

**Gunma University Graduate School of Science and Technology
Scholarship of Special Program " Education Program of Intelligence and Control for
Developing Advanced Human Resources of Japanese Companies (Special Program on
Intelligence and Control) " for Doctoral course students and Master course students
2025**

1. Purpose

Gunma University (GU), School of Science and Technology, Division of Mechanical Science and Technology, sponsors the Scholarship of Special Program on Intelligence and Control for Doctoral course students and Master course students in 2025. We seek applicants who have the excellent academic skills and capabilities required by the graduate schools according to the control program. Applicants should be motivated to contribute to the development of society through research and practice.

2. Scholarship from Ministry of Education Japan

This Special Program on Intelligence and Control offers a scholarship to 4 Doctoral course students and 4 Master course students from the Ministry of Education Japan. If adequate conditions are satisfied, the Ministry of Education Japan will support applicants financially with about 145,000 Japanese yen per month for every applicant (Doctoral course students) for three (3) years. For the master course, each selected student will be supported financially by about 144,000 Japanese yen per month for two (2) years.

3. Qualifications

- ◇ Student status: Applicants must be enrolled in the Graduate School of Science and Technology, Gunma University, from October 2025.
- ◇ Language ability: Since all the programs are in Japanese and/or English, applicants must satisfy any of the following conditions to prove they have sufficient Japanese or English language ability.
 - Japanese
 1. Applicants must pass with N2 or higher in the Japanese-Language Proficiency Test (JLPT) at the time of application.
 2. Applicants must complete curriculums that meet the conditions for admission to master's or doctoral courses at Japanese graduate schools using Japanese as the main language.
 3. Applicants are regarded by the accepting universities as having Japanese language ability equivalent to or better than 1.
 - English
 1. Applicants must pass or achieve scores in English language proficiency tests that correspond to B2 or a higher level in the Common European Framework of Reference for Languages (CEFR) at the time of application.
 2. Applicants must complete school curriculums that meet the conditions for admission in masters' or doctoral courses at a Japanese graduate school by using English as

the main language.

3. Applicants are regarded by the accepting universities as having English language ability equivalent to or better than 1.

◇ Applicants of the doctoral course must fulfill the following requirements:

- (1) Having acquired a master's or professional degree or expecting to do so by the end of September 2025
- (2) Having been awarded a degree in a foreign country that is equivalent to a master's or professional degree or expecting to receive one by the end of September 2025
- (3) Having completed a course and having acquired a degree equivalent to a master's or professional degree at an educational facility in Japan that is recognized as offering a graduate course in a foreign country under the school education system of that foreign country and that is separately designated by the Minister of Education, Culture, Sports, Science, and Technology or expecting to do so by the end of September 2025
- (4) Having been awarded, while in Japan, a degree equivalent to a master's or professional degree by taking a correspondence course of study offered by a school in a foreign country or expecting to receive one by the end of September 2025
- (5) Having completed a course at the United Nations University and having been awarded a degree equivalent to a master's degree
- (6) Having taken a course at a school in a foreign country, an education facility as specified in (3) above, or the United Nations University, having successfully passed a Ph.D. candidacy examination or the equivalent, and being recognized as having academic ability equal to or greater than that of a person with a master's degree
- (7) Having been designated by the Minister of Education, Culture, Sports, Science, and Technology (Public Notice of the Ministry of Education No. 118, 1989) as follows:
 - (a) A person who has graduated from university and has been engaged in research for two years or more at a university, research institution, etc., and who is recognized by this Graduate School as having academic ability equal to or greater than that of a person with a master's or professional degree based on the results of the said research or other reason
 - (b) A person who has completed 16 years of school education in a foreign country or who has completed 16 years of education by distance learning as provided by a school in a foreign country, and has been engaged in research for two years or more at a university, research institution, etc. after that, and who is recognized by this Graduate School as having academic ability equal to or greater than that of a person with a master's or professional degree based on the results of the said research or other reason
- (8) Being equal more than 24 years of age by the end of September 2025 and being recognized as having academic ability equal to or greater than that of a person who has acquired a master's or professional degree through an individual entrance qualifications assessment by this Graduate School

◇ Applicants of Master course must fulfill the following requirements:

- (1) Having graduated from a university or expecting to graduate by the end of September 2025
- (2) Having been awarded a bachelor's degree pursuant to the provisions in Paragraph 7 of Article 104 of the School Education Act (Act No. 26 of 1947) or expecting to receive one by the end of September 2025
- (3) Having completed 16 years of school education in a foreign country or expecting to do so by the end of September 2025
- (4) Having completed a course at an educational facility in Japan that is recognized as offering a university course in a foreign country under the school education system of that foreign country and that is separately designated by the Minister of Education, Culture, Sports, Science, and Technology or expecting to do so by the end of September 2025 (the person must be considered to have completed 16 years of school education under the system of that foreign country)
- (5) Having completed, while in Japan, 16 years of school education in a foreign country by taking a correspondence course of study offered by a school in that foreign country or expecting to do so by the end of September 2025
- (6) Having been awarded a degree equivalent to a bachelor's degree by completing a course (which could be a correspondence course of study offered in Japan by a school in a foreign country or a course at an educational facility recognized as such by the school education system of the said country and designated in the item(4)) with a study of three years or more at a university in a foreign country or at another school in a foreign country (limited to schools where the comprehensive education and research activities have been evaluated by a person licensed to do so by the government of the said country or by a related agency or schools that are separately designated as equivalent by the Minister of Education, Culture, Sports, Science and Technology)
- (7) Having completed a post-secondary course designated separately by the Minister of Education, Culture, Sports, Science and Technology at a specialized training college (limited to a course with a period of study of at least four years and that meets the other standards established by the Minister of Education, Culture, Sports, Science and Technology) on or after the date designated by the Minister of Education, Culture, Sports, Science and Technology or expecting to do so
- (8) Having been designated by the Minister of Education, Culture, Sports, Science and Technology (Public Notice of the Ministry of Education No. 5, 1953)
- (9) Having entered a graduate school other than the Graduate School of Science and Technology pursuant to the provisions of Paragraph 2 of Article 102 of the School Education Act (Act No. 26 of 1947) and being deemed by the Graduate School of Science and Technology to have scholastic ability suitable for receiving graduate-level education
- (10) Having been enrolled in a university for three years or more, having completed 15 years of school education in a foreign country, or having completed a course at an educational facility in Japan that is recognized as offering a university course in a foreign country

under the school education system of that foreign country and that is separately designated by the Minister of Education, Culture, Sports, Science and Technology (the person must be considered to have completed 15 years of school education under the system of that foreign country), as well as having achieved excellent results in subjects specified by this Graduate School

(11) Being equal or more than 22 years of age by the end of September 2023 and being recognized as having scholastic ability equal to or greater than that of a university graduate through an individual entrance qualifications assessment by this Graduate School

4. Program period, number of participants

- ◇ Period : From October 1, 2025 to September 30, 2026 (Doctoral course); From October 1, 2025 to September 30, 2027(master course)
- ◇ Number of positions/students to be selected in the Control Program: 16 (only 8 (4 in doctoral course and 4 in master course students) will be financially supported by Ministry Education, and 8 students will not be supported by scholarship)

5. Fee

	Examination fee 30,000 Japanese Yen	Admission fee 282,000 Japanese Yen	Tuition fee 267,900 Japanese Yen	Travel expense
Financially supported applicants	Supported by Gunma University	Supported by Gunma University	Supported by Gunma University	Supported by the Ministry of Education Japan
Not financially supported applicants	Paid by applicant	Paid by applicant *Admission fee exemption for almost all doctoral course students from oversea	Paid by applicant *Tuition fee exemption for almost all doctoral course students from oversea	Paid by applicant

6. Outline

Participants have to attend and conduct experiments and research on Artificial Intelligence and Control during the period.

7. How to apply

1. Documents required to make an application: Completed application form, academic transcripts in English, and Language proficiency certificate. Along with Detailed research proposal (free format; 1-2 pages for Masters, 3-5 pages for Doctor course), including research

background based on recent trends according to reputed literature/journals, research gaps, objectives, methodology, expected contributions, timeline, and full publication plans (expected good number of high-quality publications) A copy of passport (or a copy of a certificate of family register, certificate of citizenship or other identification issued by the government of his/her home country)

2. Official academic transcript(s) for all years of last university/graduate school attended (issued by the university/graduate school attended)
3. Certificate(s) of (prospective) graduation or a Diploma of last university/graduate school attended
4. Document(s) attesting to the applicant's outstanding academic achievements at the last university attended
5. Recommendation letter from the Dean (or above) at the current university or other institutions (to Yasuki Ishizaki, the president of Gunma University)
6. List of publications of the applicant (1. Journal papers, 2. International Conference papers, Awards, Thesis), including their abstracts (should be concise and to the point)
7. Proof of language ability (ex., a TOEFL, IELTS, or JLPT score report or a language of education certificate)
8. Detailed research proposal (free format; 1-2 pages for Masters, 3-5 pages for Doctor course), including research background based on recent trends according to reputed literature/journals, research gaps, objectives, methodology, expected contributions, timeline, and full publication plans (expected good number of high-quality publications).

◇ Application deadline to Gunma University : January 17, 2025.

◇ Interview Examination: We will have an online presentation examination in January. In the presentation, applicants need to explain (1) self-introduction, (2) past research, and (3) research topic and research plan in the Doctoral course/Master course.

◇ Result notice : Gunma University will notify the applicant in late January 2025 to Applicants.

- The contact regarding program preparation should be made directly through email to the Program Coordinator in Gunma University.

8. Inquiries

◇ Please send any questions to the Director of this program, Professor Kou Yamada, Gunma University.

Email : yamada@gunma-u.ac.jp