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

Attached Table

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	1		
	or	2 each		
	Colloquium on Mathematical Informatics I, II	6 each		
	Research Project on Mathematical Informatics I, II			
	or	2 each		
	Information Physics and Computing Seminar I, II	6 each		
	Research Project on System Informatics I, II			
	or	2 each		
	Information and Communication Engineering Master Course Seminar I, II	5 each		
	Research Project on Information and Communication Engineering I, II			
	or	2 each		
	Directed Reading for Master Course in Mechano-Informatics I, II	6 each		
	Master Course Thesis Research and Preparation in Mechano-Informatics I, II			
	or	2		
	Creative Informatics Master Seminar	2		
	Creative Informatics Master Practice	10		
	Creative Informatics Master Project Research	2 each		
	or	4 each		
	Computer Science Seminar			

	(Doctoral Course) I, II, III			
	Special Lectures in Computer Science (Doctoral Course) I, II, III	1 each		
	or			
	Advanced Colloquium on Mathematical Informatics I, II, III	4 each		
	Advanced Research Project on Mathematical Informatics I, II, III	4 each		
	or			
	Advanced Research Project on System Informatics I, II, III	4 each		
	or			
	Advanced Research Project on Information and Communication Engineering I, II, III	4 each		
	or			
	Doctoral Dissertation Research and Preparation in Mechano-Informatics I, II, III	2		
	or	12		
	Creative Informatics Doctoral Seminar	1		
	Creative Informatics Doctoral Project Research			
	Special Practical English			
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		
	GCL Special Lecture in Information Science and Technology V (Techniques and Methods of Machine Learning)	2		
C (Core)	Advanced Natural Language Processing	2	Selective Mandatory	Master students must take at least 6 credits, doctoral students must take at least 2 credits from C〜D
	Introduction to Quantum Computation	2		
	Advanced Data Analysis	2		
	Approximation and Online Algorithms with Applications	2		
	Algorithms for Information Security and Privacy	2		
	Remote Sensing Image Analysis	2		
	Seminar on Computer Science III (Efficient Search Methods in Artificial Intelligence)	2		
	Mathematical Structures in Informatics	2		
	Special Lectures in Mathematical Informatics II	2		
	Natural Language Processing	2		

	Cognitive Multi-Media Processing	2		
	Physics-based Animation	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 Structures)	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		
	Special Lecture in Information Science and Technology Ⅲ (JFLI 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
※ List of courses offered at JLCSE in academic year 2023
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.