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 Japanese Language Center for Graduate School of Engineering, and Graduate School of Information Science and Technology ※	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 _or_	1		
	Colloquium on Mathematical Informatics I, II	2 each		
	Research Project on Mathematical Informatics I, II _or_	6 each		
	Information Physics and Computing Seminar I, II	2 each		
	Research Project on System Informatics I, II _or_	6 each		
	Information and Communication Engineering Master Course Seminar I, II	2 each		
	Research Project on Information and Communication Engineering I, II _or_	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 _or_	6 each		
	Creative Informatics Master Seminar	2 2		
	Creative Informatics Master Practice	10		
	Creative Informatics Master Project Research _or_	2 each		
	Computer Science Seminar (Doctoral Course) I, II, III	4 each		

	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			
	Creative Informatics Doctoral Seminar	12		
	Creative Informatics Doctoral Project Research	1		
	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		
	Advanced Lectures on the C++ Programming Language	1		
	Functional Programming Language with Clean – Presentations and Practices	1		
	Introduction to Machine Learning	2		
	Techniques and Methods of Machine Learning	2		
C（Core）	Parallel Numerical Computations	2	Selective Mandatory	Master students must take at least 6 credits, doctoral students must take at least 2 credits from C～D
	Applied Computer Graphics	2		
	Visual Media	2		
	Approximation and Online Algorithms with Applications	2		
	Internet Architecture	2		
	Media Computing in Practice	2		
	Advanced Theory of Inverse Problems	2		
	Advanced Algorithms	2		
	Intelligent Visual Interaction	2		
	Introduction to Quantum Computation	2		
	Discrete Methods in Mathematical Informatics	2		

	Advanced Operating System
	Network Optimizations
	Remote Sensing Image Analysis
	Parallel and Distributed
	  Programming
	Advanced Custom Computing
	Efficient Search Methods in
	  Artificial Intelligence
		2
		2
		2
		2
		
		2		

D
(Application)
	Technical and Scientific
	  Computing I
	Technical and Scientific
	  Computing II
	International Online Research
	  Internship
		2
		
		2
		
		2
			Selective
			Mandatory
			for Master
			Students
				Master students must
				obtain at least 12
				credits from B～D

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 Japanese language courses offered on academic year 2021
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.

  By the effect of COVID-19, students may have difficulties conducting activities aboard. In academic year 2022-2023, we will therefore give 2 points for an oral presentation given in an online international conference. We will also give 1 point per one day of participation in an international conference organized online.

- 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.