September 12, 2025, 10:00 to September 17, 2025, 15:00
Portal Site (Online system)	https://www.omu.ac.jp/admissions/g/exam_info/general/procedure/ 

[Notes]

- The enrollment fee must be paid during the online registration period. A payment fee will be charged depending on the selected payment method. Please see “[9] School fees (Enrollment Fee and Tuition Fee)” for details regarding these charges.
- Those who fail to complete the enrollment procedures during the specified period will be assumed to have decided not to enroll.

[9] School fees (Enrollment Fee and Tuition Fee)

The current schedule for academic fees (enrollment and tuition fees) is as follows, both of which are subject to revision. Please be sure to check the details in the enrollment procedure guide.

(Note: fees already paid will not be refunded.)

1. Enrollment Fee: Osaka residents and their children: 282,000 yen; Others: 382,000 yen

“Osaka residents and their children” shall apply to the following persons who have completed the prescribed procedures and have been approved.

(1) Eligible individuals

Either the enrollee or a parent who is in the same family register as the enrollee must continue to have a resident record in Osaka Prefecture for at least one year prior to the enrollment date (before September 24, 2024). However, those who become eligible for admission between September 24, 2025, and September 30, 2025, must continue to have a resident record in Osaka Prefecture (before October 1, 2024). The same requirements apply to those who do not have Japanese nationality.

(2) Required documents

Certificate of residence (for all eligible applicants), certificate of all items of the family register (for those applicable), and other official documents.

* These documents should have been issued no more than one month prior to the online registration period. Details can be found in the Enrollment Procedure Guide.

- Please pay the enrollment fee during the specified period.
- In addition to the enrollment fee, the payment fee must be paid.
- Payment can be made via the three methods listed below. For more details about payment options, please consult the webpage corresponding to your chosen method while enrolling via the online system.

Payment methods and fees	Handling Agency
(1) Credit card Osaka residents and their children: 6,500 yen Others: 8,500 yen	VISA, MasterCard, JCB, AMERICAN EXPRESS, Diners Club Note: Only lump-sum payments are accepted.
(2) ATM (Pay-Easy): 1,250 yen	Payments can be made at ATMs of financial institutions with the Pay-easy mark.
(3) Net banking: 1,250 yen	You can use the banking services of more than 1,000 banks across Japan, including major megabanks that support Pay-easy. * To avail yourself of this method, you need to have signed up for net banking.

Note: Regarding payment methods (2) and (3), some institutions may impose additional usage charges.

Please consult the relevant institution's website or customer service in advance.

- The enrollment fee is not refundable for any reason after the completion of the enrollment procedure.
- The university does not allow for deferrals of the entrance fee payment.

2. Tuition fee [Annual amount]: 535,800 yen

- Tuition is to be paid semi-annually (First and Second Semester) in the amount equivalent to half of the annual tuition fee by direct debit from the bank account you register.
- The tuition fee will be debited from your bank account on May 27 for the first semester and October 27 for the second semester. If the debit date falls on a holiday of a financial institution, the debit date will be the next business day.
- If the tuition fee is revised during the student's enrollment, the revised amount may apply.
- For students who have applied for tuition reduction and exemption or are long-term study students, the amount of tuition fee and the date of withdrawal for the relevant year may differ.

3. Other

- (1) Separate fees are required to join various organizations.
- (2) Expenses (transportation, etc.) for moving between campuses may be required.
- (3) A personal laptop computer is required.

In addition to registering for classes, viewing grades, and communicating with others, students will be expected to use the system for classes, distributing materials and submitting assignments using electronic files as much as possible, and promoting education and research using computers. We ask all new students to have their laptop computers ready by the time classes begin. Please refer to the required specifications for laptop computers (for the 2025 academic year), which are available on the University's website. For those who have difficulty in preparing a laptop computer due to financial circumstances, we offer a one-year loan program.

<https://www.omu.ac.jp/campus-life/course/academic-calendar/index.html#pc>



- (4) Some graduate schools require a practical training fee. Details on the amount, etc. will be announced at the orientation of the graduate school.

[10] Long-Term Study System

The standard term of study for the Master's Program is two years.

For students who have difficulty completing the program within the standard two-year period because they are working or have difficulty finding sufficient time to study due to childcare, nursing care, etc., a long-term study system is available to enable them to complete the program over a certain period of time beyond the standard two-year period. Details are posted on the University Website. Please check the details and complete the procedures as soon as possible before using the system.

<https://www.omu.ac.jp/contribution/recurrent/longcourse/index.html>

[11] Other

1. Handling of Personal Data

In compliance with legislation on the protection of personal data and regulations on the handling and custody of personal data within the University Public Corporation of Osaka, Osaka Metropolitan University aims to minimize data collection. We use and store any data we collect appropriately in accordance with the relevant laws and regulations, etc.

(1) Definition of personal data

Personal data comprise names, addresses, telephone numbers, examination numbers, email addresses, dates of birth, results, health information (collected for the purpose of support provision), and other information that could allow an individual to be identified (including items that do not facilitate individual identification on their own but can be easily matched with other information thereby allowing an individual to be conclusively identified).

(2) Use of personal data

- Personal data such as examination results, which are necessary to screen applicants for admission, are utilized in the applicant screening process and enrollment procedure. They are also used in research and surveys related to improving the efficacy of the entrance examination. Examples are follow-up surveys, analyses and surveys of applicant trends, tasks related to supporting students during their tenure at the University (regarding, for example, scholarships and tuition fees, student counselling, and health management), FD(* 1) activities including those aimed at improving the quality of education provided, and IR(* 2) activities including those aimed at improving the running of the University. (For those who provide information while enrolling, the disclosed data may also be analyzed in combination with personal data collected after enrollment.)
- The University uses personal data for academic research. However, research outcomes are not published in a form that allows individuals to be identified.
- The University may outsource the computerization, processing, and analysis of data to third parties, as well as the production of statistics and printing and binding. When the University supplies all or some personal data to a business for outsourcing, the business in question is contractually obligated to follow protection and storage stipulations that conform with legislation on personal data protection.

*1 FD means faculty development, which refers to the systematic efforts of faculty to improve and enhance teaching content and methods.

For example: Teaching method workshops and training sessions for newly appointed teaching staff

*2 IR means institutional research. In this context, it refers to the University's collection and analysis of internal data to improve institutional management, provide the highest quality student support and education, and inform the planning, implementation, and testing of other improvement measures.

2. Providing Information on Individual Results

Information on individual results will be provided as follows.

(1) Period

November 5, 2025, 10:00 to November 28, 2025, 15:00

(2) Eligible Persons

Only the examinees themselves.

(3) How the information is provided

Please check your results by logging in to the portal using the URL below.

https://www.omu.ac.jp/admissions/g/exam_info/score/



3. In the event that the entrance examination cannot be conducted as planned due to a natural disaster, etc., an “Emergency Notice” will be published on the University Website, so be sure to check it.

<https://www.omu.ac.jp/admissions/g/news/>

4. If any false information is found in the application documents, or if the applicant is found to have committed any misconduct on the entrance examination, the admission approval may be revoked even after the enrollment procedure has been completed.

5. If a student who has applied and completed the admission procedures with the expectation of graduating or receiving a degree fails to graduate or receive a degree by September 30, 2025, their admission will be cancelled.

6. The second semester starts from September 24, and the classes are open for those admitted in October 1.

7. OMU (Osaka Metropolitan University) stipulates the regulations for security export control in accordance with the Foreign Exchange and Foreign Trade Act, and strictly reviews all items and technologies to be exported from the university. If you have conflict of interest with any regulations set by OMU, you may not be eligible for education and research of OMU.

Please note that you may be asked to submit documents as necessary.

[12] Financial Aid

The University has financial aid programs available to students, such as tuition fee reductions and scholarships. Details on these programs and how to apply are available on the University Website.

<OMU (Osaka Metropolitan University) Financial Aid and Scholarships >

<https://www.omu.ac.jp/en/admissions/financial-aid/>



* Please see below for information on financial aid programs available to international students.

Tuition reduction <https://www.omu.ac.jp/campus-life/information/exemption/>

Scholarships <https://www.omu.ac.jp/campus-life/information/scholarship/>



【Tuition reduction】



【Scholarships】

[13] Inquiries

For additional information and clarifications, please contact the Admissions Office at the following address:

Osaka Metropolitan University

Admissions Office

1-1, Gakuen-cho, Naka-ku, Sakai, Osaka, 599-8531, Japan

(E-mail : gr-nyu-agriculture@omu.ac.jp)

Graduate School of Agriculture

Faculty member lists

【Department of Agricultural Biology】

(As of April 1, 2025)

Status	Name	Research and Education Fields
Professor	AOKI Koh	Functional genomics of vegetable crops. Cell-to-cell communication in the co-construction of junction tissues between the parasitic plants and their hosts.
Professor	INADA Noriko	Cell biology-based research for production of plants with useful traits, Intracellular temperature imaging
Professor	KOIZUMI Nozomu	Plant molecular breeding, Metabolic engineering, Regulation of gene expression in plants, Risk communication of GMO
Professor	OKAZAWA Atsushi	Chemical, biological, and biotechnological control of parasitic weeds, Metabolic engineering of useful plant specialized metabolites
Professor	SASAKI Nobuhiro	Biosynthesis of plant pigments, Plant molecular biology, Plant biochemistry, Food safety
Professor	TAKANO Junpei	Plant Nutrition, Regulation of nutrient transporters and its application
Professor	TOJO Motoaki	Plant pathology, Crop protection, Taxonomy and epidemiology of oomycetes plant pathogens
Professor	YAMAGUCHI Yube	Food safety, Crop stress responses and their impact on food production
Professor	YOKOI Shuji	Plant Breeding, Characterization of phase change in plants
Associate Professor	IWATA Yuji	RNA-mediated regulation of gene expression and its application in plants
Associate Professor	MOCHIZUKI Tomofumi	Molecular mechanisms of viral pathogenicity and adaptation
Associate Professor	OGATA Yoshiyuki	Function and evolution of genes based on homology analysis
Associate Professor	OHE Masamichi	Stable, high yielding and safe cultivation methods of paddy rice, Food crop science, crop physiology and crop ecology
Associate Professor	SHIOZAKI Shuji	Pomology, Chemical regulation of fruits development and quality, Development of bioactive compounds in fruits, Propagation of wild Grapes
Associate Professor	TEZUKA Takahiro	Plant breeding, Analysis of reproductive isolation (especially hybrid lethality) observed in wide hybridization, Development of DNA markers
Associate Professor	WADA Teruo	Vegetable crop sciences, Hydroponics, Soilless culture, Plant factory
Lecturer	FUKADA Takashi	Molecular cell biology of mammalian cells, mainly on their response to mechanical stimuli and role of cytoskeletal structures
Lecturer	OGAWA Takumi	Molecular plant-microbe interactions, Metabolomics
Assistant Professor	SHIRAGAKI Kumpei	Breeding stress-tolerant crops, Hybrid vigor, Genetic diversity
Assistant Professor	SOTTA Naoyuki	Nutrient transport systems and mechanisms of environmental adaptation in plants
Assistant Professor	TSUSHIMA Ayako	Plant disease diagnosis using genomic data, Evolutionary genomics of plant pathogenic fungi
Assistant Professor	YANASE Masanori	Plant breeding and propagation

【Department of Applied Biological Chemistry】

(As of April 1, 2025)

Status	Name	Research and Education Fields
Professor	AKIYAMA Kohki	Chemical identification and functional analysis of signalling molecules involved in the development of mycorrhizal symbiosis
Professor	FUJIEDA Nobutaka	Creation of enzymes, peptidases, and nanozymes
Professor	INUI Takashi	Drug delivery system by transporter protein, Enzymes for the biosynthesis of nucleic acids in parasite, Identification of allergen proteins
Professor	KATAOKA Michihiko	Screening and application of microbial enzymes to the production of useful compounds
Professor	SAKAMOTO Tatsuji	Functional analysis of microbial polysaccharidases, Biotechnological utilization of plant biomass
Professor	TANIMORI* Shinji	Organic and Bioorganic Chemistry, Chemical Biology, Organometallic Chemistry, Heterocyclic Chemistry
Professor	WATANABE Yoshiyuki	Process engineering for effective use of food materials
Professor	YAMAJI Ryoichi	Signaling mechanisms of nutrients or non-nutrients, Nutraceuticals (functional food factors, etc.) for skeletal muscle health
Associate Professor	HARADA Naoki	Hormonal regulation of macronutrient metabolism, Functional foods and metabolic homeostasis
Associate Professor	ISHIBASHI Osamu	Molecular pathological analysis and diagnostics based on transcriptomics, genome-based drug discovery
Associate Professor	KAI Kenji	Bioactive natural products chemistry, Chemical communication among microbes
Associate Professor	KISHIDA* Masao	Analysis of available yeast strains which bred by gene-activation mutagenesis and cell fusion
Associate Professor	MIURA Natsuko	Enzyme evolution, Molecular basis of microbial metabolic regulation under stress
Associate Professor	SONODA Motohiro	Designing and synthesis of bioactive compounds, Synthesis of fused heteropolycyclic compounds
Associate Professor	SUMITANI Jun-ichi	Functional improvements of carbohydrate hydrolases and diagnostic Enzymes from microorganisms, Regulatory mechanisms of their genes
Associate Professor	TANI Shuji	Molecular genetics in Fungi and Oomycetes, Gene regulation
Associate Professor	UEDA Mitsuhiro	Biomass, Biological waste treatment, Bioenergy, Biotransformation, Bioremediation
Lecturer	MORITA Yoshitsugu	Design and function modulation of protein-based artificial enzymes
Lecturer	NAKAZAWA Masami	Biochemistry and gene manipulation of <i>Euglena gracilis</i>
Assistant Professor	KITAKAZE Tomoya	Carotenoid and retinoid signaling, Molecular nutrition, Myokine
Assistant Professor	NISHIMURA Shigenori	Kinetic study and structure biology of amylase and related enzymes
Assistant Professor	TAKADA Hiromi	Understanding crosstalk mechanisms between gut microbiota species and the host, and their applications to human health
Assistant Professor	TAKASHIGE Shisei	Drying and powderization for the purpose of stabilization of food materials

*This person will retire at the end of March 2026.

【Department of Environmental Sciences and Technology】

(As of April 1, 2025)

Status	Name	Research and Education Fields
Professor	HIRAI Norio	Animal ecology, Biological interaction, Biodiversity, Life history of insects
Professor	HORINO* Haruhiko	Hydrological cycle, Multi-functional roles of agricultural production system, Sustainable management of water environment
Professor	KAGA Hiroyuki	Landscape management, Ecological planning, Symbiotic society
Professor	SAKATA Satoshi	Agricultural water management, Adaptation to climate change, Smart agriculture
Professor	SHIBUYA Toshio	Plant–environment interactions, Environmental stress in plants, Controlled-environment horticulture
Professor	YAMADA Hiroyuki	Urban climate, Micrometeorology, Thermal environment, Urban greenery
Associate Professor	AONO Yasuyuki	Urban climatology, Heat budget analysis, Satellite remote sensing, Climatic analysis of plant phenology
Associate Professor	KIMATA Takashi	Geotechnical engineering, Construction and materials, Soil test, Numerical analysis
Associate Professor	MATSUO Kaoru	Landscape planning and design, Ecological Planning, Urban Environment, GIS
Associate Professor	NAKAGIRI Takao	Conservation of water resources and the environment, Hydrological cycle, Hydrology, Basin water management
Associate Professor	NAKAMURA Akihiro	Revegetation, Biodiversity, Environmental effects, Forest management
Associate Professor	NISHIURA Yoshifumi	Systematization and robotization for environment-conscious bioproduction, Bioinstrumentation and control engineering, Phytotechnology
Associate Professor	OTSUKA Yoshitaka	Urban green space, Preventive medicine, Social capital, Social determinants of health, Horticultural welfare, Behavior change
Associate Professor	TAKEDA Shigeaki	Landscape planning and design, Residential environmental planning, New town revitalization
Associate Professor	TANIGAWA** Torahiko	Conservation of global water resource and the environment, Subsurface irrigation, Soil
Associate Professor	UEDA Moeko	Vegetation landscape, Cultural landscape, Historic greenery, Satoyama conservation activities
Associate Professor	UEDA Shouhei	Environmental entomology and zoology, Evolutionary ecology, Conservation biology, Biological interaction, Alien species control
Associate Professor	UEYAMA Masahito	Micrometeorology, Terrestrial Ecosystem, Urban Climate, Remote Sensing, Trace Gas exchange, Greenhouse gases
Lecturer	ENDO Ryosuke	Biomass utilization in plant production for sustainable agriculture, Non-destructive imaging analysis for evaluation of plant responses
Lecturer	SAKURAI Shinji	Substance behavior in the water-soil-plant systems, Hydrological cycle, Management of water quality, Environmental conservation in basin water
Assistant Professor	KUDO Yosuke	Landscape of structures, Multifunctionality, Performance-based design, Maintenance for infrastructures
Assistant Professor	TERADA Saeko	Conservation Science, Biodiversity conservation, Wildlife management, Sustainable use of wildlife

*This person will retire at the end of March 2026.

**This person will retire at the end of March 2027.