Graduate Program on Intelligent Information Processing

Graduate School of Information Science and Technology,

The University of Tokyo

Attached Table

This English version is a reference translation from original Japanese version for convenience. If there are any differences, Japanese version will be prioritized.

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
	Special Readings for Master Students I・II	2 each		
	Special Research for Master Students I・II	6 each		
	Special Readings for Doctoral Students I・II・III	2 each		
	Special Research for Doctoral Students I・II・III	6 each		
	Practical Master Research Project on Creative Informatics	10		
	Practical Doctoral Research Project on Creative Informatics	12		
B（Basic）	English Paper Writing	2	Selective Mandatory for Master Students	Master students must obtain at least 12 credits from B〜D
	Special Topics in Mechano-Informatics II	2		
	Exercises in Mechano-Informatics	2		
	Mathematical Structures in Informatics	2		
C（Core）	Introduction to Quantum Computation	2	Selective Mandatory	Master students must take at least 6

	Software Testing and Verification	2		credits, doctoral students must take at least 2 credits from C～D
	Advanced Computer Architecture	2		
	Advanced Operating Systems	2		
	Approximation and Online Algorithms with Applications	2		
	Algorithm for Information Security and Privacy	2		
	Network Optimizations	2		
	Seminar on Computer Science V (Introduction to Cryptography and Information Security)	2		
	Web Engineering	2		
	Cognitive Multi-Media Processing	2		
	Natural Language Processing	2		
D (Application)	Information Analysis for Functional Genomics	2	Selective Mandatory for Master Students	Master students must obtain at least 12 credits from B～D
	Information Compression in Computational Science	2		
	Special Lecture on Computational Science I	2		
	Special Lecture on Computational Science II	2		
	Technical and Scientific Computing I	2		
	Technical and Scientific Computing II	2		
	Special Lecture in Information Science and Technology I (New Approach on Information Industry)	2		
	Special Lecture in Information Science and Technology VII (Reversible Computation)	1		

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 on academic year 2019

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.