

## Science & Engineering Majors in the Graduate School

College / Division	Department	Major	
Engineering Sciencee	Transportation Engineering	-	
	Architectural Design	-	
	Architectural System Engineering	-	
	Computer Science and Engineering	-	
	Mechatronics Engineering	-	
	Bionanotechnology		Bioengineering
			Nanotechnology
			Bionanotechnology
	Civil and Environmental System Engineering	-	
	Electronic Engineering	-	
	Materials Sciencee and Chemical Engineering	-	
	Industrial Management Engineering	-	
	Mechanical Design Engineering	-	
Smart City Engineering	-		
Interdisciplinary Robot Engineering Systems	-		
Science and Convergence Technology	Applied Physics	-	
	Applied Mathematics	-	
	Molecular and Life Science	-	
	Applied Chemistry	-	
	Marine Sciences and Convergent Technology	-	
	Photonics and Nanoelectronics	-	
Computing	Human-Computer Interaction	-	
	Applied Artificial Intelligence	-	

### Alumni of Hanyang University ERICA



**Gao Rongke**

- Nationality : China
- Degree : Master, Ph.D.
- Major : Bionanotechnology
- Occupation : Professor, China University of Petroleum, China



**Muhammad Imran**

- Nationality : Pakistan
- Degree : Ph.D.
- Major : Industrial Management Engineering
- Occupation : Assistant Professor, National University of Sciences & Technology, Pakistan



**Yousof Zai Sammer Zai**

- Nationality : Pakistan
- Degree : Ph.D.
- Major : Computer Science and Engineering
- Occupation : Assistant Professor, Mehran University of Engineering & Technology, Pakistan



**Sun Xun**

- Nationality : China
- Degree : Bachelor, Ph.D.
- Major : Mechanical Design Engineering
- Occupation : Associate Professor, Shandong University, China



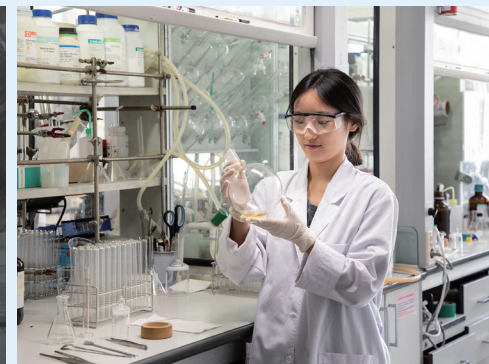
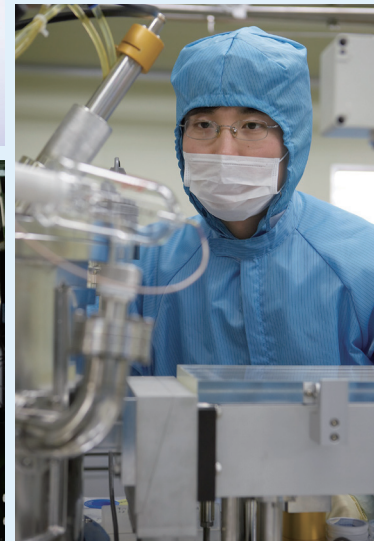
**Kishore Sridharan**

- Nationality: India
- Degree: Ph.D.
- Major: Materials Science & Chemical Engineering
- Occupation: Assistant Professor, University of Calicut, India



**Xue Chuanzhi**

- Nationality: China
- Degree: Bachelor, Master
- Major: Mechanical Design Engineering
- Occupation: NVH Engineer, Hyundai Motors R&D Center, China



**HANYANG UNIVERSITY ERICA**  
Education Research Industry Cluster @ Ansan

55 Hanyangdaehak-ro, Sangnok-gu, Ansan, Gyeonggi-do, 15588, Korea  
TEL : +82-31-400-4912 +82-31-400-4920

# HANYANG UNIVERSITY ERICA

## Science & Engineering Scholarship Program (SESP)

- B.S. to Ph.D. -

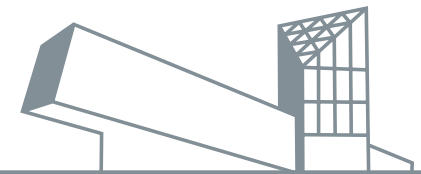
### What is ERICA?

**E**ducation(學) **R**esearch(研) **I**ndustry(産) **C**luster @ Ansan ERICA is

Hanyang University's pioneering infrastructure that was created to bridge the fields of education, research, and related industries to produce tomorrow's leaders and professionals.



**HANYANG UNIVERSITY ERICA**  
Education Research Industry Cluster @ Ansan



## Status of Hanyang University ERICA (As of Oct. 2021)

- 9** Colleges
- 50** Departments (Undergraduate)
- 17** Graduate Schools (General : 1 + Professional : 6 + Specialized : 10)
- 11,052** Enrolled Students (Undergrad : 9,480 + Graduate : 1,265 + Specialized Graduate : 307)
- 71,000** Total Alumni
- 1,518** Number of International Students Annually (Undergrad: 1,289, Exchange Students: 39, Korean Language Course 190)
- 40 min** Distance to Seoul (subway/bus): ~40 minutes

## QS World University Rankings



**79<sup>th</sup>** Engineering & Technology

- 51<sup>st</sup>** Architecture & Civil Engineering
- 70<sup>th</sup>** Chemical Engineering
- 97<sup>th</sup>** Mechanical Engineering
- 113<sup>th</sup>** Electrical & Electronic Engineering
- 99<sup>th</sup>** Environmental Sciences
- 65<sup>th</sup>** Materials Sciences

## Accreditations

IEQAS (International Education Quality Assurance System)



Accreditation by the Korean Ministry of Education for International Education Excellence

ABEEK (Accreditation Board for Engineering Education of Korea)

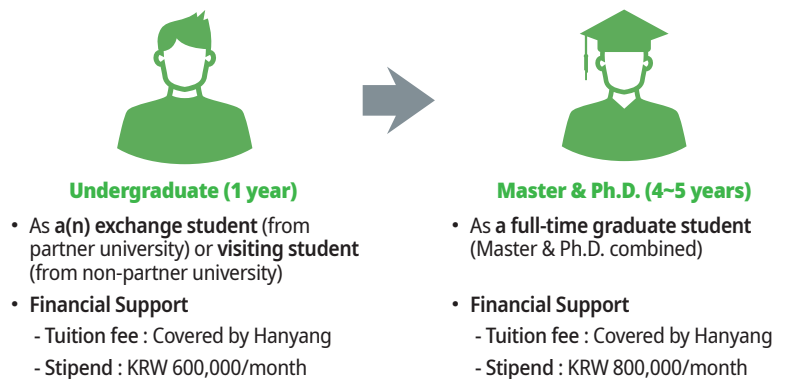


- Korean accreditation for Excellence in the Engineering & Science Fields
- Equivalent to ABET in the U.S.

## SESP Program

**Objective** To foster world-class scholars in science & engineering field


### Overview





### Eligibility

- **Nationality** : International students whose parents are both non-Korean citizens
- **Academic background** : Students in their 3rd and 4th years of a comprehensive university abroad (eligible for an exchange student program for one year at Hanyang University ERICA)
- **Language of Instruction** : English
- **GPA & English Proficiency**
  - **GPA** : 85% (out of 100%) or 4.0 (out of 4.5)
  - **English** : TOEFL iBT 80 or IELTS 5.5
    - For students without an English test score, an official interview and written test are required.
    - There is an English exemption for students whose possess nationality from the U.S., UK, Australia, New Zealand, Canada, or Ireland.

### Requirements

- **Interview**


With professors during undergraduate (1 year) period  
Approved students are eligible to enter the combined Master & Ph.D. courses
- **Credit**


Required to take at least 3 major-related courses during undergraduate (1 year) period
- **Publications (or research achievements)**


Must publish at least 1 paper in an SCI(E) journal beginning in second year of the combined Master & Ph.D. course

### Financial Support

	Undergraduate ( 1 year)	Master + Ph.D. (4~5 years)
<b>Tuition</b>	Covered by Hanyang	
<b>Monthly Stipend</b>	KRW 600,000 / month (KRW 7.2 million / year)	KRW 800,000 / month (KRW 9.6 million / year)


## FAQ

- Q1** What if I have to complete my last semester in my home university, and cannot join the graduate program right after the exchange program is over?
- A1** (If you intend to study your final semester of your undergraduate program at your home university,) it is possible to postpone up to one year entrance into the Hanyang ERICA combined master & Ph.D. program.
- Q2** What if my home university does not have a partnership with Hanyang University ERICA?
- A2** In this case, you are required to apply as a visiting student to Hanyang University ERICA. The tuition fee for one year of the visiting program will be fully covered by ERICA. With respect to credit transfer to your home university, please consult with your home university study abroad advisor in advance.
- Q3** Are there any obligations to obtain the scholarship?
- A3** During the undergraduate period, you must achieve a GPA of at least 3.0 (2.0 during Ph.D. period). Once the graduate program starts, you are responsible for publishing one or more papers in an SCI(E) journal each year from the second year of the Ph.D. program.
- Q4** Am I able to live in the dormitory on campus?
- A4** The spot for the dormitory is guaranteed until the second year of the graduate school upon the student's request. And yet, students are responsible for their own dormitory fee.

## Application Procedure

**Online Application**


Spring Semester : October  
Fall Semester : April



**Result Announcement\***


Spring Semester : End of November  
Fall Semester : End of May

*\* Student may be asked to have an (online) interview before being accepted.*



**Undergraduate : Exchange/Visiting Period (1 year)**

Spring - Fall : March 2 - End of December  
Fall - Spring : September 1 - End of June



**Master + Ph.D. Program (4~5 years)**

Study period can be extended / shortened depending on student performance

## Contact Information

**E-mail.** pjk9213@hanyang.ac.kr  
yoorhi@hanyang.ac.kr

**Tel.** +82-31-400-4912, +82-31-400-4920

**Website.** global.hanyang.ac.kr

