

KOICA NEXT Fellowship Program in (Master's Program in Smart Naval Manufacturing & Design Engineering)

4, 21, 2026 – 28, 2, 2030

Seoul & Seongnam, Korea



Korea International Cooperation Agency

(연수기관 로고)

(연수기관명)

Participants are strongly advised to thoroughly read and follow the provided instructions in the Program Information.*

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I . PROGRAM OVERVIEW

■ **Program Title:** (KOICA-Ulsan College NEXT Fellowship Program in Master's Program in Smart Naval Manufacturing & Design Engineering)

■ **Duration**

- Stay duration: September 1st, 2026 ~ February 28th, 2030 (42 months)
- Academic duration: March 1st, 2027 ~ February 28th, 2030 (36 months)

In accordance with the university regulations, the diploma will be issued in February, 2030.

■ **Degree:** Master of Professional Technology in Engineering

■ **Objectives**

- ① Training high-skilled engineers capable of leading industrial transformation in developing countries, based on the curriculum of the Department of Future Mobility Manufacturing.
- ② Building growth drivers for the partner country by transferring advanced technologies such as ship design and smart manufacturing, drawing on practical experience from leading domestic companies such as HD Hyundai E&C.
- ③ Strengthening organizational and human-network ties between the partner country and Korea, and promoting friendly cooperation, through improved Korean language skills and exposure to Korean culture.

■ **Training Institute:** Ulsan College

■ **Number of Participants:** 10

■ **Qualification:** At least 2 years of working experience in the relevant fields of this course
(Applicants will be eligible regardless of current employment status)

■ **Language:** English fluency that requires no translation

■ **Accommodations:** Chungwoon International Building or Rental house

Category	Details
Completion	February 26, 2021
Scale	9-story building
Capacity	125 rooms

II. HOW TO APPLY

■ Application Schedule

1. Scanned documents should be sent to official university email to review
 - E-mail: jhpark11@uc.ac.kr
 - Date of submission: by 2026. 6. 26.(Fri)
 - ※ Conduct interviews if necessary
2. University will inform the students of their acceptance on the course
3. The original copies should be sent to university before issuing Certification of Admission (COA)
 - Address: Ulsan College West Campus, Cheong-woon International Building, room 206, 57, Daehak-ro, Nam-gu, Ulsan Metropolitan City, Republic of Korea.
(Zip Code) (44610)
 - Recipient: Jae-hyeong Park
4. Student should apply for the visa at the Korean embassy or consulate with the COA
5. The flight schedule must be discussed with university in advance before confirmation

■ Required documents

※ Applicants will apply for a D-4 Visa(Language course). After completing six months language course, applicants will apply to change their visa status from D-4(Language course) to D-2-3(Master's course). Applicants may be required to submit 'No 7. Certificate of Bank Balance' again for the visa change.

No	Document		Essential /Optional	Details
1	Application Form		Essential	An official form downloaded from Ulsan College Website(https://int.uc.ac.kr/int/Main.do)
2	Personal Statement & Study Plan		Essential	An official form downloaded from Ulsan College Website(https://int.uc.ac.kr/int/Main.do)
3	Bachelor's Degree or Certificate of (Expected) Graduation	Graduates from universities except China	Essential	Original documents with Apostille or Consulate Authentication must be required - Documents written in languages other than Korean or English must have a notarized translation and then be authenticated with Apostille or Consulate Authentication. - Apostille or Consulate Authentication is not required for universities in Korea.
		Graduates from universities in China		Verification Report of bachelor's degree (in English) - Submit the original certificate issued by the Chinese Ministry of Education(中国高等教育学生信息网) Website for issue: (http://www.chsi.com.cn)
4	Official Transcripts of All Attended universities	Graduates from universities except China	Essential	Original documents with Apostille or Consulate Authentication must be required - Documents written in languages other than Korean or English must have a notarized translation and then be authenticated with Apostille or Consulate Authentication. - Apostille or Consulate Authentication is not required universities in Korea.
		Graduates universities in China		Academic report (Transcript) of bachelor's degree (in English) - Submit the original certificate issued by the Chinese Ministry of Education(中国高等教育学生信息网) Website for issue: (http://www.chsi.com.cn)

No	Document		Essential /Optional	Details
5	Documents verifying foreign nationality of applicant and his/her parents		Essential	A Copy of applicant's and his/her parents' passports. ※ It is replaceable with copies of identification cards of native country(with authentication), or Documents of Alien Registration issued by Korean Immigration Office are also acceptable ※ Documents written in languages other than Korean or English must have a notarized translation.
6	Official(legal) document indicating the relationship between the applicant and his/her parents	Non -Chinese Nationalities	Essential	Birth Certificate ※ Other legal documentation indicating the relationship between the applicant and their parents may be accepted. e.g. Family Register, Family Relationship Certificate.
		Chinese Nationalities		1. Notarized Kinship of applicant and his/her parents (in English)/亲属关系证明 公证本(英文本) 2. Notarized Household Register (in English/居民户口簿 公证本英文本) ※ Both number 1, 2 documents must be submitted.
7	Certification of Employment (Certification of Career)		Essential	At least 2 years of working experience in the relevant fields of this course ※ Documents written in languages other than Korean or English must have a notarized translation.
8	Certificate of English proficiency		Optional	① National of a country where English is the native or official language ② Hold an official English proficiency test score: - IELTS 5.5 or higher - TOEFL 530 (CBT 197, iBT 71) or higher - TEPS 600 (New TEPS 326) or higher - CEFR B2 or higher - Or other official scores equivalent to the above
9	Residence card		Optional	If necessary
10	Certificate of Residence place		Optional	If necessary

*TB vaccination certificate and Measles vaccination certificate may be required at the Embassy.

III. PROGRAM CONTENTS

1. ACADEMIC SCHEDULE

Session	Date (YYYY.MM.DD)	Contents / Remarks
Preparatory Session	2026.08.25	Arrival
	2026.08.26	Orientation
Pre - Course	2026.09.01	Opening a bank account medical check-up living culture education Academic regulations
Fall Semester (1st semester)	2026.09.01	Korean language course
spring Semester (2nd semester)	2027.03.01	1 st major education
Fall Semester (3rd semester)	2027.09.01	2 nd major education
Spring Semester (4th semester)	2028.03.01	3 rd major education
Fall Semester (5th semester)	2028.09.01	4th major education & industry field training
Winter Break	2028.12.26	industry field training
Wrap-up Session	2028.12.18	Final Oral Defense Presentation
	2029.02.13	Graduation Ceremony
	2029.03.01	Departure

*The above schedule is subject to change.

**A detailed Program Schedule will be provided upon arrival.

2. CURRICULUM

1) Curriculum & Credits

- The credits required to complete the Master's program: 24 credits

Type	Type	Course Title
Korean language course	Required	Beginner Korean Course Intermediate Korean Course Korean Course for Field Terms Korean Cultural Activities
1 st Major Education	Required (6)	Practical Ship Design Advanced Offshore Plant Engineering Advanced Ship Noise and Vibration
2 nd Major Education	Required (6)	Advanced Marine Environmental Loads AI-Based Data Visualization Team Project
3 rd Major Education	Required (6)	Applied Measurement in Shipbuilding and Marine Experiments Practical Robotic Welding Operation Field Training 1 Technical Seminar 1
4 th Major Education	Required (6)	Practical Collaborative Robot Operation Convergence Capstone Design Field Training 2 Technical Seminar 2

* The above curriculum is subject to change.

2) Graduation Requirements.

- In order to graduate, students must complete 24 credits, earn a GPA higher than 3.0 (higher than B).

3. EXTRACURRICULAR ACTIVITIES (TENTATIVE)

1) Operation of Field-Oriented PBL (Project-Based Learning) : Practical subjects such as 'Project Research' and 'Technical Seminar' are organized utilizing real data from partner companies like HD Hyundai E&T.

2) Industrial Visit – Twice during this program: HD HYUNDAI HEAVY INDUSTRIES CO., LTD. (The places are subject to change)

2) Social Contribution Activities

3) Understanding of International Development Cooperation

4) Other Extracurricular Activities

IV. TRAINING INSTITUTE

1. GENERAL INFORMATION

1) About University

Briefing on Ulsan College

- Founded by Chung, Ju-young who established Hyundai Group
- Private school supported by Hyundai Heavy Industry, the biggest ship building company in the world
- Located in Ulsan, southeast of Korea
- Professor: 148
- Student: Over 5,000(including 600 international students)
- Cultivate field-oriented workforce for over 1,500 sisterhood companies
 - UCU has built strong industry-academy collaborations with leading corporations such as Hyundai Heavy Industry, LG and Samsung to run its field placement and internship programs

Status of Ulsan College (Achievements)

Nationally Recognized Top Vocational Education Leading University

Government Financial Support Projects

Selected for all major projects: LINC 3.0, Innovation Support (ICK), HIVE, Bootcamp, Meister University

Support Amount

Secured abundant government and local government funding of approx. 20 billion KRW((USD 14 million) annually

Global National Projects

Hosted Ulsan International Development Cooperation Center in 2025
Selected for several ODA Projects



College Innovation Support Program



Regional Innovation centered University Support System



Leading Specialized Colleges Support Program in Emerging Industries



Leaders in Industry-University Cooperation Plus (LINC+) Project



Innovative Convergence University Project in Advanced Fields



Work-Study Dual System Program



Advanced Industry Talent Development Bootcamp Program

Industry-Academy Cooperation Partnership

Strong Global Industry Network

Family Companies & Partner Enterprises
Large corporations such as Hyundai Heavy Industries, Hyundai Motor, SK Energy, Samsung SDI, and over 1,000 excellent local companies

Cooperation Contents
Providing field practice and internships
Joint curriculum development and employment linkage



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2) Homepage: <http://www.uc.ac.kr>

2. ACCOMMODATION

1) International Hall

-Students of Graduate School of KOICA Course live in the International Hall

- Living Conditions

- Dormitory
- Double occupancy
- The room includes (Private): Bed, Desk, Bookshelf, Closet, and Bathroom
- Communal Area (Sharing): Kitchen, Resting Area, Laundry room





2) Rental house

- Students may stay at a rental house if the dormitory is not available or according to their wish.

3. OTHER INFORMATION

1) Campus



2) Sports Facilities



3) Medical Facilities in City

Type	Medical Facility	Location	Business Hour	Phone
General	Ulsan Yonsei Hospital	152, Daehak-ro, Nam-gu	Mon: 09:00 - 19:00 /Tue-Fri: 09:00 - 18:00	1544-5525
Orthopedics	Ulsan Yonsei Hospital	152, Daehak-ro, Nam-gu	Mon: 09:00-19:00 / Tue-Fri: 09:00 - 18:00	1544-5525
Internal Medicine	Geonganghan Internal Medicine	4F, 136, Daehak-ro, Nam- gu	Weekdays: 09:00 - 18:30 / Sat: 09:00 - 13:00	052-247-6813
Otolaryngology	Mirae Ear, Nose, and Throat	23, Bukbusunhwan-doro, Nam-gu	Weekdays: 09:00 - 18:30 / Sat: 09:00 - 14:00	052-221-2653
Dental	UD Mugeo Dental Clinic	9F, 152, Daehak-ro, Nam- gu	Weekdays: 09:30 - 18:30 / Sat: 09:30 - 14:00	052-222-6226
Dermatology	Eum Dermatology Clinic	4F, 24, Bukbusunhwan-doro, Nam-gu	Weekdays: 09:30 - 18:30 / Sat: 09:30 - 13:00	052-249-5255
Ophthalmology	Park Ophthalmology Clinic	3F, 136, Daehak-ro, Nam- gu	Weekdays: 09:00 - 18:30 / Sat: 09:00 - 13:00	052-223-4311
Pediatrics	Seoul Children's Hospital	25, Bukbusunhwan-doro, Nam-gu	Weekdays: 09:00 - 21:00 / Sat-Sun: 09:00 - 18:00	052-922-1100

V. ACADEMIC REGULATIONS

Article 25 (Credits Earned)

- ① A student may not exceed 9 credits per semester. However, exceptions may be made with the approval of the President in special circumstances.
- ② The grade of the original course canceled due to retaking shall be marked in the format of 'R_Course Name', and the new grade shall be reflected in the GPA.
- ③ Earned credits cannot be forfeited.

Article 26 (Academic Grades)

- ① In principle, academic performance is evaluated through an absolute evaluation system. The grades and grade points are as follows: (Amended Nov. 1, 2025)

Grade	Raw Score	Grade Point
A+	95 - 100	4.5
A0	90 - 94	4.0
B+	85 - 89	3.5
B0	80 - 84	3.0
C+	75 - 79	2.5
C0	70 - 74	2.0
D+	65 - 69	1.5
D0	60 - 64	1.0
F	Below 60	0.0
SS, S	-	Non-counting

- ② Calculation of Grade Point Average (GPA):
 1. $GPA = \frac{\text{Total (Credits} \times \text{Grade Point)}}{\text{Total Credits Taken}}$. (Grades of 'P' are excluded from the GPA calculation.)
 2. For courses where scores are not required, they are marked as SS (Excellent), S (Satisfactory), or U (Unsatisfactory).
 3. Conversion to a 100-point scale: Conversion Formula = $60 + (GPA - 1) \times 40 / 3.5$.

Article 27 (Attendance and Excused Absences)

- ① Any student who is absent for more than one-third of the total class days in a semester cannot earn credits for that course.
- ② Students absent for the following reasons may receive attendance recognition by submitting an Attendance Recognition Application (Form B501-8) to the course instructor:
- ③ Absences due to family events (congratulatory/condolence) are applied as follows:

Category	Target	Days
Marriage	Self	5
Childbirth	Self	20
Childbirth	Spouse	5
Death	Spouse, Parents (Self/Spouse)	5
Death	Grandparents (Self/Spouse)	3
Death	Siblings (Self/Spouse)	1

1. In case of emergency surgery or serious illness: The period specified in the medical certificate, within a 3-week limit.
2. In case of various military relations (physical examination, mobilization, etc.): The period specified in the supporting documents.
3. In case of military enlistment after more than three-quarters of the class days have passed and mid-term exams are completed: The period after the date of enlistment.
4. Participation in domestic or international meetings and events at the request of public institutions: The period recognized by the Dean of Academic Affairs. <Amended Mar. 1, 2023>
5. Participation in field trips, training, or educational tours: The period recognized by the relevant Department Chair.
6. Female students unable to attend class due to menstruation: Within 1 day per month, up to 4 days per semester (excluded during exam periods).
7. Other unavoidable reasons such as natural disasters or infectious diseases: The recognizable period.

- ④ Attendance during the non-registration period is not recognized.
- ⑤ Attendance recognition due to (early) employment is not permitted.

Chapter 7: Student Guidance and Rewards/Punishments

Article 28 (Student Guidance)

- ① Each full-time faculty member shall be assigned a maximum of 2 students in total across all grades to provide close guidance, including project/thesis guidance and individual counseling. However, exceptions may be made if a student wishes for guidance in a specific field. <Amended Jan. 1, 2026>
- ② In addition to the guidance in Paragraph 1, faculty shall provide guidance on career, psychological counseling, and employment/startup counseling, and may provide joint guidance in consultation with relevant departments if necessary.

Article 29 (Awards and Scholarships)

- ① Academic scholarships or industry-academic scholarships may be paid to students with excellent academic performance or students engaged in industry/self-employment. The determination of recipients shall be made by the Professional Master's Program Steering Committee. <Amended Aug. 1, 2025>
- ② The President may award individuals who have made significant contributions to the school and community or whose good deeds serve as an example to others.

Article 30 (Disciplinary Action)

- ① When a student falls under any of the following categories, disciplinary action may be taken after deliberation by the Student Guidance Committee in accordance with the Detailed Rules on Student Rewards and Punishments:
 1. A person who violates the University Regulations or the Operating Regulations for the Professional Master's Program.
 2. A person whose conduct is poor and shows no sign of improvement in behavior or attitude despite student guidance.
 3. A person who acts contrary to the duties of a student.
 4. A person who commits human rights violations.
- ② Disciplinary actions are classified into probation, fixed-term suspension, indefinite suspension, and expulsion, depending on the severity of the situation.

Chapter 8: Conferment of Degrees

Article 31 (Completion Requirements)

- ① The requirements for completing the Professional Master's Degree Program are as shown in Attached Table 2.
- ② Major required courses must be completed.
- ③ A completion certificate may be awarded to those who have completed the Professional Master's Program in accordance with Paragraphs 1 and 2.

Article 32 (Degree Projects)

- ① Students who have completed the Professional Master's Program under the preceding Article must perform at least one of the following degree projects and pass the evaluation. Details shall be determined separately. <Amended Mar. 1, 2024>
 1. Thesis <Amended Nov. 1, 2024>
 2. Graduation Project <Amended Nov. 1, 2024>
 3. Patent Registration
 4. Research Report
 5. Acquisition of Master Craftsman or Professional Engineer certification <Newly established Nov. 1, 2024>

6. Other achievements recognized by the Degree Project Evaluation Committee
<Amended Nov. 1, 2024>
- ② Those who fail the degree project evaluation may apply for a re-evaluation only once within the period of enrollment, and a prescribed re-evaluation fee may be collected from the student.
- ③ Students who fail to pass the degree project evaluation may maintain their academic status for up to 2 years after the end of the enrollment period to obtain a degree.
<Amended Nov. 1, 2025>

Article 33 (Degree Project Evaluation Committee)

- ① For the evaluation of degree projects, a Degree Project Evaluation Committee shall be formed for each department, which must include one (1) expert from the relevant industry.
- ② The Committee shall consist of three (3) or more members, and the decision to pass shall be determined by a majority vote of two-thirds (2/3) or more of the members.
- ③ One member of the Committee may be elected from among themselves to preside over the evaluation process. However, in the case of a thesis evaluation, all members shall hold equal status.

Article 34 (Diploma/Degree Certificate)

- ① For individuals who have met the requirements for the conferment of a degree in accordance with Articles 31 and 32, the Professional Master's Program Steering Committee shall deliberate and decide whether to confer the degree. The Department Chair (or Dean) shall then report this to the President, accompanied by the prescribed documents.
- ② The conferment of the degree shall be carried out by issuing a diploma (degree certificate) in accordance with [Appended Form No. 1]

Article 35 (Revocation of Degree)

A degree may be revoked following deliberation by the Professional Master's Program Steering Committee under Article 38 if the degree recipient falls under any of the following categories:

1. If the degree was obtained through fraudulent means, such as ghostwriting or commissioning a work.
2. If the admission to the university has been canceled.
3. If the degree recipient commits an act that damages the honor of the university

VI. PRECAUTIONS

- **Early Departure:** Due to various circumstances such as no flights operating or border closures, participants may be required to depart Korea before the program end date.

In such cases, part of the academic curriculum, thesis defense, or closing ceremony may be conducted online.

- **Living Costs:** In principle, costs of living are provided per diem; that is, participants receive living costs per diem based on the actual date of departure.

In case of early departure, living costs are received per diem based on the date of early departure, and NOT the anticipated departure date or program end date

- **Adherence to Entry/Departure Guidelines:** Any additional costs occurring due to the participant's failure to adhere to the entry/departure guidelines are the participant's own responsibility.

- **Vaccination requirements:** Participants are to individually check with the training institute on whether vaccination is required and prepare accordingly; any disadvantages following are the participant's own responsibility.

Example) If the participant fails to provide a proof of a WHO-certified vaccination and cannot check into the university dormitory, the participant will be responsible to find accommodation for him/herself (accommodation fees are supported in the amount corresponding to the dormitory fees).

- **Check-in to Dormitory:** Dormitory check-in is not required of program participants. Training institute may provide a rental house outside the campus.
- **Religious meals & personal food preferences:** Religious meals and personal food preferences are not provided during the scholarship program ~~nor the self-quarantine period~~ following entry to Korea. For further information, check the university guidelines (if necessary, personal fees may be incurred)

VII. CONTACTS

1. CONTACT INFORMATION

1) Graduate School of Future Mobility Manufacturing Technology

- **Program Manager: Professor Son, Seong-min / semson@uc.ac.kr**
- **Admission: Park Jae Hyeong / jhpark11@uc.ac.kr**

*The schedule in PI (Program Information) is subject to change according to the KOICA and Ulsan College Schedule.