



DEPARTMENT OF ELECTRONIC ENGINEERING

The Department of Electronic Engineering has chosen circuits, semiconductors, and intelligent embedded systems as its fields of specialization. In order to achieve its educational goal of 'cultivating creative engineers with practical skills and expertise', the department has established a practical curriculum system in the field of circuits, semiconductors and information technology (IT).

**Circuit system Intelligent
Embedded System
Intelligent Semiconductor
Semiconductor Process & Design**

Year 1

- Introduction to Engineering
- Design (TIPS) and Mathematics
- Physics
- Chemistry
- Basic Academic Subjects such as C language

Year 2

- Digital System Design (TIPS)
- Creative Engineering Design
- Circuit Theory I II
- Digital Engineering
- Application Programming
- Physical electrons, etc.
- Electromagnetics

Year 3

- Electronic circuit I II
- Semiconductor Engineering
- Microprocessor (PBL) • Machine Learning (PBL)
- Embedded System Programming (PBL)
- Control Engineering
- Semiconductor Process Technology, etc

Year 4

- Comprehensive Design
- Electronic Circuit Application and Experiment
- Semiconductor Device Design and Practice
- Display Evaluation Techniques and Experiments
- AI Application
- Superconducting Engineering, etc.
- Optoelectronic Devices

**No Highschool Result Requirement
(SPM/UEC)**

UP TO 100% SCHOLARSHIP

SMU Korean Language Institute

Classification	Admission fee	Tuition fee	Insurance
Spring	100,000 (New Applicant Only)	1,300,000	90,000 (New Applicant Only)
Summer		1,300,000	
Fall		1,300,000	
Winter		1,300,000	
Total	100,000	5,200,000	90,000

- All international students are required to have travel insurance.
- After 6 months from the date of entry, it will be converted to the National Health Insurance.
- Travel insurance premium: 90,000 KRW for 7 months
- National Health Insurance premium: approximately 50,000 KRW per month
- Textbook fees: approximately 50,000 KRW per level (beginner/intermediate/advanced)

SMU Dormitory Fee / sem (2 pax room)

Korean Language Institute (Mandatory for 1st 3 months) 982,900 won (9 meals per week Included)	Undergraduate (Optional) 900,000 won
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Scholarship

Category	Those Applicable for Scholarship	Tuition Fee Deduction	
Freshmen	Applicant paying for their own expenses + Applying with a qualified Korean language test OR qualified English proficiency test score (TOEFL - CBT 210/IBT 80, IELTS 5.5, TEPS 550 points)	TOPIK 6	100%
		TOPIK 5	80%
		TOPIK 4	55%
		TOPIK 3	50%
		English Qualification	50%
		Sun Moon Korean Test	40%
Enrolled Students	<ul style="list-style-type: none"> • Scholarships based on the average grade of the previous semester • Completed Units • 1st year 2nd semester: completed 12 units or more from the previous semester • 2nd-3rd years: completed 15 units and above from the previous semester (applicable from 2015) • 4th year: completed 12 units or more from the previous semester 	Grade	Tuition Fee Deduction
		4.2 - 4.5	100%
		4.0 - 4.2	80%
		3.6 - 4.0	60%
		3.0 - 3.6	50%
		2.5 - 3.0	40%
		2.0 - 2.5	30%
		0 - 2.0	0%

College of Specialized Industry Convergence
8,243,000 won
 per year
 Admission Fee: 60,000 won

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