

Waseda University Graduate School of Information, Production and Systems (IPS) Master's Course (September Enrollment) Application Guide

Program name: Fostering innovative leaders in IoT society

1. Purpose of the Program

Along with the development of the IoT society, knowledge and creativity for integrating the latest elemental technologies and information systems have become increasingly important. In this program, students can learn to systematize and create platforms, while also learning the traditions and technologies of manufacturing that have been nurtured in Japan. The objective is to develop human resources who can practice technological innovation in the interdisciplinary field while studying information technology, manufacturing technology and strategies for putting research results into practical use. Graduates of this program are expected to contribute to technological innovation and promotion of economic growth in cooperation with countries and regions as a core leader in the IoT society, which will further develop in the future.

2. Contents of the Program

To complete this master's program, you must be enrolled in the program for at least two years, earn the number of credits specified for the courses, receive a passing evaluation for your master's thesis (Supervisors are listed in Appendix 1), and pass a final examination. The curriculum is designed to take courses of fundamental subjects, advanced subjects, laboratory works, industry internship, specialized subjects and exercises. The language used is English or Japanese for both lecture classes and thesis writing.

3. Allowance, travel expenses and school fees (Refer to the admission guide for detailed conditions)

(1) Allowance: MA Program: JPY144,000 per month (Scholarship period: 2 years)

(2) Travel expenses:

- a) Transportation to Japan: In principle, MEXT will provide the scholarship student with an economy class air ticket from the international airport nearest to his/her place of residence to the international airport nearest to Waseda IPS.
- b) Transportation from Japan: The grantee who returns to his/her home country within the fixed period before the expiration of the scholarship will be supplied, upon application, with an economy class air ticket from the international airport nearest to Waseda IPS to the international airport nearest to his/her place of residence.

(3) School fees: MEXT Scholarship students will be exempt from paying the entrance fees and tuitions.

4. Number of openings: Approx. 6 for master's course

5. Required qualification and condition for application

(1) **Those who have nationalities of the following countries.**

US, Brazil, Austria, Greece, Croatia, Switzerland, Czech Republic, Hungary, Bulgaria, Poland, Romania, Russia, Indonesia, Singapore, Thailand, Philippines, Viet Nam, Malaysia, Myanmar, India, Egypt

(2) Age: Those who were born on and after April 2, 1986

(3) Those who meet at least one of the following qualifications for application can apply.

- a) Those who have a bachelor's degree or are expected to earn such degree before the designated time of arrival in September 2021.
- b) Those who have completed or who are expected to complete 16 years of school education before the designated time of arrival in September 2021.
- c) Those who are recognized by the IPS as having reached an academic level equivalent to a bachelor's degree through an individual entrance requirements screening process and scheduled to reach age 22 before the designated time of arrival in September 2021.

(4) Those who have a minimum GPA of 2.30 on the evaluation scale given in Appendix 2.

(5) **If you have graduated or are expected to graduate from a university in a country where English is not the native language, one of the following conditions must be met.**

Japanese language level: JLPT N2 or N1

English language level: Cambridge English 160 or more, GTEC 1190 or more, IELTS 5.5 or more, TEAP 600 or more, TOEFL iBT 72 or more, TOEIC L&R/TOEIC S&W 1560 or more

***TOEIC S&W score should be multiplied by 2.5 and added to TOEIC L&R score**

(6) Screening fee: JPY 5000

6. Selection and result notification

Application Period:

January 6, 2021 ~ January 15, 2021

First screening: evaluation of all the required documents submitted

The result will be announced on **February 5, 2021**

Second screening: interview by telephone, skype or by e-mail in person

Second screening date & time will be assigned on **February 8, 2021**

Second screening and scholarship nomination results notified to applicants:

February 15, 2021

Notification of scholarship selection result at MEXT to be sent to applicants from IPS:

In June, 2021 **(TBD)**

Status at Waseda for successful MEXT scholarship recipients will be a regular Master's student.

Appendix 1: Research Laboratory available for September 2021 Admission

Field	Supervisor	Research Laboratory
Information Architecture	FUJIMURA, Shigeru	Smart Industry
	FURUZUKI, Takayuki	Neurocomputing Systems
	IWAIHARA, Mizuho	Data Engineering
	KAMATA, Sei-ichiro	Image Media
	LEPAGE, Yves	Example-based machine translation/NLP
	MATSUMARU, Takafumi	Bio-Robotics & Human-Mechatronics
	TSUBOKAWA, Makoto	Fiber-optic systems
	YOSHIE, Osamu	Community Computing
Production Systems	LEE, Hee-Hyol	System Control
	MURATA, Tomohiro	Manufacturing Information Systems
	TANAKA, Eiichiro	Mechanical System Design
	MIYAKE, Takeo	Current Bioelectronics
	TATENO, Shigeyuki	Production Process
	INUISHI, Masahide	Power Semiconductor Devices
Integrated Systems	IKENAGA, Takeshi	Image Information Systems
	KIMURA, Shinji	High-Level Verification Technologies
	SHINOHARA, Hirofumi	Dependable Information Systems
	YOSHIMASU, Toshihiko	Wireless Communication Circuits Technologies
	IKEHASHI, Tamio	Micro Electro-Mechanical Systems
	KAKITSUKA, Takaaki	Light Emitting Systems
	TAKAHATA, Kiyoto	Opto-electronic Integrated Systems
OHSAWA, Takashi	Emerging Memory Systems	

Appendix 2

*Applicants are required to calculate GPA based on the evaluation scale below by themselves.

*IPS Admissions Office are responsible to calculate and reconfirm the GPA of each applicant based on the evaluation scale below by checking all of his/her transcripts submitted. In case it is considered difficult for applicants to calculate GPA based on the evaluation scale/instruction below, they are allowed to leave it to the IPS Admission Office, by leaving the GPA column in the MEXT scholarship application form blank and submitting it with all of your transcripts together.

<GPA Formula>:

$$* \frac{\{([\text{No. of GP3 Credits}] \times 3) + ([\text{No. of GP2 Credits}] \times 2) + ([\text{No. of GP1 Credits}] \times 1) + ([\text{No. of GP0 Credits}] \times 0)\}}{\text{Total Number of Registered Credits}}$$

- * No. = Number
- * GP = Grade Point

	Grade				
4-level rating (pattern 1)		Excellent	Good	Average	Fail
4-level rating (pattern 2)		A	B	C	F
4-level rating (pattern 3)		100 - 80	79 - 70	69 - 60	59 -
5-level rating (pattern 4)	S	A	B	C	F
5-level rating (pattern 5)	A	B	C	D	F
5-level rating (pattern 6)	100-90	89-80	79-70	69-60	59-
Grade Points	3	3	2	1	0

<Note>:

- (a) If applicants have taken courses that are not part of the credit system, replace the number of credits in the GPA formula with the number of courses taken.
- (b) For applicants who have transferred, calculate your GPA with the credits you obtained after transfer.
- (c) Grades of “Pass” or “Accreditation” must not be included into the GPA calculation.
- (d) When calculating GPA, truncate the number to two decimal places. For example, 2.654 will be 2.65.

WASEDA UNIVERSITY

Graduate School of Information, Production and Systems

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