

December, 13th, 2016

**Call for 1st Grade of Master Course (M1) Students
for Winter Application (M1-W)**

The Leadership Development Program for Space Exploration and Research
Nagoya University Program for Leading Graduate Schools (LGS)

Program Director: Prof. Hideyo Kunieda
Program Coordinator: Prof. Hiroyasu Tajima

The Leadership Development Program for Space Exploration and Research, a Nagoya University Program for Leading Graduate Schools, aims to produce international leaders with the ability to drive the space industry and supporting its forefront industries through the development of space technology and expansion of space utilization.

To achieve this goal, we will provide various courses to nurture execution, broad perspective, management, problem-solving and global communication skills with a five-year doctoral program from the beginning of the master course.

In the recruitment of M1 winter admission FY2016, we will accept 2nd grade of Master course (M2) students of Nagoya University as of April 2017. For more details of this program, refer to the following web site and guidebook.

<http://www.frontier.phys.nagoya-u.ac.jp/index-e.html>

[Guidebook for Leadership Development Program for Space Exploration and Research](#)

[Eligibility]

Applicants who meet all of the conditions below

- (1) M1 Graduate students at Nagoya University who already determine to enroll in Doctoral Course of Nagoya University as of January 2017. All graduate schools and any nationality are welcome.
- (2) Students who must be able to make a definite commitment to remain in the program until completing their degree. Please note that students enrolled in the program may not to leave this program, even if selected for any DC1 or DC2 (Japan Society for the Promotion of Science (JSPS) Research Fellowship).

(3) Completion of the following coursework is a prerequisite for the application.

Applicants must complete the coursework below before the end of March, 2017.

- Basics for Space Science and Engineering (online course)
- Video Lectures on Space Science and Engineering: completing a total of four video lectures for the desired course affiliation and at least two elective video lectures in other courses.
- Lecture Courses on Satellite System, and Short Courses on Satellite Development and Applications: completing a total of at least two credits

Completion of other courses such as Overview of Space Exploration and Research, Global Leadership Training for meriting scholarship is also considered in determining admission.

[Number of Students to be Admitted]

8 applicants

In order to accept a diverse group of students, we will give priority to each graduate school course at Nagoya University set below;

- 5 students from graduate school of Science, and Mathematics
- 5 students from graduate school of Engineering
- 1 student from graduate school of Environmental Studies.

[Financial Support]

- Program students receive 85,000 yen per month as a basic scholarship.
- A standard scholarship of 150,000 yen per month will be provided when displaying an intension to fulfill higher level requirements (B Requirements) after advancement to 1st grade of doctoral course (D1) or above.
- Students will receive supports for studies and activities as grants for independent studies, internship expense at companies and foreign institutes, travel expense to international meetings and conference for researches.

[Course Outline]

It is requisite to take additional courses for this program besides the curriculum in your major.

Lecture courses to gain solid expertise and broad perspective

- Basics for space science and engineering (online course)
- Video lectures on space science and engineering
- Overview of space exploration and research
- Lecture courses on space science and engineering
- Short courses on space science and engineering

Curriculum to foster international communication and practical leadership skills

- English training (if required)
- Leadership development seminars
- Global leadership training courses
- Internship (corporations-domestic, overseas/ institutions-overseas)

Curriculum to cultivate problem-solving skills, project management and execution

- ChubuSat instrument development project

[Required Documents and Application Process]

[1] Application form for Leadership Development Program for Space Exploration and Research (Use the format in the link below.)

[2] Copy of Student I.D. card.

[3] Official transcripts from colleges/universities attended: Undergraduate and Master course (Document submission by scanning will be taken under the applicant's responsibility.)

[4] Reference of Appointed Supervisor after admitted by Nagoya University (Use the format in the link below.)

• Applicants need to upload the documents [1],[2] and [3] in PDF format via [the online entry form](#).

• After applicants' submission, automatic E-mail request for a reference will be sent to the supervisor designated by the applicant in [the online entry form](#). The reference [4] needs to be submitted by the supervisor in PDF format using either Japanese or English form. Please make a consultation with your supervisor about participation to this leading program before applying by all means.

 [Application guideline for M1 winter application \(in English\)](#)

 [Application form \(in English\)](#)

 [Reference sheet \(in Japanese\)](#)

 [Reference sheet \(in English\)](#)

[Application Period]

From **Tuesday, January 10th, 2017** to **Sunday, January 29th, 2017 [17:00]** (Japan Time).

Note that the deadline for submitting a reference form by the supervisor is following.

17:00, Tuesday, January 31th, 2017.

To [the online entry form](#)

[Selection Process]

- Applicants will be selected on the basis of their aspirations detailed in the application form, the reference by the applicant's appointed supervisor, and the results of their interview.
- Applicants are evaluated by the following points: aspirations for this program, prospects of exercising international leadership in space related industry after completing this program, applicants' vision of leadership, basic academic skills, logicity, simplicity and persuasiveness of explanation, communication skills, and English conversation skills.

[Interviews]

- The interview has been scheduled from (Mon) February 6th to (Fri) February 10th, 2017. An interview will be carried out in any of the date mentioned above. Indicate the time slots that are inconvenient for the applicant on the application form.
- If you are not at Nagoya University, you will take an interview using Skype. For the Skype interview, applicants will be identified through video images.
- During the interview, you will be asked to talk about contents written in your application form and related matters in either Japanese or English, then questions and answers will follow.

[Other Notes]

- The guidance sessions for this LGS program will be held on January 18 (Wed) and 23 (Mon), 2017. Those who are considering this admission are strongly recommended to attend one of the two guidance sessions.
- The results will be notified in writing within a few weeks after interviews. Successful applicants will be admitted as the date of April 1st, 2017.
- As a rule, this program financial support is provided as a scholarship. You

cannot receive the scholarship double with other scholarships from Japan Student Services Organization and/or other agencies. If you have a plan to receive other scholarships after admission, contact the Admission Office.

- The scholarship recipient may be responsible for expenses related to social insurance premium such as income tax, national pension and National Health Insurance. Considering all of these, as for the scholarship recipients with a monthly amount of 85,000 yen (Basic scholarship) and 150,000 (Standard scholarship), the amount left in one's hand after having deducted the tuition (assuming at a half-tuition exemption) might be approximately 40,000 and 90,000 yen, respectively from the second year of receipt. However, it depends on tax treaty and family structure. Please contact the Admission Office for further details.
- The list of students who receive the scholarship from this program will be publicly available on the program web site by the regulation of subsidies. Please be forewarned that the financial support will be terminated on March 2019, and not be offered afterward. We may be forced to reduce or terminate the financial support if our funding agency, the Japan Society for the Promotion of Science (JSPS) reduces or cuts off subsidies for this program before March, 2019.
- Regarding all personal information submitted related to filing for this program, it is only for use of activities of this Leading Graduate School program and will be treated carefully under responsibility.

[Contact Details for Inquiries]

Professor Masayasu Harada,

Chief of Admission Office for Leadership Development Program for Space Exploration and Research

E-mail: admission [at] frontier.phys.nagoya-u.ac.jp