Master's and Doctoral Programs in
Intelligent and Mechanical Interaction Systems,
Degree Programs in Systems and Information Engineering,
Graduate School of Science and Technology

筑波大学
University of Tsukuba

筑波大学 大学院
理工情報生命学術院
システム情報工学研究群
知能機能システム学位プログラム

University of Tsukuba

IMAGINE THE FUTURE

XR/Media
XR・メディア

Human Robotics
ヒューマン ロボティクス

Neuroengineering
ニューロエンジニアリング

Engineering Physics
エンジニアリング フィジクス

2026-2027

GREETINGS FROM THE PROGRAM CHAIR

What do you think of when you hear the word **intelligence**?
Many people associate it with artificial intelligence, systems capable of rapid computation and sophisticated reasoning. Yet intelligence is not limited to algorithms. It is the ability to identify structure within complexity, to adapt to uncertainty, and to generate meaningful responses in dynamic environments. It is a creative and relational capacity.

Now consider **how intelligence engages with the world**.
Intelligence becomes transformative when it is embodied. When it interacts with physical space, with human beings, with machines, and with natural systems. It is realized in robots that support and empower people, in neuroengineering systems that explore and augment brain function, in extended reality technologies that integrate physical and virtual environments, and in engineering systems that connect society and the natural world.

Intelligent and Mechanical Interaction Systems is an academic field devoted to integrating intelligence with physical embodiment and interaction. Rather than separating information from matter, or theory from implementation, our discipline seeks to co-design intelligent systems that operate within real environments and collaborate with people. It aims to create engineering systems in which diverse elements interact harmoniously across boundaries between information and physics, humans and machines, design and analysis.

Our degree program encompasses four major domains: Engineering Physics, Human Robotics, Neuroengineering, and XR/Media. Across these areas, internationally active researchers engage with students not only through supervision, but through shared exploration and collaborative inquiry.

Located in Tsukuba Science City, our program benefits from a uniquely rich research ecosystem. Through the Collaborative Graduate School system with the National Institute of Advanced Industrial Science and Technology (AIST) and other leading research institutions, students gain access to interdisciplinary and practice-oriented research opportunities at the forefront of science and technology.

We welcome students from diverse academic backgrounds, both from Japan and around the world. Supported by a multi-supervisor mentoring system and a carefully structured curriculum that strengthens both foundational and advanced expertise, students are encouraged to deepen their research from multiple perspectives. Our educational framework is designed not only to challenge, but also to support ambitious inquiry.

Studying here is not simply about acquiring established knowledge. It is an invitation to step into the unknown, to formulate original questions, and to envision new forms of society through the integration of intelligence and interactive physical systems. We invite you to join us in designing the future of intelligent interactions.

Together, let us build the foundations of the next generation of human-centered systems.

Master's and Doctoral Programs
Degree Program Leader
Hajime Nobuhara

EDUCATIONAL PURPOSE

Master's Program

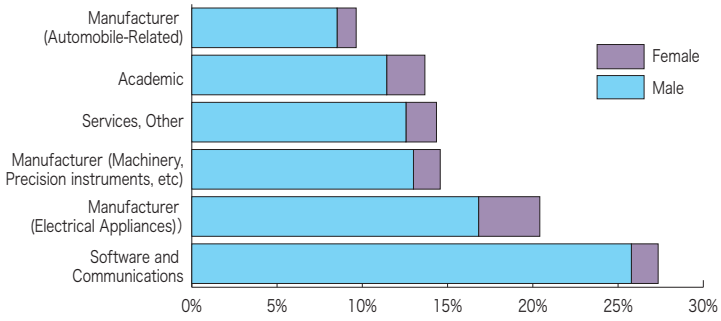
The Master's Program aims to foster highly skilled professionals with a solid foundation of engineering knowledge and a strong ethical framework. Through focused study of Intelligent and Mechanical Interaction Systems, students acquire fundamental knowledge, technical skills, and research capability, enabling them to identify and solve problems from a broad, integrative perspective.

Doctoral Program

The Doctoral Program aims to foster researchers and highly-skilled professionals with extensive knowledge and a strong ethical foundation in engineering. Through in-depth study of Intelligent and Mechanical Interaction Systems, students acquire advanced expertise, technical proficiency, and original research capability, enabling them to identify and address relevant challenges from a broad and comprehensive perspective.

CAREER PATH AFTER GRADUATION*

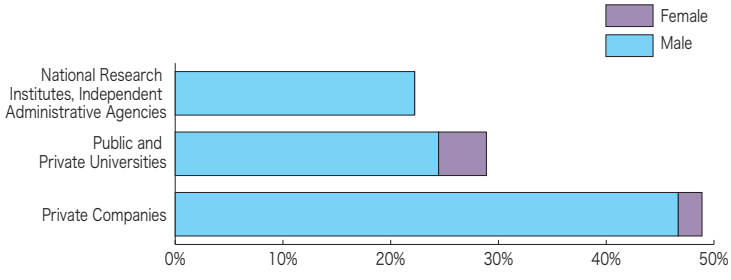
Graduates of the Intelligent and Mechanical Interaction Systems Degree Programs are pursuing successful careers in a wide range of industries and research institutes:



Master's graduates career path

After completing the Master's program, the main areas of employment are manufacturers of electric appliances, consumer electronics, machinery and precision systems, the automotive industry, information and communication networks, and services, among other sectors.

(*Based on the graduate survey for AY2021-2024)



Doctoral graduates career path

Students completing the Doctoral Program are mainly found at private companies, in national public and private universities, national research institutions, and independent administrative agencies.

(*Based on the graduate survey for AY2021-2024)

FACILITIES

Research Fields

		Research Area	Description
Degree Programs in Systems and Information Engineering	Degree Programs in Intelligent and Mechanical Interaction Systems	Engineering Physics	An interdisciplinary systems field, exploring macro to mesoscopic systems related to humans and the environment
		Human Robotics	An interdisciplinary systems field, encompassing AI, cybernics, human augmentation, and mobility
		Neuroengineering	An interdisciplinary systems field addressing cognitive neuroengineering and engineering based brain and neural systems
		XR/Media	An interdisciplinary systems field, focused on VR/MR, haptics, and media technologies
	Degree Program in Empowerment Informatics		Human informatics, virtual reality, human-machine symbiosis, cybernics, cognitive psychology, business studies, art and design, Kansei informatics, clinical medicine, rehabilitation, and nursing

UNIQUE ADVANTAGES OF IMIS

Our programs offer well-structured and comprehensive learning environments designed to help students build expertise step by step. In line with the graduate school system, which awards degrees upon completion of a defined curriculum, we enhance the quality of education through the following initiatives to foster meaningful academic and professional growth.

1. Strengthening the Connection Between the Master's and Doctoral Programs:

Graduate courses in IMIS are divided into Master's and Doctoral programs; however, it offers a unique, continuous five-year educational curriculum that integrates both stages. In collaboration with the College of Engineering Systems, we also provide comprehensive educational pathways spanning six years (undergraduate school + Master's degree) or nine years (undergraduate school + Master's and Doctoral degree), designed to develop engineers and researchers who can meet the evolving demands of society. Students entering directly into the Master's or Doctoral program, can still benefit from a comparable educational experience through introductory mathematics courses, supplemental education, and specialized laboratory work.

2. Achievement Evaluation Based on Competence Points:

To ensure that students acquire the knowledge and skills (competencies) required for degree completion, we have introduced an achievement evaluation system based on competence points. Using an achievement evaluation sheet, students can assess which competencies they need to strengthen and plan their coursework accordingly. Presentations at academic conferences and TOEIC scores are also including in the evaluation. For working students with documented relevant achievements, the program enables them to concentrate on cultivating competencies they have not yet mastered.

3. Curriculum Designed to Develop Research Skills:

In addition to specialized courses, the program offers a range of basic subjects to strengthen research capabilities. These include core studies, foundational mathematics, tool-based exercises, English communication practice, collaborative laboratory training, and advanced special exercises.

4. Multiple Supervisor System:

This program adopts a multi-advisor system in which each graduate student is guided by one main supervisor and two assistant supervisors. In addition to research activities in their home laboratory, students can participate in seminars and receive advice from their assistant supervisors during graduate school sessions. Learning from multiple faculty members with diverse perspectives helps students deepen their understanding of their research and enhance their presentation skills. Another distinctive feature of this program is the close interaction between faculty and graduate students.

5. Graduate School Seminars:

Effectively communicating research findings is essential for disseminating progress and new discoveries. Likewise, the ability to ask appropriate and insightful questions is crucial for researchers and engineers to deepen understanding and gather relevant information. In this program, students present their research and engage in question-and-answer sessions designed to foster active discussion. These sessions are held weekly in a multidisciplinary setting, where presenters receive direct feedback from supervisors, other faculty members and fellow students. In addition, a poster presentation is held at the end of the fall semester. Many company representatives attend this event, which also serves as an opportunity for career networking.

6. Cooperative Graduate School Program:

Tsukuba City is home to numerous research institutions in addition to the University of Tsukuba, fostering active scientific exchange across organizations. In this program, students can earn their degree under the supervision of faculty members affiliated with the National Institute of Advanced Industrial Science and Technology (AIST) as part of the Cooperative Graduate School Program.

7. Dual Degree Program (Details on next page):

The Dual Degree Program (DDP) enables students enrolled in the Doctoral program (main degree program) to also pursue a Master's degree corresponding to a different graduate school program by the time of graduation. As part of this sub-degree program, students can participate in lectures and academic activities corresponding to other graduate school programs different from the main degree program, allowing them to earn a Master's degree in addition to their Doctoral degree.

8. Promotion of Early Completion Programs (Details on next page):

8.1. Early Completion of Doctoral Program for Working Students.
8.2. Early Completion Program for general students.

9. Support for working students:

In the Doctoral program, working students can complete their studies by taking courses mainly instructed by their academic advisors, such as specialized research subjects and scientific communication and presentation courses. Therefore, working students with research achievements can reduce commuting burdens by using online resources, such as video-conferencing. In the Master's program, students are allowed to take a large number of courses that integrate research activities, minimizing the need to visit the University's campus.

10. Student Award:

Students who achieve outstanding results may be nominated for the President's Award or the Dean's Award. Each program also independently grants a Master's Thesis Award and a Program Chair's Award. The awarded candidates are expected to be eligible for a Type I Scholarship from the Japan Student Services Organization.

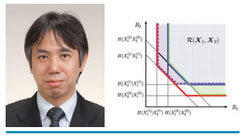
INTELLIGENT AND MECHANICAL INTERACTION SYSTEMS PROGRAM FACULTY MEMBERS

Specialized foundation subjects/Advanced subjects

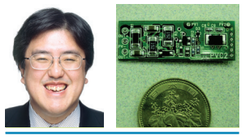
Related Courses: Research in Intelligent and Mechanical Interaction Systems I, II, A, B, C; Seminar in Intelligent and Mechanical Interaction Systems I, II; Fundamentals of Intelligent and Mechanical Interaction Systems; Oral Presentation Workshop in Intelligent and Mechanical Interaction Systems Ia, Ib, IIa, IIb; Research Proposal Writing Workshop in Intelligent and Mechanical Interaction Systems I, II, III, IV; Research Paper Writing Workshop in Intelligent and Mechanical Interaction Systems; Collaboratory Research Workshopin Intelligent and Mechanical Interaction Systems Ia, Ib, IIa, IIb, III, IV; Fundamentals of Mathematics in Intelligent and Mechanical Interaction Systems; Fundamental Theory of Intelligent Interaction Systems; Fundamental Mathematical System of Mechanical Interaction Systems; Statistical Data Analysis for Intelligent and Mechanical Interaction Systems; Tools and Practices for Intelligent Interaction Systems a, b; Tools and Practices for Mechanical Interaction Systems; Laboratory Work in Intelligent Interaction Systems a, b; Laboratory Work in Mechanical Interaction Systems; TOEIC Exercise in Intelligent and Mechanical Interaction Systems I, II; Research Paper Presentation Workshop in Intelligent and Mechanical Interaction Systems I, II; International Conference Paper Presentation Workshop in Intelligent and Mechanical Interaction Systems

Engineering Physics
エンジニアリングフィジクス

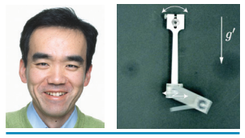
Exploration of macro to mesoscopic systems related to humans and environment



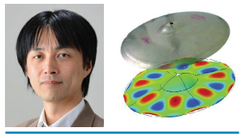
KOGA Hiroki
Professor
Ph.D. Engineering



MURAKAWA Masahiro
Professor (CGSP)
Ph.D. Engineering



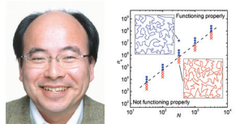
YABUNO Hiroshi
Professor
Ph.D. Engineering



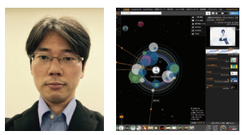
WAKATSUKI Naoto
Professor
Ph.D. Engineering

EBIHARA Tadashi
Associate Professor
Ph.D. Engineering

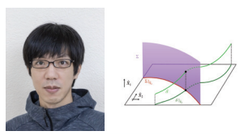
NIIZATO Takayuki
Associate Professor
Ph.D. Engineering



HASEGAWA Manabu
Associate Professor
Doctor of Engineering

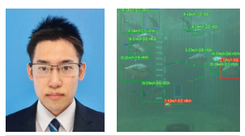


HAMASAKI Masahiro
Associate Professor (CGSP)
Ph.D. Engineering

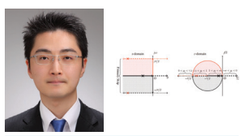


HIRONO Yuji
Associate Professor
Doctor of Sciences

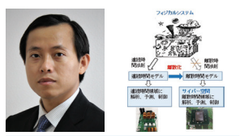
BANDO Yoshiaki
Associate Professor (CGSP)
Ph.D. Informatics



IENAGA Naoto
Assistant Professor
Ph.D. Engineering



KAWAI Shin
Assistant Professor
Ph.D. Engineering



NGUYEN Van Triet
Assistant Professor
Ph.D. Engineering

Human Robotics
ヒューマンロボティクス

AI, cybernics, human augmentation and mobility

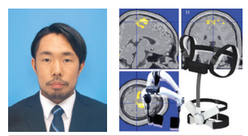
KAMIMURA Akiya
Professor (CGSP)
Ph.D. Engineering

TANAKA Fumihide
Professor
Ph.D. Engineering

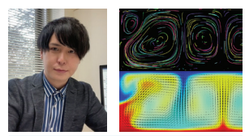
KANOGA Suguru
Associate Professor (CGSP)
Ph.D. Engineering

KAKUNO Shuichi
Professor
Ph.D. Engineering

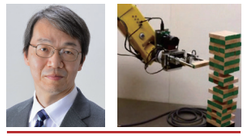
HASHIMOTO Naohisa
Associate Professor (CGSP)
Ph.D. Engineering



UEHARA Akira
Assistant Professor
Ph.D. Engineering

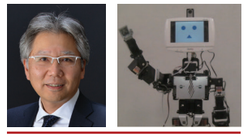


NAKAO Atsushi
Assistant Professor
Doctor of Science

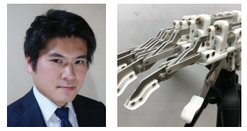


AIYAMA Yasumichi
Professor
Ph.D. Engineering

KAWAMOTO Hiroaki
Professor
Ph.D. Engineering



NAKAUCHI Yasushi
Professor
Ph.D. Engineering



YAMAGUCHI Tomoyuki
Associate Professor
Ph.D. Engineering

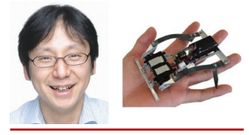
HASSAN Modar
Assistant Professor
Ph.D. Engineering

Neuroengineering
ニューロエンジニアリング

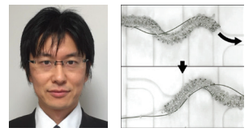
Cognitive neuroengineering and engineering-based brain and neural systems

KANEHIRO Fumio
Professor (CGSP)
Ph.D. Engineering

SUZUKI Kenji
Professor
Ph.D. Engineering



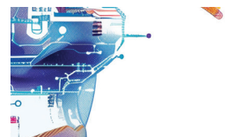
MOCHIYAMA Hiromi
Professor
Ph.D. Information Science



DATE Hisashi
Associate Professor
Ph.D. Engineering

YIM Youchan
Assistant Professor (SA)
Ph.D. Engineering

YAMAKAWA Yuji
Associate Professor
Ph.D. Engineering

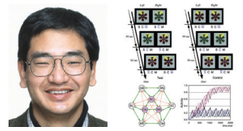


ISHII Yutaka
Assistant Professor
Ph.D. Engineering

UTSURO Takehito
Professor
Ph.D. Engineering

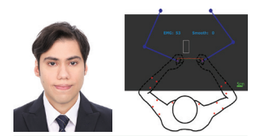
TEZUKA Taro
Professor
Ph.D. Informatics

MORITA Masahiro
Professor
Ph.D. Engineering

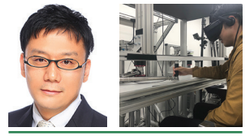


KUMANO Shiro
Visiting Associate Professor
Ph.D. Engineering

MAEDA Yuka
Associate Professor
Ph.D. Engineering



BARRADAS Victor
Assistant Professor
Ph.D. Biomedical Engineering



IZAWA Jun
Professor
Ph.D. Engineering

SAKANASHI Hidenori
Professor (CGSP)
Ph.D. Engineering

TSURUGIZAWA Tomokazu
Professor (CGSP)
Ph.D. Engineering

KAWASAKI Masahiro
Associate Professor
Ph.D. Engineering

SHIBUYA Takeshi
Associate Professor
Ph.D. Engineering

SUZUKI Yasuhiro
Assistant Professor (SA)
Ph.D. Medicine

PUENTES Sandra
Assistant Professor
Doctor of Medical Sciences

XR / Media
XR・メディア

VR/MR, haptics and media technologies

KURATA Takeshi
Professor (Cooperative School)
Ph.D. Engineering

KURODA Yoshihiro
Professor
Ph.D. Informatics

TSUKADA Masato
Professor
Ph.D. Engineering

KAMEDA Yoshinari
Professor
Ph.D. Engineering

HOSHINO Junichi
Associate Professor
Ph.D. Information Science, Ph.D. Design

HACHISU Taku
Assistant Professor
Ph.D. Engineering

MIYAUCHI Eri
Assistant Professor (SA)
Ph.D. Engineering

KITAHARA Itaru
Professor
Ph.D. Engineering

GOTO Masataka
Professor (CGSP)
Ph.D. Engineering

YANO Hiroaki
Professor
Ph.D. Engineering

NOBUHARA Hajime
Professor
Ph.D. Engineering

TAKATANI Tsuyoshi
Assistant Professor
Ph.D. Engineering

XIE Chun
Assistant Professor
Ph.D. Engineering

* CGSP: Cooperative Graduate School Program, SA: Specially Appointed

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A CURRICULUM DESIGNED TO CULTIVATE RESEARCH EXCELLENCE

The degree program in Intelligent and Mechanical Interaction Systems places strong emphasis not only on acquiring specialized knowledge and technical skills, but also on developing the ability to apply them in original research. The curriculum offers enhanced coursework that promotes active, hands-on learning through exercises, practical training, and research engagement. At the same time, lecture-based specialized subjects have been streamlined and integrated across related fields, to deliver a more coherent and intensive learning experience.

Master's Program

- Core Studies: Learn basic knowledge and skills required to conduct research, including ethics, project planning, academic writing, and communication.
- Foundational Mathematics: Starts reviewing undergraduate-level mathematics, building the mathematical foundations necessary for advanced coursework and research.
- Tool-based Practice: Gain practical proficiency in key software and hardware tools widely used in research, along with the associated technical skills.
- Special Experiments: Teamwork-based activities to carry out thematic exercises and project-based assignments applying acquired knowledge and skills.
- English Training: Improve English proficiency via TOEIC e-learning modules. Students meeting the requirements are allowed to take advanced courses.
- Special Exercises: In addition to graduate seminars, credits can be earned by presenting research at academic conferences or submitting papers to academic journals. Seminars in other fields are also offered to engage in collaborations with diverse laboratories. These experiences foster the development of a broad and adaptable research skill set.
- Special Research: This subject focuses on the student's research topic. The evaluation is conducted on the contents of a poster presentation done in the first year and the Master's thesis preparation and dissertation in the second year.

Doctoral Program

- English Training: Enhance presentation, academic writing, and professional communication skills through small-group lessons taught by international faculty members.
- Special Seminars and Exercises: Develop advanced research competencies through activities such as preparing for international conference presentations, publishing in peer-reviewed journals, writing research proposals, joining seminars in different laboratories and conducting collaborative research.
- Special Research: Pursue independent research leading to the completion and defense of the doctoral dissertation.

FLEXIBLE COURSES AND EARLY GRADUATION

Early Completion Program for Working Students Doctoral Program

We offer an accelerated pathway that enables qualified working professionals to obtain a Doctoral degree in as little as one year. This early completion program is built on a systematic and efficient curriculum focused on research supervision and dissertation preparation, designed for individuals who already possess significant research achievements.

To ensure academic rigor, candidates are evaluated through a three-stage performance assessment system: an admission examination, an intermediate review (within four months of enrollment), and a preliminary examination (within eight months of enrollment).

Through the mentorship of distinguished researchers and highly specialized professionals, this program supports the development of the next generation of leading researchers and expert practitioners in Japan.

Early Completion Programs for General Students Master's and Doctoral Programs

Master's students who demonstrate exceptional research outcomes and complete all degree requirements with outstanding academic performance may shorten their Master's program by one year when continuing into the IMIS Doctoral Program. The requirements for completion remain identical to those of the standard two-year Master's program.

Similarly, Doctoral candidates with superior research achievements may complete the Doctoral program in a minimum of one year. Students who finish the Master's program early and also qualify for early Doctoral completion must be enrolled in the Doctoral program for at least two years.

Extended Enrollment Options for Graduate Programs Master's and Doctoral Programs

A flexible system is available for students who require a longer period to complete their studies. This includes options for extended enrollment and corresponding tuition adjustments (including the possibility of a one-year extension with a fee exemption).

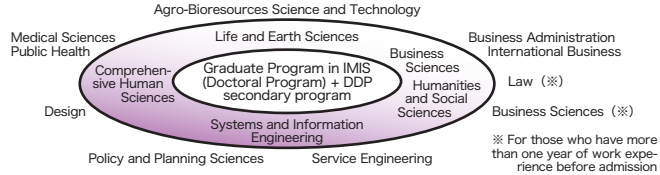
DUAL DEGREE PROGRAM (DDP)

The DDP allows students enrolled in the Doctoral Degree Program in Intelligent and Mechanical Interaction Systems to simultaneously pursue a secondary graduate program outside the fields of Science and Engineering. This option includes eligible Doctoral, Master's, or Professional Degree programs. Through this system, students can earn both a Ph.D. in Engineering and a Master's (or equivalent degree) in another discipline within a single integrated framework. This unique combination cultivates broad, interdisciplinary perspectives and equips students with the comprehensive problem-solving ability needed to address globally relevant challenges. The program also enhances the attractiveness of the doctoral curriculum and supports the recruitment of highly capable students. In addition, the DDP offers a structured career support system to help graduates secure suitable employment opportunities.

Students enrolled in DDP are required to pay only the admission and tuition fees for their primary program; no additional admission fee or tuition is charged for the secondary program.

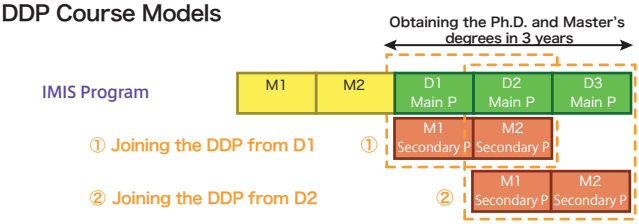
It should be noted that obtaining two degrees within a limited period is challenging. If you wish to apply to the DDP, consult your expected supervisor for the doctoral program in detail before submitting your application.

DDP Secondary Programs Group (Academic Year 2024)



The DDP course models are shown below. In most cases, coursework for the secondary (Master's) program is completed during the first and second years of the primary (Doctoral) program. However, depending on research progress, it may also be undertaken during the second and third years of the Doctoral course.

DDP Course Models



DOCTORAL PROGRAM IN
EMPOWERMENT INFORMATICS

EMPOWERMENT INFORMATICS PROGRAM

The Empowerment Informatics Program (EMP), an integrated Master's and Doctoral course, is closely related to the Degree Program in Intelligent and Mechanical Interaction Technologies. EMP explores engineering systems designed to enhance quality of life from multiple perspectives, including safety, accessibility, and emotional well-being.

This program is at the forefront of developing the next generation of informatics that complements, collaborates with, and extends human capabilities. Research within EMP actively transcends traditional disciplinary boundaries, engaging fields such as engineering, the arts, business sciences, and clinical medicine. This is made possible through strong collaborations with companies, hospitals, and international partner institutions.

For more information, please visit the Empowerment Informatics Program website (www.emp.tsukuba.ac.jp).

ENTRANCE EXAMINATIONS

Entrance examinations for the Master's program are held three times a year: July, August, and January-February.

The July examination is a recommendation-based selection. Applicants from any university or technical college may take this exam, provided they meet the recommendation requirements. International applicants and those applying through the Collaborative Graduate School System may take the examination in any of the three periods. A special selection for working students is conducted during the August and January–February examinations. To ensure that applicants from outside the University of Tsukuba are not placed at a disadvantage, written examinations are not used in any selection category.

Entrance examinations for the Doctoral program are held in August and January-February.

The selection includes an oral examination based on the applicant's previous research and future research plan. A special selection for working students is conducted at the same time. In July, an internal advancement selection is also offered for outstanding Master's students who wish to continue into the Doctoral program.

For detailed information, please refer to the application guidelines and the admissions page on the program's website.

ADMISSION POLICY

Our program seeks talented applicants from a broad range of backgrounds, including current University of Tsukuba students, graduates from other institutions, international students, and working professionals. Admissions are conducted through three pathways: recommendation-based selection, general selection, and special selection for working students, with multiple examination periods offered each year.

Backgrounds of Incoming Students

Around half of our graduate students come from the University of Tsukuba's College of Engineering Systems (School of Science and Engineering). The remaining students join us from other colleges within the university, from universities and technical colleges across Japan, and from institutions abroad. We actively welcome working professionals through dedicated admission pathways, and we also offer early completion options for qualified students.

The University of Tsukuba accepts a large number of international students (government-funded and privately financed). As the number of international students continues to grow, the university provides support systems including Japanese language courses and a personal tutor system to ensure smooth adaptation to academic and daily life in Japan.

Admissions to the Doctoral Program for Working Students

To support working individuals considering a Doctoral degree, the Intelligent and Mechanical Interaction Systems Program offers a dedicated admission track for working professionals aiming to continue their studies. To complete the Doctoral program, students must obtain at least 12 credits in research-related subjects and dissertation presentation courses. In addition, they must receive supervision from an academic advisor, submit a doctoral dissertation, and successfully pass the examination process. There are no courses requiring fixed weekly attendance, allowing students to balance their studies with full-time employment, and students with strong research achievements may qualify for early completion after one year of enrollment. Furthermore, for those who need more time for completion due to work commitments, childcare, caregiver responsibilities, or other personal circumstances, a Long-Term Study System is available. This system extends the standard three-year study period to a maximum of five years, while keeping the total tuition cost unchanged. For further details, please consult your prospective academic supervisor.

<Master's Program> Desired applicants: We seek students with strong mathematical ability, solid English proficiency, and the analytical thinking skills required for study and research in the field of Intelligent and Mechanical Interaction Systems. Applicants should demonstrate the potential to acquire the research skills, specialized knowledge, and ethical standards expected of Master's degree holders and future researchers or professionals in this field.

	Held in July	Held in August		Held in January-February	
Start	April of the Following Academic Year				
Test Category	Recommended Entrance Examination	General Entrance Examination	Entrance Examination for Working Students	General Entrance Examination	Entrance Examination for Working Students
Evaluation Items	A standardized English language proficiency score* (TOEIC, TOEFL, IELTS), and an oral examination are required regardless of the category				
	-	Academic Transcript	Academic Transcript	-	-
Selection Policy	Candidates who list this degree program as their first choice, have excellent academic records, and possess particularly outstanding abilities necessary for research in the field of IMIS will be selected.	Candidates with strong foundational skills in subjects such as mathematics and English, a clear statement of purpose, and excellence in the concreteness and originality of their research plan will be selected.	Candidates with proven research abilities in form of past research or significant professional experience will be selected. The admission panel is organized independently from that for the general entrance examination.	Candidates with strong foundational skills in subjects such as mathematics and English, a clear statement of purpose, and excellence in the depth and originality of their research plan including their graduation research (or its equivalent) will be selected.	Candidates with proven research abilities in form of past research or significant professional experience will be selected. The admission panel is organized independently from that for the general entrance examination.
Vacancies	60 students	57 students	3 students	12 students	3 students
Total	About 135 students (subject to confirmation; please check the official application guidelines)				

<Doctoral Program> Desired applicants: We seek students with strong mathematical ability, solid English proficiency, and the analytical thinking skills required to pursue cutting-edge research in IMIS. Applicants should demonstrate the potential to develop the advanced research skills, specialized knowledge, and ethical standards expected of doctoral graduates, and to contribute to academic and societal progress as researchers or highly skilled professionals in this field.

	Held in July			Held in August		Held in January-February	
Start	October (Same Academic Year)		April (Next Academic Year)	April (Next Academic Year)		April/October (Next Academic Year)	
Test Category	General Entrance Examination	Examination for Working Students	Internal Advancement Examination	General Entrance Examination	Examination for Working Students	General Entrance Examination	Examination for Working Students
Evaluation Items	An oral examination is required regardless of the category A standardized English language proficiency score (TOEIC, TOEFL, IELTS) is required, except for the Recommended and Working Students examinations						
Selection Policy	Candidates who possess a certain level of research ability and other necessary skills, and who are expected to complete the program within the standard period will be considered.	In addition to research ability and other skills, candidates' professional achievements and related work experience will be considered.	Among those expected to complete the Master's Program in IMIS, candidates with strong foundational knowledge and research ability, who are likely to be appointed as JSPS Research Fellows (DC1) or to complete this degree program early will be considered.	Candidates who possess a certain level of research ability and other necessary skills, and who are expected to complete the program within the standard period will be considered.	In addition to research ability and other skills, candidates' professional achievements and related work experience will be considered.	Candidates who possess a certain level of research ability and other necessary skills, and who are expected to complete the program within the standard period will be considered.	In addition to research ability and other skills, candidates' professional achievements and related work experience will be considered.
Vacancies	A few	A few	A few	10 students	2 students	2 + a few	2 + a few
Total	About 16 students (subject to confirmation; please check the official application guidelines)						

* Submit the official TOEIC certificate, TOEFL official score report, or IELTS test report form at the time of application.

ACCESS & CONTACT

CAMPUS AND OFFICE LOCATION

The Tsukuba Campus is located in the center of Tsukuba Science City, 60 kilometers northeast of Tokyo. On its 258-hectare campus, facilities with diverse and innovative designs are efficiently arranged within a landscape based on a forest park, all functionally connected by pedestrian paths, cycling roads, and other pathways. These facilities are also used for academic exchange with institutions in and outside Japan, as well as for local cultural activities and community sports events.

The laboratories and research facilities of the faculty members belonging to the Degree Programs are located in the third area of the University of Tsukuba Campus. Please visit our office located on the third floor of the 3L Building (Degree Programs' Office, Room 308).

CONTACT

University of Tsukuba

Degree Programs in Systems and Information Engineering.
Degree Programs in Intelligent and Mechanical Interaction Technologies.

〒305-8573

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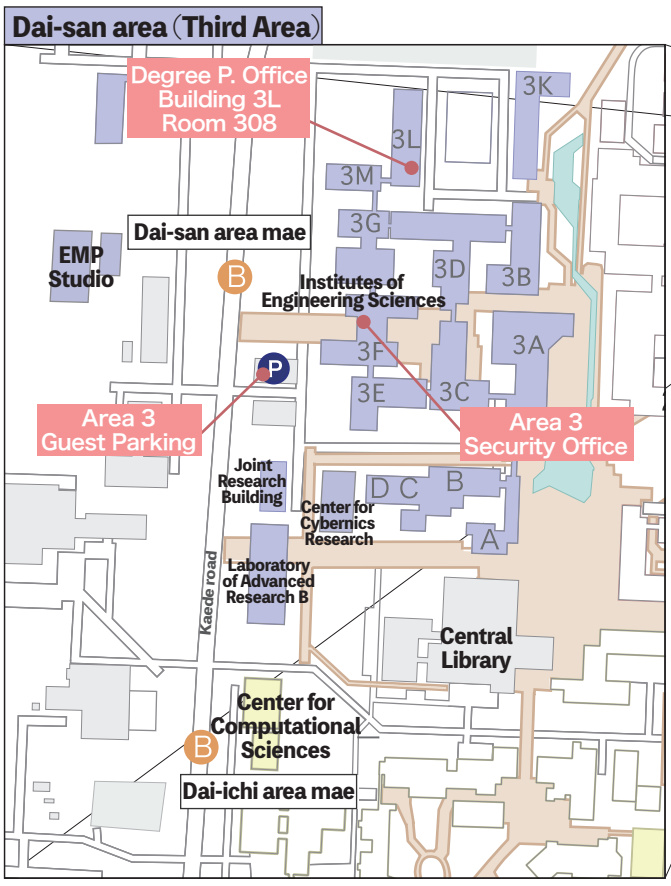
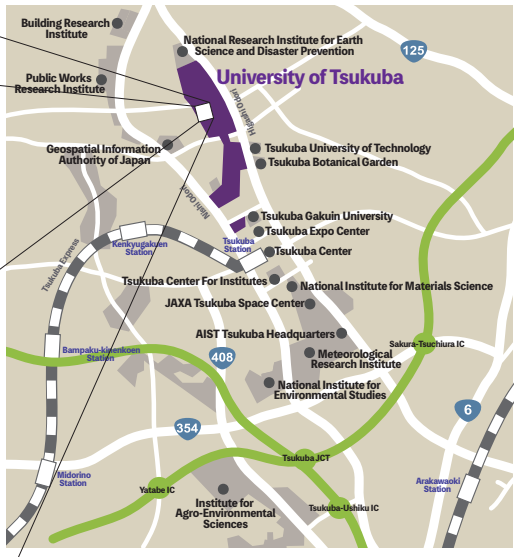
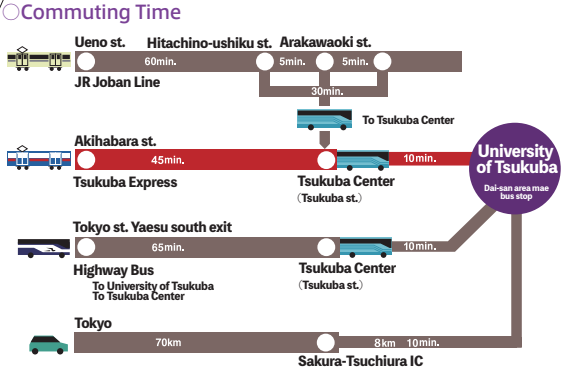




Commuting Time



* Information on parking lots for visitors:
If you come to the third area by car, please use the parking lot for visitors in front of the gate.
In addition, please be sure to register the use of the parking lot at the security office on the 1st floor of the 3F building.