

University of Tsukuba

Master's & Doctoral
Programs in
INFORMATICS

Graduate School of Comprehensive Human Sciences



筑波大学
University of Tsukuba



情報学 学位プログラムへのヒッチハイク・ガイド

The Hitchhiker's Guide

Master's & Doctoral Programs in Informatics



2024-2025



JE

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

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,
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





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

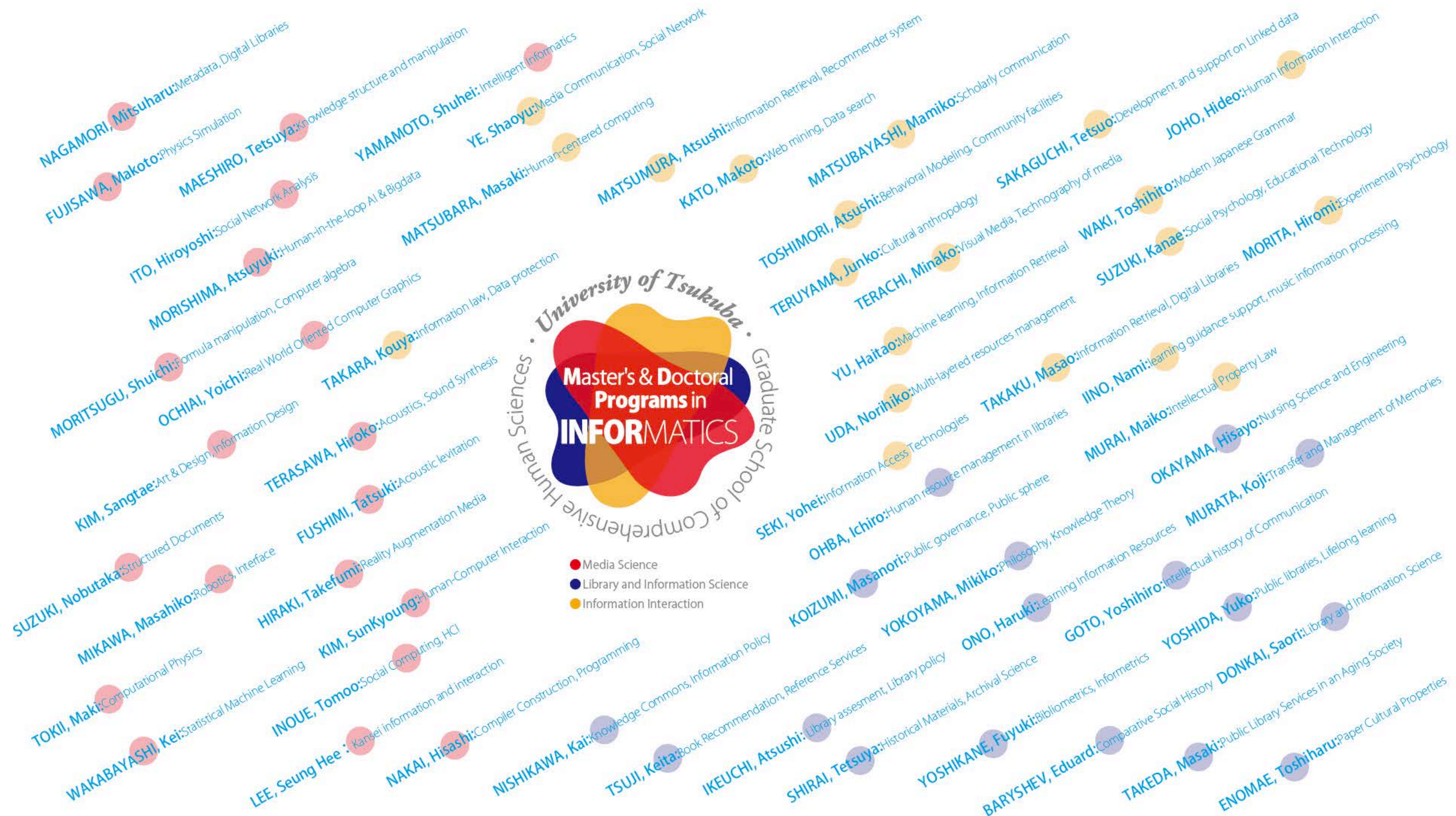
TA, RA, Tutor.
Support for Academic Conference Presentation.
Student Publication Grant.
Financial Support.





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 ●●●



Doctoral Program 1st year.
SUGENO Yuki (Koizumi Lab.)

I am in my first year of doctoral course and currently also serving as a part-time lecturer at other university. In terms of research activities, my current laboratory is a good environment to immerse myself in. For me, the time I spend talking with seminar members in the co-working lab during the daytime on weekdays is a great stimulus not only for research activities but also for student life. Once keeping distance away from my own research activities, as a doctoral student, I am expected to play a role in some part of laboratory management concerning research activities, such as advising junior students on their research and organizing seminar events, just as my seniors have done in the past. I myself am not a good communicator, but I think it is important for personal development to build relationships with others and with society, rather than withdrawing into my own world. In this sense, I am living a very fulfilling student life, including my own research, the management of our laboratory, and the opportunity I was fortunate enough to have as a part-time lecturer.



Doctoral Program 1st year.
INADA Kazumi (Kim, S. Lab.)

I graduated from the School of Media Arts, Science and Technology and became a student of the Master's program and then the Doctoral program in Informatics. This is the fourth year in my current laboratory. I have been earning a living from the JST grant and a salary as a research assistant since the doctoral course. My home is near to the laboratory, and I spend my time going back and forth between the two places, doing my own research activities, and discussing with junior students. I have very little time for required classes and do not have a lot of interaction with my peers in the same major. Therefore, I take classes in the undergraduate and master's programs, focusing on those related to my qualifications and interests. I also interact with students from other departments within the university and from other universities. I feel that one of the best things about this program is that I can be exposed to a variety of fields within my major and within the university alone if I wish.



Master's Program 1st year.
TANABE Yuto (Suzuki, N. Lab.)

I am currently enrolled in the Master's Program in Informatics. I am interested in issues related to humans and information, and I am honing my problem-solving skills by improving my Python programming and machine learning skills through a wide range of elective courses. The curriculum covers various topics, allowing for interdisciplinary approaches not only in the field of science but also in the humanities. By considering problems from both scientific and humanistic perspectives, I am able to develop a fusion of approaches that integrate both disciplines, which is a key appeal of this degree program. Through my studies here, I aim to acquire specialized knowledge and practical skills, which I hope to apply in future research and social implementation in the field of information technology.



Master's Program 1st year.
INOUE Naoki
(Wakabayashi Lab.)

My student life focuses on research. In my laboratory, we have office hours twice a week, during one of which I give a progress report for the past week. The number of courses required for graduation is smaller than in college. This means that I'm able to devote more time to research. In that time, for example, I read books and papers and write programs in order to explore the direction of my future research. Thus, I have more time for research than before, and I think this is one of the good reasons for going for higher education. I am able to solve in my own way many of the problems related to the lack of insight and technical deficiencies that I discovered in my graduation research during my fourth year of university. For me, student life is the act of placing myself in research and constantly thinking within it.

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 Joban Highway at the Sakura-Tsuchiura interchange. Drive about 5.2 km north and turn left onto Kita-o-dori. At the second traffic light, turn left. This will bring you to the Kasuga Area of Tsukuba University's Tsukuba Campus.

Airport Bus Using the Highway Bus to Tsukuba Center from Haneda Airport: approx. 100 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.

