Recruitment for 2025 2nd U–LINK Pathfinder

(Global Cooperation Division/U-LINK Team, UST)

1. Program Overview

o **Title:** 2025 2nd U-LINK Pathfinder

o **Operation Method:** Operated by semester-based cohorts

o **Eligibility:** International Master's and Ph.D. students affiliated with UST and the four Institutes of Science and Technology (ISTs)

o **Number of Participants:** 20 in total ※ subject to change depending on application status

o **Program Period:** 2nd semester of 2025
(September 2025~February 2026/ 6 months)

o **Benefits:** Exclusive, program-specific benefits provided to the selected participants
※ Note: Participants who miss more than twice without valid reasons will be automatically excluded and will not be eligible for future participation in the U-LINK program

2. Application Information

o **How to Apply:** Submit via the Walla platform
※ Link: https://walla.my/v/2fxTCcHPoIGV9WA5Azb9

o **Application Period: August 20 (Wed.) ~ September 3 (Wed.), 2025**

o **Required Documents:**
- Application form (Attachment 1)
- Copy of a valid TOPIK score certificate (expired certificates will not be accepted)
- Copy of Alien Registration Card (ARC)
- Certificate of Enrollment or Graduation (for IST-affiliated students only)

3. Main Schedule

o **Pathfinder Selection:** September 4(Thu.) ~ 9(Tue.), 2025

o **Notification of Results:** September 12(Fri.), 2025

o **Orientation:** September 19 (Fri.), 2025 ※ Offline at UST dormitory building

o **Completion Ceremony & Field Trip:** Late January – Early February 2026 ※ Offline

※ This schedule is subject to change

4. Support Programs & Benefits

Category		Support Program	U-LINK Pathfinder	U-LINK General Group
Career Development	Motivation	Welcome Gift	Provided	Not Provided
	Personal Branding	Exclusive Management (1:1 member management by PM)	Provided	Not Provided
		Resume Book (profiles & CVs included and distributed to Korean companies)	Provided	Not Provided
		CV Photo (passport-size, all files provided)	Provided	Not Provided
		CV Consulting Workshop (1:1 professional consulting)	Provided	Not Provided
	Personnel Management	Visa Issuance Service ※ One-time support for employed participants only (See separate announcement for details)	100% supported	(UST: 100%, -IST: 50%)
		Job Information & Matching	priority recommendation & CV submission, post-Pathfinder additional matching	Additional matching after priority placement for Pathfinder participants
Capacity Building	Employability Skills	Special Lecture Series	priority registration	Available only if slots remain after Pathfinder allocation
		1:1 Mentoring & Coaching (only for confirmed interviewees)	Provided	Available only if slots remain after Pathfinder allocation
		Job Fair	Provided	Provided
	Language Skills	TOPIK Challenger	Provided	Provided (for enrolled & completed UST students)
	Cultural Competence	Field Trip and Networking	Provided	Not Provided

※ Support programs and benefits are subject to change during planning and implementation

5. Eligibility

Category	Details
1	International students of UST and ISTs residing in Korea with an F-2-7S visa (including recommended outstanding talents for F-2-7S acquisition)
2	International students of UST and ISTs scheduled to graduate or in their final semester, intending to be employed in Korea ※ Individuals who are already employed will not be eligible to participate.
3	International graduates of UST and ISTs residing in Korea ※ Limited to those who have graduated within the last 3 years
4	Those other than Category 1, 2, and 3 who have recognized qualifications for participation

6. Scoring Criteria

Applicants who meet the eligibility criteria will be selected based on available capacity. If the number of eligible applicants exceeds the limit, selection will be made using a differential scoring system.

Total Score	① Eligibility (40 points)		② TOPIK Score (50 points)		③ Major and Research field (10 points)	
100 Points	Eligibility category 1	**40**	Level 6	**50**	The National Strategic Technologies	**10**
			Level 5	**45**		
	Eligibility category 2	**30**	Level 4	**40**		
			Level 3	**30**		
	Eligibility category 3	**20**	Level 2	**20**		
	Eligibility category 4	**10**	Level 1	**10**		

① Priority will be assigned and points will be allocated differentially based on the purpose of the program operation.
② Majors and research fields that do not fall under the National Strategic Technologies will not be awarded points.
③ The National Strategic Technologies include: Semiconductors & Displays, Secondary Batteries, Advanced Mobility, Next-Generation Nuclear Power, Advanced Biotechnology, Aerospace & Marine, Cybersecurity, Artificial Intelligence, Next-Generation Communications, Advanced Robotics & Manufacturing, and Quantum Technology.

7. Inquiry

- Email: ulink@ust.ac.kr (Global Cooperation Division)

| Attachment 1 | U-LINK Pathfinder Program Application |

U-LINK Pathfinder Program Application

☐ Applicant Information

NAME	
NATIONALITY	*e.g., Republic of Korea*
AFFILIATION	☐ UST (School:) ☐ KAIST ☐ GIST ☐ UNIST ☐ DGIST
DEGREE	☐ Master's program ☐ Ph.D. program ☐ enrolled ☐ completed ☐ graduated (graduation date: yyyy-mm-dd)
E-MAIL	*e.g., ooo@ust.ac.kr*
PHONE	*e.g., 010-0000-0000 (please write your mobile number)*

- Conditions -

I declare that I will comply with the requirements below while participating in the U-LINK Career Success Program.

· I will sincerely follow the rules.

· I will cooperate with the guidance and requests of U-LINK PM(Program Manager)

· I will actively participate in various activities and programs with a passion for securing employment in Korea.

· Once employed, I will share my experience with the U-LINK Career Success Program and offer advice to other U-LINK Pathfinders.

· I agree that if I fail to participate in the support program more than twice without a reasonable excuse, I will be automatically disqualified and will not be eligible for future support in the U-LINK program.

I hereby join as a U-LINK Pathfinder by applying as described above.

Date :   .(Y)   .(M)   .(D)

Signature of Applicant : _____

To the President of University of Science and Technology

Q. Can I apply for the Pathfinder Program multiple times?

A. If you have been finally selected as a Pathfinder before, you are not eligible to apply again. However, if you have applied in the past but were not finally selected, you may apply again in the future.

Q. Who is eligible for the Pathfinder Program?

A. The program is open to international master's and doctoral students from UST and the four major Institutes of Science and Technology (-IST) who wish to work at Korean companies after their graduation. Please refer to the official announcement for detailed eligibility requirements.

Q. When is the best time to apply for the Pathfinder Program?

A. We recommend applying approximately one year (at least six months) before your expected graduation date. For newly admitted students, we do not recommend applying right away. Instead, we suggest joining the U-LINK platform to strengthen your skills first and then apply at the most suitable time in the future.

Q. I plan to apply for the Pathfinder Program in the future. What should I prepare?

A. Proficiency in Korean is essential for employment in Korean companies. We recommend consistently studying Korean to achieve at least TOPIK Level 3. The Global Cooperation Office operates the "TOPIK Challenger Program" year-round, so we encourage you to make full use of it.

Q. What benefits do I get as a U-LINK member besides the Pathfinder Program?

A. As a U-LINK member, you will receive curated job postings for foreign R&D talent. You can also join year-round career enhancement special lectures covering practical skills such as resume writing, mock interviews, and employment mentoring from alumni who successfully found jobs through U-LINK.

Other benefits include participating in the TOPIK Challenger Program with exam fee support and rewards for high scores, as well as support for attending the International Student Job Fair and visa consultation services.

For more details, please contact the U-LINK team:
- **U-LINK Platform:** www.u-link.ust.ac.kr
- **Email:** ulink@ust.ac.kr

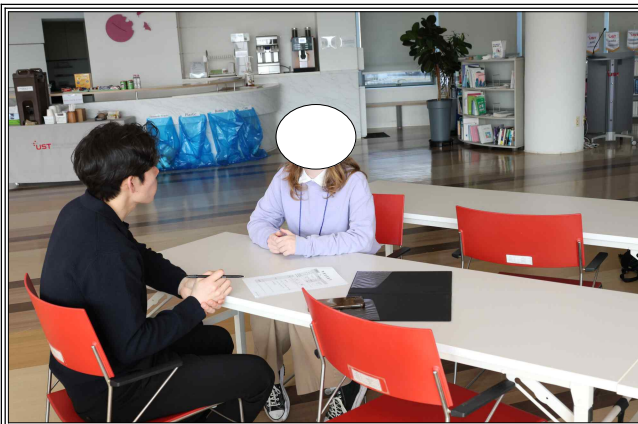# List of Critical and Emerging Technologies and Key Technologies

Critical and Emerging Technology	Key Technologies	Critical and Emerging Technology	Key Technologies	Critical and Emerging Technology	Key Technologies
Semiconductor and display	Fully integrated resistant random access memory (ReRAM)	Advanced biotechnology	Synthetic biology	AI	Advanced learning and AI infrastructure
	High-performance, low-power AI semiconductor		Genetic and cellular treatment		Advanced AI modeling and decision making (cognition, judgment, inference)
	Power management integrated circuit (PMIC)		Vaccine and treatments for infectious diseases		Safe and trustworthy AI
	Advanced packaging		Analysis and utilization of health data		AI for industrial application and innovation
	Next-gen, high-performance sensors	Aerospace and marine technology	Large-scale engine with staged combustion cycle	Next-generation communications	5G-Adv
	Free-form display		Space observation and sensing		6G
	Inorganic display		Lunar landing and surface exploration		Open-RAN
	Materials, components, and equipment for semiconductor and display		Advanced gas turbine, engine, and components for aviation		High-efficiency 5G and 6G communications components
Secondary battery	Lithium ion battery and its core components		Marine resources exploration		5G and 6G satellite communications
	Next-gen secondary battery components and cells	Hydrogen	Hydrogen production by electrolysis	Advanced robotics and manufacturing	Components and software for precise control and operation
	Secondary battery module and system		Hydrogen storage and transportation		Autonomous movement
	Reuse and recycling of secondary batteries		Hydrogen fuel cells and energy production		Modulation of challenging movements
Advanced mobility	Autonomous driving	Cybersecurity	Data and AI security		Human-robot interaction
	Urban air mobility (UAM)		Analysis of and response to digital weakness (supply chain security)		Virtual manufacturing
	Electric and hydrogen vehicle		Network and cloud security	Quantum technology	Quantum computing
Next-generation nuclear power	Small modular reactor (SMR)		Virtual convergence security for industrial operation		Quantum communications
	Advanced nuclear power system and waste management				Quantum sensing

Source: Ministry of Science and ICT, Republic of Korea

| Attachment4 | **Photos from the 1st U-LINK Pathfinder Program 2025** |

| CV Photo | 1:1 member management by PM | Job Fair |
| 2025 1st Resume Book | Special Lecture Series | Field Trip and Networking |