



# DEPARTMENT OF PHARMACEUTICAL ENGINEERING & BIOTECHNOLOGY

Pharmaceutical  
Biology  
Cosmetic industries

## Year 1

- General Biology I & II
- General Chemistry I & II
- General Biology Experiment I · II
- General Chemistry Experiment I · II
- General Mathematics
- Probability and Statistics
- Introduction to Pharmaceutical Engineering (TIPS) I & II, etc.

## Year 2

- Organic Chemistry I · II
- Device Analysis I · II
- Hospital Microbiology
- Instrumental Analysis Experiment I · II
- Pharmaceutical Microbiology
- Pharmaceutical Microbiology Experiment
- Biostatistics, etc.

## Year 3

- Capstone Design I · II
- Biochemistry I · II
- Pharmaceutical Virology (PBL)
- Quality Management
- Functional Food Science
- Molecular biology, etc.
- GMP I · II

## Year 4

- Advanced Molecular Biology
- Molecular genetics
- Pharmacological Biology
- Biotechnology I · II
- Formulation Engineering (PBL) I · II
- Pharmacokinetics, etc.
- Validation
- Clinical pathology

**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	
<b>Total</b>	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**

## 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"> <li>• Scholarships based on the average grade of the previous semester</li> <li>• Completed Units</li> <li>• 1st year 2nd semester: completed 12 units or more from the previous semester</li> <li>• 2nd-3rd years: completed 15 units and above from the previous semester (applicable from 2015)</li> <li>• 4th year: completed 12 units or more from the previous semester</li> </ul>	<b>Grade</b>	<b>Tuition Fee Deduction</b>
		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 Health Science**

**8,244,000 won**  
per year

Admission Fee: 60,000 won

Scan to know more

