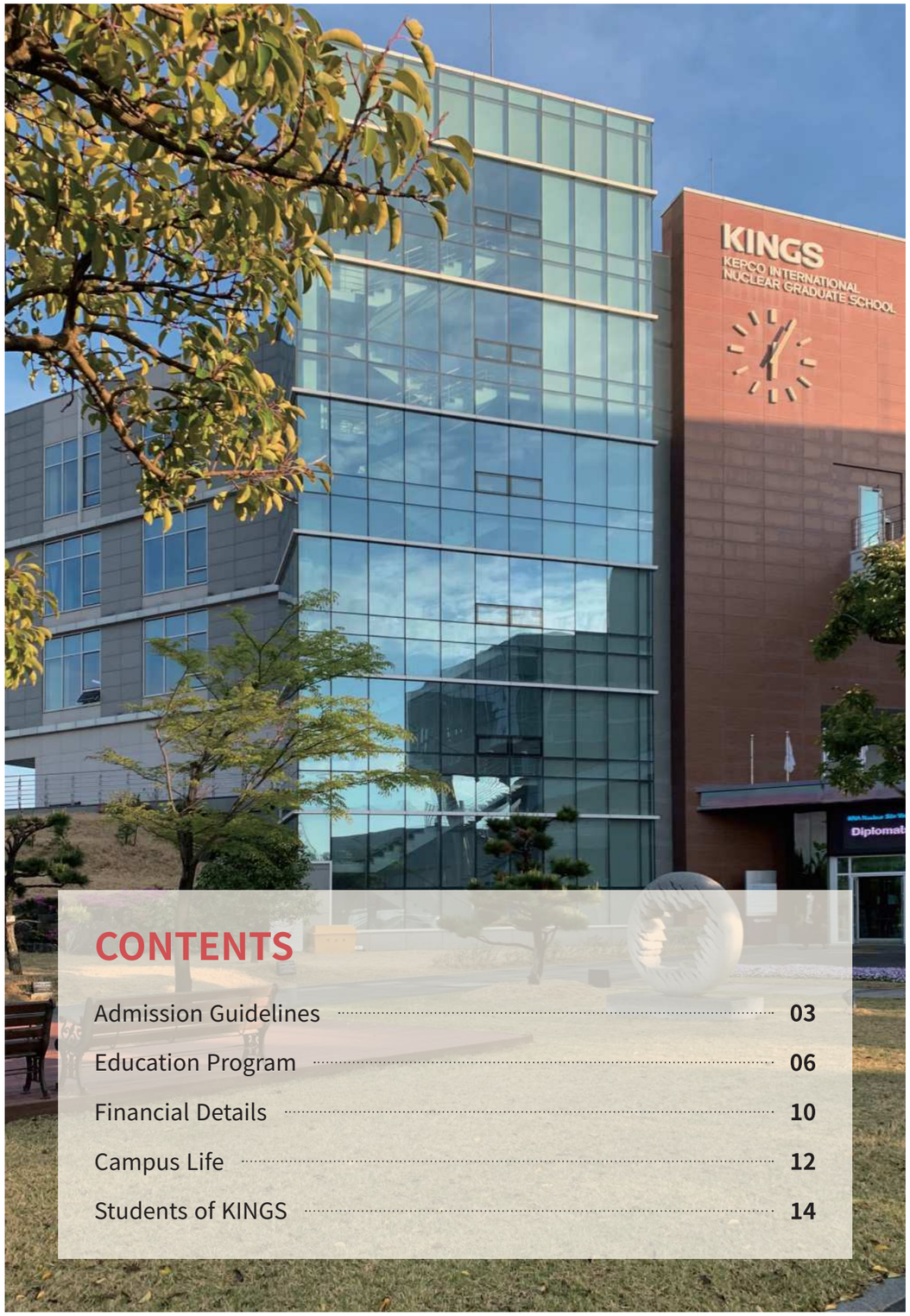
KINGS

2023

ADMISSION GUIDELINES

KINGS KEPCO INTERNATIONAL NUCLEAR GRADUATE SCHOOL



CONTENTS

Admission Guidelines 03
Education Program 06
Financial Details 10
Campus Life 12
Students of KINGS 14

ADMISSION GUIDELINES

ADMISSION POLICY

- KINGS is accredited Institution by the Ministry of Education of Korea.
- The School confers two types of Master's Degree : Master of Engineering(ME) and Master of Science(MS).
- KINGS desires future-oriented and experienced applicants who are working in energy related fields.
- Motivated and open-minded individuals are invited to apply.
- An ability to study in cross cultural environments is an essential requirement for KINGS admission.

ADMISSION CRITERIA

Eligibility criteria such as academic background, work experience, letter of recommendation, and language requirement is described in table below.

Requirement	Details
Academic Background	Bachelor's Degree or Higher
Work Experience	+1 Year Preferred
Letter of Recommendation	Company, Government or Academic Supervisor
Language Requirement	Certified English Test Score or Equivalent Language Proficiency for applicant from non-English speaking countries

TIMELINES

On-line Application	Documents Review	On-line Personal Inventory test	Interview	Announcement of Final Decision
From Sep. 5 to Oct. 10	Oct. 25	From Oct. 27 to Oct. 28	From Nov. 14 to Nov. 18	Dec. 2

※ Timeline is subject to change.

HOW TO APPLY

- To access the on-line application, find the **"Apply Now"** banner on the KINGS website(www.kings.ac.kr), under the **"Admission"** menu.
- Create your own account and fill in all the required information for each page of them
- The on-line application page will be available only during the official application period. Please refer to the notice on KINGS website for the 2023 application period.

REQUIRED DOCUMENTS [1)]

01	Application for admission	Form 1	05	Letter of recommendation	Form 5
02	Statement of purpose	Form 2	06	Original diploma and transcripts of undergraduate degree [2)]	
03	Study & career plan	Form 3	07	Proof of proficiency in English (If applicable)	
04	Certificate of employment	Form 4			

1) All forms(1~5) are provided at the application system (www.kings.ac.kr)
Identification photo taken within 3 months (black and white photo will not be accepted)

2) For academic credential overseas degree should be approved either by apostille or consular confirmation by local Korean Embassy. You are required to submit original documents **when you apply by post mail no later than Oct. 24.**

PROOF OF ENGLISH PROFICIENCY

- Applicant whose native language is not English must demonstrate his/her English language proficiency by submitting any certificates from authorized institutions.
- An applicant who has graduated from a university in country whose official language is English is exempted from providing English proficiency if he/she submits a certificate stating that he/she has completed all of the courses in English.

IMPORTANT NOTICE

- For the applicants who pass the documents review are required to take Personal Inventory Test through on-line. Internet access link will be sent individually.
- All application documents must be typed(not hand-written) in English.
- Non-English based documents must be accompanied with notarized English translations.
- All submitted documents will NOT be returned.
- If an applicant has gained admission in an illegal manner(through forgery, alteration of documents, of document translation errors) then the admission will be nullified. Furthermore, if a criminal case is suspected, the student will be reported to the authorities of Republic of Korea and of the applicant's home country in compliance with the law.

APPLICATION FEE

- KINGS does not charge an application fee for international students.

MAILING ADDRESS

Room #510 main building
658-91 Haemaji-ro, Seosaeng-myeon, Ulju-gun, Ulsan 45014 Republic of Korea

EDUCATION PROGRAM

DEPARTMENT OF NUCLEAR POWER PLANT ENGINEERING

INTRODUCTION

The Department of NPP Engineering offers a comprehensive graduate-level program covering all aspects of a nuclear power plant project starting from the design and certification phase, through the operation and management, all the way to decommissioning. Our program provides students with theoretical as well as practical training that enables them to lead NPP projects in their countries.

Most of our students are employed professionals who have worked for over three years in nuclear power-relat- ed corporations or companies, in either the Republic of Korea or other countries. After completion of the two-year (four-semesters) program at KINGS, students graduate with a Master's Degree in Nuclear Power Plant Engineering. Students may pursue a Master of Engineering (ME) or a Master of Science (MS).

In their first year, students take a number of courses covering different areas of NPP Engineering (e.g. design, construction, project management, safety analysis, radiation protection, decommissioning, and waste management). In their second year, students specialize in one of those study areas, through team projects that combine engineering and management aspects of an NPP project. This prepares our students to take up global leadership roles in the energy organizations of their countries.

CURRICULUM & STUDY AREAS

Track 1 NPP DESIGN & CONSTRUCTION

- Study Areas I Nuclear Fuel Design, Mechanical Engineering, Electrical Engineering, Civil & Earthquake Engineering

Track 2 NPP OPERATION & SAFETY

- Study Areas I Probabilistic Risk Assessment & Management, Thermal Hydraulics & Safety Analysis

Track 3 NPP DECOMMISSIONING & WASTE MANAGEMENT

- Study Areas I NPP Decommissioning, Spent Fuel & Waste Management, Radiation Safety & Environmental Protection

Track 4 NPP DEPLOYMENT AND GLOBAL BUSINESS*

- Study Areas I Energy Business Environment, Project Deployment & Development, Financial Management , Project Managment

* INMA(International Nuclear Management Academy) endorsement process is underway

Common courses for all tracks

- Introduction to NPP Engineering, APR & SMR Technology
- Business Negotiation, Technical Writing for Report, Speech and Debate, Cross Cultural Program

※ The curriculum above is subject to change

GRADUATION REQUIREMENTS

DEGREE TYPE

- Master of Engineering (ME) in Nuclear Power Plant Engineering
- Master of Science (MS) in Nuclear Power Plant Engineering

COMMON REQUIREMENTS

- Minimum of 36 credits, Minimum GPA of B- (2.7/4.3)
- Study Period : 2 years (March 2023 - February 2025) at KINGS
- Thesis (MS) or Project Report (ME) approved by the Examining Committee

Note : Departmental requirement(s) per degree type may apply.

DEPARTMENT OF ENERGY POLICY & ENGINEERING

INTRODUCTION

Energy policy is a complex process, where economics, environmental protection, and sustainability issues are interconnected. The Department of Energy Policy and Engineering offers a curriculum that builds capability to understand and solve problems which can arise from such a complex process in an integrated way. The program is designed to foster global-level energy policy decision makers and executives who understand both theory and practice through lectures, practical training, and sharing experience with colleague students from various fields, including electric power companies and overseas public institutions.

The department operates a two-year program: the energy policy and engineering courses in the first year at KINGS, and the thesis/individual project report research program at the student's affiliated institution in the second year. Students can earn a Master of Engineering (ME) or Master of Science (MS) from KINGS.

Not only are projects becoming more complex, but are also developing a digital technologies aspect in their workflow. To help students prepare for such advancements, KINGS offers courses in Big Data, Python program- ming and Artificial Intelligence/Machine Learning.

CURRICULUM & STUDY AREAS

Track 1 ENERGY POLICY AND MANAGEMENT

- Study Areas I Electricity Market and Economics, Financial Management and Accounting, AI Application to Energy Industry, Climate Change and Environmental Policy

Track 2 NET ZERO ENERGY BUSINESS

- Study Areas I Sustainable Electricity System Planning, Project Valuation and Financing, AI Application to Energy Industry, Net Zero Energy Technology and Business

Common courses for all tracks

- Business Negotiation, Technical Writing for Report, Speech and Debate, Cross Cultural Program

* After taking courses in the study areas stated above for their first year at the KINGS campus, students will research a master's thesis/project report at student's affiliated organization under advice and supervision of a KINGS professor during their second year.

※ The curriculum above is subject to change

GRADUATION REQUIREMENTS

DEGREE TYPE

- Master of Engineering (ME) in Energy Policy and Engineering
- Master of Science (MS) in Energy Policy and Engineering

COMMON REQUIREMENTS

- Minimum of 36 credits, Minimum GPA of B- (2.7/4.3)
- Study Period: First year at KINGS / Second year at student's affiliated organization
- Thesis (MS) or Project Report (ME) approved by the Examining Committee

Note : Departmental requirement(s) per degree type may apply.

FINANCIAL DETAILS

TUITION & FEES [1)]

TUITION

Tuition is 48.4 million KRW (≒ 38,689 USD)[2)] per academic year. Tuition covers lectures, lecture materials, access to the library, and access to other facilities relevant to academic activities

MATRICULATION FEE

Matriculation fee is 1 million KRW (≒ 799 USD)[2)].

LIVING COST

Total rate of room and board is 12.8 million KRW (≒ 10,236)[2)] per year including three meals a day.

1) All fees and costs are based on the 2022 academic year and are subject to change for the 2023 academic year.

2) Values in parentheses are fees in US Dollars based on the exchange rate of 1,250.0 KRW/ USD.

FINANCIAL AID

SCHOLARSHIP

The KINGS Global Scholarship covers a maximum of two years of full-time study. All new eligible international students are awarded the global scholarship. To maintain the KINGS global scholarship, recipients must have satisfied the requirements(minimun GPA of B-, 2.7/4.3) as outlined in KINGS regulations. The scholarship covers the above mentioned tuition, matriculation fee, and room & board fee.

International Atomic Energy Agency(IAEA) support the participation of fellow to KINGS Master's Degree Program in Nuclear power plant engineering based on IAEA's policy. Please contact the IAEA liason office in your country.

RCA provides sponsorship for the KINGS Master's Degree Program in Energy Policy and Engineering based on RCA policy. Please visit the website(http://www.rcaro.org/) and contact the RCA Regional Office for detailed information.

※ RCA : Regional Cooperative Agreement for research, development and training related to nuclear science and technology for Asia and the Pacific.

ASSISTANTSHIP

Administrative Assistantship(AA) are available for eligible international students. The monthly assistantship stipend rate depends on the actual hours of service provided by the student each month. Students can work up to a maximum 30 hours per month.

MEDICAL & INSURANCE

- KINGS provides basic health check-ups and care at the health office. For international students who need medical treatment at a hospital, the school provides support regarding hospital information.
- The Korean government requires a mandatory health insurance. Recently according to the Ministry of Health and Welfare in Republic of Korea, a foreigner who has stayed for more than six months must subscribe to the Public National Health Insurance since 1 March 2021. The amount of health insurance fee is approximately $50 per month.

CAMPUS LIFE

FACILITIES

- KINGS dormitory has 200 single occupancy rooms, a cafeteria, and an Islamic prayer room.
- Each dormitory room is equipped with a bathroom, a study desk, a single bed, and a refrigerator.
- KINGS cafeteria provides regular Korean and Western meals.
- A fully furnished common kitchen is also available for student use.
- Residential facilities including tennis and basketball courts, a futsal field, a ping-pong room, and a gym are available.
- KINGS has high-speed internet connection which students can access on campus, fee of cost.
- A Kookmin Bank(KB) ATM is also available on campus.

MONTHLY EVENTS FOR KINGS STUDENTS

2023. 2 I February	3 I March	4 I April
Orientation	Matriculation 1st Semester Open	Spring Event
5 I May	**6 I June**	**7 I July**
Club Activities	1st Cultural Trip	Summer Session
8 I August	**9 I September**	**10 I October**
Summer Vacation	2nd Semester Open	Fall Event
11 I November	**12 I December**	**2024. 1 I January**
Photo Shoot	Winter Vacation	Commencement

※ The schedule is subject to change.

For more information, visit the KINGS website(www.kings.ac.kr) or
contact Academic Affairs Team at admission@kings.ac.kr

STUDENTS OF KINGS

2012-2022

TOTAL

	Graduate	Enrolled	Sum
Korean	229	57	286
International	218	55	273
Total	**447**	**112**	**559**

EUROPE

	Graduate	Enrolled
Poland	5	4
Czech Republic	-	2
Romania	4	-
Turkey	3	3
Belarus	1	-
Total	**13**	**9**

MIDDLE EAST

	Graduate	Enrolled
Egypt	20	2
Saudi Arabia	-	2
UAE	5	2
Jordan	3	1
Yemen	5	-
Total	**33**	**7**

ASIA

	Graduate	Enrolled
Korea	229	57
Vietnam	24	2
Malaysia	16	1
Indonesia	9	9
Uzbekistan	-	3
Kazakhstan	1	-
Bangladesh	6	1
Thailand	2	-
Philippines	1	1
Mongolia	7	-
Cambodia	1	-
Tajikistan	1	-
Pakistan	-	1
Total	**297**	**75**

AFRICA

	Graduate	Enrolled
Kenya	43	6
South Africa	12	4
Nigeria	20	5
Ghana	8	2
Tanzania	7	-
Uganda	7	2
Tunisia	1	-
Senegal	1	-
Rwanda	-	1
Total	**99**	**20**

AMERICA

	Graduate	Enrolled
Brazil	4	1
Mexico	1	-
Total	**5**	**1**

KINGS KEPCO INTERNATIONAL NUCLEAR GRADUATE SCHOOL

658-91 Haemaji-ro, Seosaeng-myeon, Ulju-gun, Ulsan 45014
Republic of Korea

www.kings.ac.kr