

# 2025~ 2026 The HITCHHIKER'S GUIDE to MASTER'S and DOCTORAL PROGRAMS in INFORMATICS

情報学 学位プログラムへの  
ヒッチハイク・ガイド

## Master's & Doctoral Programs in INFORMATICS

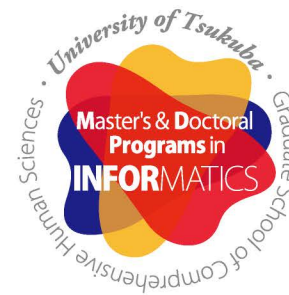


<https://informatics.tsukuba.ac.jp>



筑波大学  
University of Tsukuba

## What is the Degree program in informatics?



筑波大学大学院  
人間総合科学学術院  
人間総合科学研究群

Master's and Doctoral Programs in Informatics,  
Degree Programs in Comprehensive Human Sciences,  
Graduate School of Comprehensive Human Sciences,  
University of Tsukuba

"The current of the flowing river does not cease, and yet the water is not the same water as before." This is a passage from the beginning of the *Hojoki*, an essay written in the Kamakura period (13th century). It means that the world is constantly changing, and not a single moment is the same. The same is true of information, which flows and changes along with the world.

In order to capture information that is constantly changing like the flow of a river, it is necessary to conduct research from an interdisciplinary perspective that spans across multiple fields. Interdisciplinarity is an effective approach to issues that are too broad and complex to be addressed by a single discipline. It solves problems by developing new methodologies and integrating findings, rather than simply applying methodologies from multiple disciplines.

The Informatics degree program aims to solve complex problems existing in the world from the perspective of informatics by reconstructing data as knowledge and developing methodologies that integrate humanities and sciences. The degree program brings together a diverse group of experts in philosophy, history of social thought, history of media technology, human information studies, cultural anthropology, digital nature, digital humanities, bioinformatics, robotics, collective knowledge, social media, knowledge commons, information law, libraries, museums and archives, and more. If you are interested in the Informatics degree program, please visit our website. Once you learn about the full scope of the Informatics degree program, you will definitely want to enroll.

UDA, Norihiko: Chair, Master's and Doctoral Programs in Informatics

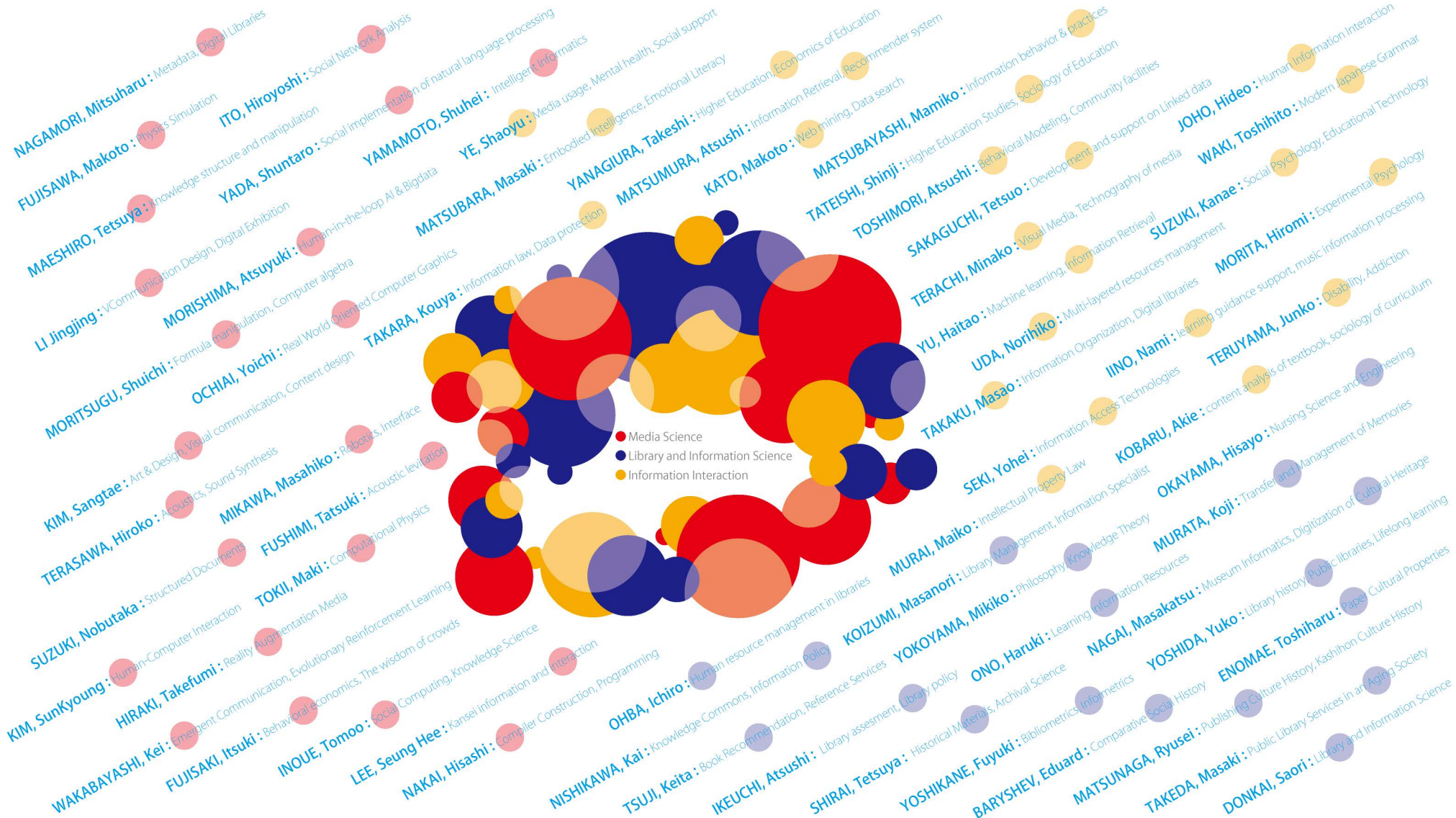






## Academic staff

Informatics degree programs are divided into three major areas.  
Please refer to the web for research guidance qualification confirmation,  
research keywords and details.







## Admission Information

\*Date of implementation may change by year. Please refer to the web for details.



### ■ Admissions overview

In Master's and Doctoral Programs in Informatics, in order to accept a wide range of excellent students, different forms of the admissions process are held within the same academic year, including the special selection process for recommended applicants (in July), general selection process (in August and January-February), special selection process for working individuals (in August and January-February) and special selection process of global individuals in English (in January-February). The admissions process includes an English language examination, an oral examination and application review. Each admissions process is conducted in accordance with the admission policy for the Master's and Doctoral programs.

### ■ Master's and Doctoral Programs

The program aims to develop a new academic field that transcends the division between arts and sciences. The Master's program accepts students from diverse academic fields, regardless of their college of origin or undergraduate specialty. The program recruits students with a strong desire to study and perform research, regardless of their field, personal history, age, or nationality.

### ■ Early Completion, Register Extending System

The Informatics Degree Program offers a Register Extending System for those who wish to study while working and so on, and early completion is also possible if candidates are qualified with conditions. Please refer to the website for details.

### ■ Research Students, Graduate Credited Auditors

Research Students (Kenkyusei) are those who conduct research on specific topics, under the guidance of an academic adviser. Graduate Credited Auditors (Kamokutorishusei), who are not regular students at the University of Tsukuba, are permitted to take graduate level courses. The results from examinations taken throughout a semester or final examinations may also be recognized as earned credits.

## Student's Voice ●●●



**Master's Program 2nd year**  
**TETSUMI Saki (Koizumi Lab.)**

I am currently pursuing a Master's programme to develop my research skills in a professional context. Through this program, I have learnt how to conduct research independently and think critically, as the courses are more specialised and advanced. Moreover, I have more time to dedicate to my research, enabling me to make progress in my own work while also drawing inspiration from discussions with my laboratory members during seminar activities. Attending international academic conferences and participating in international collaborative research have further deepened my understanding of both the significance and the excitement of research. In addition to my studies, I also serve on the library council committee and work as a part-time lecturer at other university. Through these experiences, I hope to give back by applying the knowledge and skills that I have acquired through my research and other academic activities. This programme has broadened my horizons, and I am eager to continue expanding my expertise.



**Doctoral Program 1st year**  
**INOUE Naoki (Wakabayashi Lab.)**

I am a first-year Ph.D. student, currently working on research about "What is language?" from a computational perspective using computer simulations based on machine learning. Tackling such an interdisciplinary topic requires a broad perspective that transcends the boundaries of research fields. During my master's program, I had actively taken courses in other disciplines and engaged in discussions with students from diverse academic backgrounds. Additionally, I had made good use of the twice weekly office hours in my laboratory to discuss with my advisor and laboratory colleagues who have provided valuable insights from multiple perspectives. These learning opportunities are invaluable in deepening my research. Furthermore, my research environment is well-equipped, and there are extensive support programs for presenting research outcomes at academic conferences. These all motivated me to further study in our doctoral program.



**Doctoral Program 2nd year**  
**WANG Yao (Yu Lab.)**

After graduating from university, I worked in software development and later decided to resign to further study in graduate school. My research aims to enable large language models to better understand and embody human values—specifically, to produce outputs that align more closely with widely accepted moral standards. Initially, my ideas were somewhat vague, but through the invaluable advice and support from Prof. Yu and others, I have made steady progress. Actively participating in academic conferences, sharing insights, and cooperating with researchers in the same field has not only helped me refine my own research but also significantly contribute to my career. Going forward, I plan to delve deeper into my studies, with a focus on application of human values, striving to achieve tangible outcomes in this area.



**Doctoral Program 1st year**  
**XIAO Yunyi**  
**(Morishima & Ito Lab.)**

I became a Ph.D. student from the Master's Program at University of Tsukuba. During my time in the Master's Program, I was able to focus on my research. From literature review, experiment progression, to paper writing for submissions to international conferences and journals, I had been navigated the research process through trial and error. While my academic advisors provided a high level of freedom with students to independently explore their research fields, they also offered me necessary advice at different time. Additionally, there were many opportunities outside the laboratory, including participating in international exchange events and seminars. I had the opportunity to engage in meaningful multicultural exchanges with researchers worldwide, such as taking the lead in organizing an international student research workshop and visiting the departments in Informatics at universities abroad. I believe that I have a very fulfilling graduate school experience.



## Programs/Courses



### ■ Master's and Doctoral Programs

Information has played an important role in human activities, but its importance has increased rapidly with recent technological advances. In order to respond to such a situation, Master's Program in Informatics develops human resources who can take interdisciplinary approaches to specialized work that makes effective use of information in various human activities such as academic, education, life and culture. Please refer to the website for each program's diploma policy in detail.

### ■ Course

Certificate Program in "Library, Museum, and Archives Resources Management Course" .  
Certified Archivist System.

### ■ Support System

TA, RA, Tutor.  
Support for Academic Conference Presentation.  
Student Publication Grant.  
Financial Support.



## Access



### ■ Tsukuba Campus (Kasuga Area)

**Rail** 45 minutes from Akihabara Station to Tsukuba Station on the Tsukuba Express rapid train. If you use the JR Joban Line, get off the train at Hitachino-Ushiku Station, Arakawaoki Station or Tsuchiura Station, and take the bus bound for Tsukuba Center or Tsukuba-Daigaku-Chuo. Get off the bus at Tsukuba Center. The journey from these JR stations takes about 30 minutes.

**Highway Bus** Take a highway bus bound for Tsukuba-Daigaku-Tsukuba Center-Yuki from the Highway Bus Station at Tokyo Station's Yaesu South Exit.

The journey time to Tsukuba Center is about 70 minutes.

**On Foot** Approx. 10 min. on foot from Tsukuba Station Exit 1 or 2; approx. 10 min. from Tsukuba Center.

**By Car** Exit the Sakura-Tsuchiura I.C. or Tsukuba-Chuo I.C. on the Joban Expressway, enter Kitadai-dori and arrive at the Kasuga Area of University of Tsukuba Campus.

**Airport Bus** Using the Highway Bus to Tsukuba Center from Haneda Airport: approx. 60 min. from Narita Airport: approx. 60 min. from Ibaraki Airport: approx. 60 min.

### ■ Graduate School's Tokyo Satellite

**Subway** A 2-min. walk from Myogadani Station, on the Tokyo Metro Subway Marunouchi Line, will bring you to the University of Tsukuba's Bunkyo School Building, Tokyo Campus.

