

Graduate Program on Intelligent Information Processing
 Graduate School of Information Science and Technology,
 The University of Tokyo

Attached Table: Courses offered at academic year 2024

Subject Type	Course Name	Number of Credits	Requirements	References
A (Common)	Courses offered by JLCSE ※	1~10	At least 2 credits (only for international students)	Japanese students must earn points from their international exchange activities
	Information Science and Technology Ethics	0.5	Mandatory	Courses will have different implementations at different departments
	Computer Science Seminar (Master Course) I, II	1 each		
	Special Lectures in Computer Science (Master Course) I, II	6 each		
	Practical English Presentation Skill <i>or</i>	1		
	Colloquium on Mathematical Informatics I, II	2 each		
	Research Project on Mathematical Informatics I, II <i>or</i>	6 each		
	Information Physics and Computing Seminar I, II	2 each		
	Research Project on System Informatics I, II <i>or</i>	6 each		
	Information and Communication Engineering Master Course Seminar I, II	2 each		
	Research Project on Information and Communication Engineering I, II <i>or</i>	5 each		
	Directed Reading for Master Course in Mechano-Informatics I, II	2 each		
	Master Course Thesis Research and Preparation in Mechano-Informatics I, II <i>or</i>	6 each		
	Creative Informatics Master Seminar	2		
	Creative Informatics Master Practice	2		
	Creative Informatics Master Project Research <i>or</i>	10		
	Computer Science Seminar (Doctoral Course) I, II, III	2 each		
	Special Lectures in Computer Science (Doctoral Course) I, II, III	4 each		

	<p style="text-align: center;"><i>or</i></p> Advanced Colloquium on Mathematical Informatics I, II, III	1 each		
	Advanced Research Project on Mathematical Informatics I, II, III	4 each		
	<p style="text-align: center;"><i>or</i></p> Advanced Research Project on System Informatics I, II, III	4 each		
	<p style="text-align: center;"><i>or</i></p> Advanced Research Project on Information and Communication Engineering I, II, III	4 each		
	<p style="text-align: center;"><i>or</i></p> Doctoral Dissertation Research and Preparation in Mechano-Informatics I, II, III	4 each		
	<p style="text-align: center;"><i>or</i></p> Creative Informatics Doctoral Seminar	2		
	Creative Informatics Doctoral Project Research	12		
	Special Practical English	1		
B(Basic)	Academic Writing	2	Selective Mandatory for Master Students	Master students must obtain at least 12 credits from B~D
	Special Topics in Brain Science I	2		
	Special Topics in Brain Science II	2		
	Special Topics in Mechano- Informatics II	2		
	Exercises in Mechano-Informatics	2		
	Non-Research Tips for Information Science Researchers	2		
C(Core)	Advanced Algorithms	2	Selective Mandatory	Master students must take at least 6 credits, doctoral students must take at least 2 credits from C~D
	Trustworthiness Assurance for Data-Driven AI Software Systems	2		
	Introduction to Near-Term Quantum Computation	2		
	Approximation and Online Algorithms with Applications	2		
	Network Optimizations	2		
	Advanced Custom Computing	2		
	Remote Sensing Image Analysis	2		
	Special Lecture on Computer Science III (Efficient Search Methods in Artificial Intelligence)	2		
	Discrete Methods in Mathematical Informatics	2		
	Introduction to Neurointelligence	2		
	Advanced Theory of Inverse Problems	2		
	Parallel and Distributed Programming	2		
	Internet Architecture	2		
	Visual Media	2		
	Applied Computer Graphics	2		
	Multimodal Intelligent System Design	2		

	Special Lecture in Information Science and Technology IV (Probabilistic Generative Models Applied to Musical Audio Data)	2		
	Special Lecture in Information Science and Technology VI (Advanced Data Structure)	2		
D (Application)	Technical and Scientific Computing I	2	Selective Mandatory for Master Students	Master students must obtain at least 12 credits from B~D
	Technical and Scientific Computing II	2		
	Special Lecture in Information Science and Technology II (International Online Research Internship)	2		

The list of courses in Type B, C, and D may be updated, students must refer to the program homepage for the latest information

The courses in this table will be used to determine the total credits students are eligible to earn in the 2024 academic year. For information on courses eligible for credit in other academic years, please consult the table published for those respective years.

※ List of courses offered at JLCSE in academic year 2024

https://www.jlcse.t.u-tokyo.ac.jp/en/programs/about/schedule_curriculum/

Points from International Exchange Activities

Japanese students should collect points of international activities, in place of Japanese language course for international students.

- Joining programs at foreign universities or international conferences
 - 1 point for a night stay with activities abroad (except flying on night, day without activities such as the stay before and after events, weekends and holidays). To obtain the points, students must submit a copy of their e-tickets and documents explaining the activity details (such as a conference website or e-mails from foreign universities) to the Office of International Relations.
 - Two (2) points are additionally given if one does an oral presentation in international conference held abroad (but poster presentations and exhibitions are not counted). Attach conference program, in this case.
- Joining exchange activities with international students, arranged by IST
 - 1 point per 1 participation. At the participation, students should prepare a specified format and ask signature by a faculty member of the International Center for Information Science and Technology, or a staff of the Office of International Relations. Send the signed form to Office of International Relations by the intra-university postal service.