

For **Working Adults**  
aiming to advance their career

For **Managers**  
looking to improve their  
employees' skills

For **Alumni**  
of the University of Tsukuba

Degree Programs in Systems and Information Engineering,  
Graduate School of Science and Technology, University of Tsukuba

# Doctoral Program in Policy and Planning Sciences



## Educational Standards of Policy and Planning Sciences

- 1. Understanding Social Phenomena** The ability to deductively understand social phenomena through theory and experiential measurement
- 2. Data Analysis** The ability to inductively understand social phenomena through data analysis
- 3. System Design** The ability to design and restructure social systems based on understanding of social phenomena
- 4. Experiments and Proposals** The ability to create concrete policy proposals and design social experiments based on system design
- 5. Measurement and Evaluation** The ability to deepen deductive and inductive understanding of social phenomena by measuring and evaluating social experiments and policy proposals



**Shaowen Ni**  
Senior Lecturer, Mie University

Currently, at Mie University, I apply the knowledge and skills cultivated through Policy and Planning Sciences in my work as a university educator, engaging in course design, student supervision, data analysis using statistical methods, and problem setting from the perspective of behavioral science. Policy and Planning Sciences is a field where you can acquire not only expertise, but also the ability to formulate meaningful questions and develop approaches to solve the complex challenges of modern society. For those considering taking a new step forward, I wholeheartedly encourage you to step outside your comfort zone, set your sights high, and embrace new challenges.



**Jooho Park**  
Postdoctoral Researcher, AIST

Today, I am involved in designing Living Lab-based environments that create meaningful links between cutting-edge technologies and civil society, enabling active interaction between people and innovation. The statistical methods, social research techniques, and the ability to identify underlying social issues that I cultivated during my doctoral studies have become important strengths in promoting dialogue between citizens and technology. These skills allow me to envision an inclusive society where no one is left behind. As an alumnus, I sincerely support all of you who are preparing to take on new challenges and explore unexplored areas with ambition and curiosity.

## Admission Processes

	July Selection	August Selection	January to February Selection
General Selection Process	October Enrollment	April Enrollment	April or October Enrollment (Choice available)
Special Selection Process for Working Adults			

You will be required to give a 15-minute presentation about your past research and your future research plan, and you will be asked questions about them (about 10 minutes). All applicants must contact their prospective supervisor in advance.

## Course Example for the Doctoral Program in Policy and Planning Sciences

Credits	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year
Required Courses 12	<ul style="list-style-type: none"> <li>Special Doctoral Seminar in Policy and Planning Sciences I (Research Proposal Presentation)</li> <li>Special Doctoral Seminar in Policy and Planning Sciences II (Conference Presentation)</li> </ul>	<ul style="list-style-type: none"> <li>Special Doctoral Seminar in Policy and Planning Sciences III (Interim Presentation)</li> <li>Special Doctoral Seminar in Policy and Planning Sciences IV (Peer-reviewed Paper)</li> </ul>	<ul style="list-style-type: none"> <li>Special Doctoral Research Work in Policy and Planning Sciences I (Preliminary Defense)</li> <li>Special Doctoral Research Work in Policy and Planning Sciences II (Final Defense)</li> </ul>
Electively Required Courses 2~	<ul style="list-style-type: none"> <li>Facilitation Training Program in Policy and Planning Sciences I</li> </ul>		
Other Courses	<ul style="list-style-type: none"> <li>Introduction to Academic Integrity</li> <li>Career Paths for PhDs</li> </ul>		
Out-of-classroom Activities	<ul style="list-style-type: none"> <li>INFOSS Information Ethics Course</li> <li>Teaching Assistant</li> <li>Conference Presentation</li> </ul>	<ul style="list-style-type: none"> <li>Conference Presentation</li> </ul>	<ul style="list-style-type: none"> <li>Compiling the Research</li> </ul>

### **This program is ideal for working professionals.**

Note: Required Courses are part of the process of writing a doctoral thesis.  
Electively Required Courses can be taken as part of projects related to Policy and Planning Sciences.  
Other Courses are available through intensive or online courses.

- Comprehensive supervision is provided by a principal advisor and two co-advisors.
- Travel grants are available to support attendance at academic conferences.

## Find the Right Path for You!



**Doctoral Program in Policy and Planning Sciences supports ambitious professionals!**  
Please feel free to contact faculty members of labs that interest you.

### Contact

Degree Programs in Systems and Information Engineering,  
Graduate School of Science and Technology, University of Tsukuba

✉ [contact@sie.tsukuba.ac.jp](mailto:contact@sie.tsukuba.ac.jp)

For more information, please visit our website of Policy and Planning Sciences.

<https://www.sk.tsukuba.ac.jp/PPS/en/>

