

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.

This version is still not an official version, we plan to publish an official version of this document within the middle of April.

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 <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 <i>or</i>	4 each		
	Advanced Colloquium on Mathematical Informatics I, II, III	1 each		
	Advanced Research Project on Mathematical Informatics I, II, III <i>or</i>	4 each		
	Advanced Research Project on System Informatics I, II, III <i>or</i>	4 each		

	Advanced Research Project on Information and Communication Engineering I, II, III <i>or</i> Doctoral Dissertation Research and Preparation in Mechano-Informatics I, II, III <i>or</i> Creative Informatics Doctoral Seminar Creative Informatics Doctoral Project Research Special Practical English	4 each 4 each 2 12 1		
B (Basic)	English Paper Writing Special Topics in Brain Science I Special Topics in Brain Science II Special Topics in Mechano- Informatics II Exercises in Mechano-Informatics	2 2 2 2 2	Selective Mandatory for Master Students	Master students must obtain at least 12 credits from B~D
C (Core)	Advanced Natural Language Processing Software Testing and Verification Introduction to Quantum Computation Advanced Computer Architecture Approximation and Online Algorithms with Applications Algorithms for Information Security and Privacy Network Optimizations Remote Sensing Image Analysis Efficient Search Methods in Artificial Intelligence Stochastic Methods in Mathematical Informatics Discrete Methods in Mathematical Informatics Mathematical Structures in	2 1 2 2 2 2 2 2 2 2 2 2 2	Selective Mandatory	Master students must take at least 6 credits, doctoral students must take at least 2 credits from C~D

	Informatics			
	Natural Language Processing	2		
	Cognitive Multi-Media Processing	2		
	Cyber Resilience	2		
	Physics-based Animation	2		
D (Application)	Technical and Scientific Computing I	2	Selective	Master students must obtain at least 12 credits from B~D
	Technical and Scientific Computing II	2	Mandatory for Master Students	

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 2020

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 abroad. In academic year 2021-2022, 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.