RCA-KAIST Master's Degree Course

(2016 Spring)

RCA REGIONAL OFFICE

Contents

2016 RCA-KAIST Master's Degree Program

1. Overview

The RCA-KAIST Master's Degree Program of the Department of Nuclear and Quantum Engineering, KAIST (Korea Advanced Institute of Science and Technology) is designed to educate and train high-caliber students from the 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 the graduates' 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 29 students in total from 10 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 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 (900,000 Korean Won/month): to be paid monthly on 25th of each month for up to 22 months depending on the study period.
- The economy-class one-way airfare from the nearest airport of the originating country to Incheon, Korea.

◇ NOTE:

- The local transportation from the airport to Daejeon, and the returning air fare after finishing the course is **not covered** by the program.
- 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 660,000 Korean Won/6 months (may change slightly) and must be paid at 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 4-6 months after registering. Private housings with comparatively high price are also available near campus.
- The meals in the Campus cafeteria cost around 3,500~4,000 Korean Won per meal.
- Medical insurance fee of approximately 45,000 Korean Won/month will be paid by intended professor, however KAIST student health insurance fee of 30,000 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 Assistant 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. (For more information, please visit the KAIST admission website at http://admission.kaist.ac.kr). Applicants are recommended to frequently visit the KAIST website or RCA website http://www.rcaro.org for being informed of further notices or additional guidance for application.

  1. Document checklist (downloadable)
  2. Application form (online application) (downloadable)
  3. Statement of Financial Resources (online application) (downloadable)
  4. Two Letters of Recommendation (downloadable) from 2 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.

5. Recommendation of RCA national representative of applicant's country: 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

7. Academic transcripts from all the colleges attended

8. 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.)

9. Copy of identity documents (parent's): 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.)

10. Curriculum Vitae

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
2015 ~	83	560	220	599	720	6.5

12. Optional 2. List of Honors and Awards (Form 3) (downloadable)

13. Optional 3. Employment Certificate

14. Optional 4. School Profile/ Credit Rating System

◇ NOTE

. For the forms and details, please visit http://admission.kaist.ac.kr

In the Statement of Financial Resources (one of application documents), you must select "Sponsoring Organization, Firm, or Government" as a funding source and write down "RCA-KAIST Master's Degree Program" as the name of sponsor.

. 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.

. 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 August 17th, 2015 ~ September 21st, 2015 through http://admission.kaist.ac.kr/international/. After finishing online application, they must inform Program Assistant (juyeong@kaist.ac.kr) your application ID and password so the admission fee can be paid by RCA program. Online application form should be printed and enclosed in the application package after the payment is made. The deadline of document submission is October 6th, 2015.
- Applicants should send their application package directly to the Admission Management 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 (http://admission.kaist.ac.kr). The Admission Management 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.
- **NOTE:** In the Statement of Financial Resources (one of application documents), you must select "Sponsoring Organization, Firm, or Government" as a funding source and write down "RCA-KAIST Master's Degree Program" as the sponsor name and Prof. Gyuseong Cho as the professor's name.
- After you submit your application forms to the Admission Office at KAIST, you **MUST** notify the RCA-KAIST Master's Degree Program Coordinator (Prof. Gyuseong Cho, gscho@kaist.ac.kr) by email.

Application due date: **September 21st, 2015**
Address: KAIST, Admissions Office (Graduate) E11 Bldg., 5F, Rm#508A, 291 Daehak-ro, Yuseong-gu, Daejeon (305-338) Republic of Korea T. +82-42-350-2352, 2354

6. Admission Procedure and Coming to KAIST

● **Screening at Department:**
  - The Departmental Student Selection Committee (which includes the Program Coordinator) 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:**
  - Applications recommended by the Departmental Student Selection Committee will be evaluated by the KAIST Student Selection Committee.

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

● **VISA and Air Ticket:**

  - The admitted students should get his/her Visa from Korea Consulate in his/her countries.

- Air ticket will be reimbursed by the program after arrival, so students must submit the air ticket and its payment receipt issued by the travel agency where he/she bought the ticket. It should be **economy-class one-way ticket under 800 USD**.
- He/she should let the Program Coordinator (or Program assistant) know your arrival date and time.

● **Arrival at KAIST: <u>Wed., February 24th ~ Mon., February 29, 2016</u>**
- When the students arrive at Incheon airport, they should take an **Airport Limousine Bus to Daejeon** at Plat form 9D in the airport. (< 30,000 won) and tell the driver you will get off **at the former Lotte Hotel bus-stop** or **Government Complex bus-stop** in Daejeon.
- 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 Student Welfare Team with admission notification.

● **Settlement on Campus :**
- International Scholar and Student Service (ISSS) 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 ISSS website at http://isss.kaist.ac.kr/.
- Report your arrival to the Program Assistant, Ms. Juyeong Park by visiting Room 2414 of N7-1 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 February, as well as some money (~ 900,000 Korean Won) for the initial set-up because the first monthly stipend will be given on March 25th.

● **Start of Semester : <u>Tues, March 1st, 2016</u>**
- Spring semester 2016 starts on March 1 (usually the lecture will start on March 2nd since March 1st is National holiday of Korea), 2016 and the fall semester

2016 starts on September 1, 2016.

- 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. The minimum credit plan for graduation is as follows;

English (NQE595 or CCxxx)	1 course	3 credit units
Nuclear energy policy (NQE575/675)	1 course	3 credit units
Nuclear & quantum eng. courses	3 courses	9 credit units
Courses in any departments	2 courses	6 credit units
Thesis research & writing		12 credit units
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 individual study (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 assistant 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.