

RCA-KAIST Master's Degree Course

(2021 Fall)



RCA REGIONAL OFFICE

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2021 RCA-KAIST Master's Degree Program

1. Overview

The RCA-KAIST Master's Degree Program of the Department of Nuclear and Quantum Engineering (NQE), Korea Advanced Institute of Science and Technology (KAIST) is designed to educate and train high-caliber students from the Regional Cooperative Agreement (RCA) Member States with the aim to preserve and enhance nuclear technology for RCA Member States. The graduates of the program have been contributing to the developments of nuclear and radiation technology for their countries by working in government supported R&D institutions, or government-funded enterprises, universities etc. as elite leaders.

This program has been implemented since March 2003 and 40 students in total from 11 countries have been accepted up to now. To finish the course, it takes up to 2 years regularly and students must satisfy certain requirements.

2. RCA-KAIST Scholarship

- RCA-KAIST program scholarship coverage is as follows;

- Application fee (80,000 Korean Won → see “How to apply”)
- 2 years Tuition (Approx. 8,200,000 Korean Won per academic year)
- Stipend (1,000,000 Korean Won/month): to be paid monthly on 25th of each month for up to 23 months depending on the study period.
- The economy-class one-way airfare from the nearest airport of the originating country to Incheon, Korea.

◇ NOTE:

- If a student decides to withdraw from the program of study after he/she was offered admission, he/she must return the full amount of the scholarship (including application fee) received up to the time of withdrawal.
- Withdrawal due to objective reasons (illness or natural disasters, etc.) shall be excluded from the return of scholarships.
- The local transportation from the airport to Daejeon, and the returning airfare

after finishing the course is **not covered** by the program.

- Information about KAIST

- On-campus housing (dormitory) can be arranged but the cost must be borne individually. At present, a 2-beds standard room at KAIST costs about 800,000 Korean Won/6 months (slightly different depend on each dormitory) and must be paid before the beginning of each semester.
- KAIST provides family apartment for married students near campus. You can register for this apartment after arriving at KAIST but there is a high competition. Normally, students can move into this apartment after 2-3 months after registering. Private housings with comparatively high price are also available near campus.
- The meals in the Campus cafeteria cost around 4,500 Korean Won per meal.
- Medical insurance fee of approximately 50,000 Korean Won/month and KAIST student health insurance fee of 40,000 won/semester should be paid by students.

3. Qualification for Application

- Applicants:

- must have graduated from a 4-year academic institution (or equivalent by the time) and have BA (Bachelor of Arts) or equivalent degree.
- must be recommended by National RCA Representative of his/her country by asking the Representative to notify the candidate name by email to Ms. Juyeong Park, program coordinator at juyeong@kaist.ac.kr or by fax to +82-42-350-8516.
- can find further information about his/her country's Representative at <http://www.rcaro.org/>.

4. Application Documents

- Application forms can be downloaded from the KAIST admission website. (<https://admission.kaist.ac.kr/intl-graduate/>). Applicants are recommended to frequently visit the KAIST admission website for being informed of further notices or your application status.

1. Document checklist (Online Application Printout)
2. Application form (Online Application Printout)
3. Statement of Financial Resources (Online Application Printout)
4. Two Letters of Recommendation from two professors of the educational institute where the applicant attended for BA or MS degree. Applicants who are working can also get recommendation letters from their supervisors. Letters will be received electrically by KAIST recommendation system.
5. Recommendation of RCA national representative of applicant's country (free-form): The copy of representative's letter should be sent to Ms. Juyeong Park at juyeong@kaist.ac.kr by the deadline of online application. Information on national representative can be found at <http://www.rcaro.org>.
6. Graduation (or expected) and degree certificates from all the colleges attended (original or certified copy)
7. Academic transcripts from all the colleges attended (original or certified copy)
8. Curriculum Vitae
9. Copy of identity documents I (applicant's): An official document indicating applicant's nationality. e.g. passport, national ID card, alien registration card, etc. (Include a copy of page showing the passport number, date of issue and expiration, photo, and name.)
10. Copy of identity documents (parents'): An official document indicating parents' nationality, e.g. passports, national ID cards, etc. (Include a copy of page showing the passport number, date of issue and expiration, photo, and name.); It can be replaced by Death Certificate or Family Registration Certificate.
11. Optional 1: Regular TOEFL (or TOEIC, TEPS, IELTS) score record more than below score will be highly evaluated (for students only from non-English speaking countries). The test taken more than 2 years prior to application due date may not be accepted.

Academic Year	TOEFL IBT	TOEFL PBT	TOEFL CBT	TEPS	TOEIC	IELTS
2021 ~	83	560	220	599	720	6.5

12. Optional 2. List of Honors and Awards (downloadable)
13. Optional 3. Employment Certificate
14. Optional 4. School Profile/ Credit Rating System

◇ NOTE

- For the forms and details, please visit <https://admission.kaist.ac.kr/intl-graduate/>. Applicants should follow International Graduate Admission Application Guide.
- All documents must be **official and original**. The offer of admission may be revoked if a candidate's submitted documents are found to be false and counterfeit. Also faxes and photocopies are not considered as the valid application documents. However, photocopies of transcript with new fresh valid stamp are considered as original.
- For degree and transcript, certified copy with apostille certificate (or Korean embassy certificate) is preferred, as it will expedite your achievement of visa after admission notice
- All documents should be written **in English** officially so if application documents including academic transcript are written in a language other than English, they should be translated into English with the authorization of a public notary in your country.

5. How to apply

- All applicants must apply online from March 16, 2021 ~ April 2, 2021, through <https://apply.kaist.ac.kr/intergradapply>. After finishing online application, the application ID and password must be informed to Program coordinator (juyeong@kaist.ac.kr) so that admission fee can be paid by RCA program. Payment will be made only if recommendation letter from RCA NR is received.
- Online application form should be printed and enclosed in the application package.
- Applicants should send their application package directly to Graduate Admissions Team at KAIST, and application package should be arrived by the due date given below. For detailed information including address, please refer to the KAIST admission website (<https://admission.kaist.ac.kr/intl-graduate/>). The Graduate Admissions Team shall only accept application documents that arrive at KAIST by due dates. They do not take any responsibility for a failure in delivery of application documents by the deadline.
- Submitted documents will NOT be returned in any case. Please keep a copy of all application materials in case the materials get lost in the mail.

- Statement of Financial Resources

Resource: Sponsoring Organization, Firm, or Government

Classification : Tuition & Fees, Living Expenses

Name: RCA-KAIST Master's Degree Program

Amount: 19000/18100

- Professor Information

Name : Prof. Gyuseong Cho

Relationship with Applicant : Program Coordinator

Occupation : Professor

Mailing Address : 291 Daehak-ro, Yuseong-gu, Daejeon 34141, Rep. of Korea

Email : gschol@kaist.ac.kr

Fax : +82-42-350-8516

Telephone : +82-42-350-8511

Cell Phone : +82-10-4165-4840

- After you submit your application forms to Graduate Admissions Team at KAIST, you **MUST** notify the RCA-KAIST Master's Degree Program professor (Prof. Gyuseong Cho, gschol@kaist.ac.kr) by email.

Application due date: <u>April 9, 2021</u>
Postal Address Graduate Admissions Team, KAIST # 110, 1 st Floor, E16-1 B/D 291 Daehak-ro, Yuseong-gu, Daejeon 34141 Republic of Korea Office. +82-42-350-2352, 2354 / E-mail: advanced.adm@kaist.ac.kr

6. Admission Procedure and Coming to KAIST

- **Screening at Department: May, 2021**

- The Departmental Student Selection Committee (which includes the Program professor) at the Department of Nuclear and Quantum Engineering, KAIST will review all the applications submitted to the Admission Management Team of KAIST. Then, qualified applicants will be recommended to the Student Selection Committee of KAIST. If the number of qualified applicants is larger than the maximum number of students that the RCA-KAIST Master's Degree Program

can accept, some of applications can be transferred into the KAIST scholarship program.

● **Admission Evaluation: June, 2021**

- Applications recommended by the Departmental Student Selection Committee will be evaluated by the KAIST Student Selection Committee.

● **Admission Notification: June 18, 2021**

- Admissions results will be posted on the KAIST admission website (<http://admission.kaist.ac.kr>) along with registration instructions. The program coordinator also will contact admitted applicants for further instructions by e-mail.

● **VISA and Air Ticket Process: July, 2021**

- The admitted students should get his/her Visa from Korea Consulate in his/her countries. KAIST International Office (IO) will give you guidance for Visa issuance,
- **Economy-class one-way ticket under 800 USD** from originating country to Incheon international airport will be provided. Program coordinator will contact you for this information when the admission result is announced.

● **Arrival at KAIST: August 25 ~ 28, 2021**

- When the students arrive at Incheon airport, they should take an **Airport Limousine Bus to Daejeon** at Plat form 9D in the airport. (< 35,000 won) and tell the driver you will get off **at the former Lotte Hotel bus-stop or Government Complex bus-stop** in Daejeon (06:00 AM~23:30 PM).
- When the students arrive at Daejeon, get off at bus-stop and take a taxi to KAIST (< 6,000 won). Tell the driver your dormitory name and building number to get to your dormitory. Information on dormitory will be provided in advance by KAIST International Office (KAIST IO) with admission notification.

● **Settlement on Campus: August, 2021**

- KAIST IO will help you for settlement in KAIST (making a bank account, the alien registration card, the computer account and the residence card etc.). For more information, please visit KAIST IO website at <https://io.kaist.ac.kr/>
- Report your arrival to the Program Coordinator, Ms. Juyeong Park by visiting Room 6101 of N21 building for further instruction on RCA-KAIST Program.
- Students are encouraged to meet many professors of interests and should

determine his/her academic advisor with the agreement of the professor he/she chose and then his/her studying desk will be assigned in the academic advisor's laboratory.

- ◇ Students should bring 3 passport-size photographs in order to make a photo ID and other necessary official documents without delay.
- ◇ Students are advised to bring warm clothes for the cold season, November to March, as well as some money (~ 1,500,000 Korean Won) for the initial set-up.

● **Start of Semester: August 30, 2021 (Monday)**

- Fall semester 2021 starts on August 30, 2021.
- The minimum credit unit per semester is 9 and the maximum is 12.
- Students must satisfy the department and KAIST requirements for their graduation (You can refer to the NQE department website at <http://nuclear.kaist.ac.kr>).

7. Requirements for Graduation

There are two options for MS degree track:

● **Thesis-based MS degree**

- For graduation, students must obtain at least 33 credit units consisting of (1) 7 courses (7x3 = 21 units) with the average GPA score of 2.5 or higher and (2) a thesis research (12 units) for 2 years. If your BS major was not nuclear engineering, NQE502 “Principles and Applications of Nuclear Engineering” or NQE503 “Radiation Science, Technology, and Applications” is mandatory to attend. The minimum credit plan for graduation is as follows;

Mandatory General (HSS 586 or CCxxx)	1 course	3 credit units
Ethics and Safety	1 course	0 credit units
NQE Courses	4 courses	12 credit units
Courses in any departments	2 courses	6 credit units
<u>Thesis research</u>		<u>12 credit units</u>
Total		33 credit units

● **Course-based MS degree**

- This is an option to finish MS program without thesis research (12 units) but with 2 more courses (6 units) + and Independent Research (6 units). The student

is supposed to finish MS degree within 3 semesters. For this option, however, students must consult with his/her academic advisor during the first or second semester.

8. Further Information

- For any question about the program, scholarship and application procedure etc, please contact Ms. Juyeong Park, the program coordinator of KAIST, at juyeong@kaist.ac.kr.
Tel) +82-42-350-8511, Cell) +82-10-4165-4840, Fax) +82-42-350-8516
- For detailed information about KAIST, including housing and map etc. can be found in the official KAIST website at <http://www.kaist.ac.kr/>
- For detailed information about the Department of Nuclear and Quantum Engineering, such as faculty members, research area and curriculum etc., can be found at <http://nuclear.kaist.ac.kr/>
- For further detailed information about the RCA, National RCA representatives, RCARO (RCA regional office in Korea) and the Program, it can be found at <http://www.rcaro.org>.