



Pusan National University Info Sheet

(2018 Spring Semester)

Study at PNU Programs

Types of Program	<p>Exchange Student: Based on bilateral student exchange agreement</p> <p>Visiting Student: Fee-paying student</p>
Deadlines for 2018 Spring semester	<p>Nomination (Exchange Student only)</p> <ul style="list-style-type: none"> · Oct. 15, 2017 <p>Application</p> <ul style="list-style-type: none"> · Oct. 31, 2017
Prerequisite	<p>Exchange Student</p> <ul style="list-style-type: none"> · Need to be nominated by a partner university. · Will have completed at least two semesters(or one semester in the case of graduate students) before the start of the semester at PNU <p>Visiting Student</p> <ul style="list-style-type: none"> · Undergraduate students who are currently enrolled in overseas universities · Must have completed at least two semesters(or one semester in the case of graduate students) before the start of the semester at PNU
Language and GPA Requirement	<ul style="list-style-type: none"> · There is no minimum GPA requirement. But your academic performance will be taken into consideration in the screening process · There is no language test result requirement. But you need to have a proficiency in English or Korean because those are the language of instruction.
Documents to Prepare	<p>Exchange Student</p> <ul style="list-style-type: none"> ※ <i>Original copies are not required for exchange students.</i> ※ <i>All the documents below in digital files, such as JPG, JPEG, or PDF, smaller than 1Mb.</i> · <u>Passport-sized photo</u>: 3.5cm×4.5cm · <u>Copy of passport information page</u> · <u>Academic transcript</u> in English · <u>Study Plan</u> in English · <u>Official back statement</u> in English <ul style="list-style-type: none"> : balance amount of USD 4,000(for those applying for one semester) or USD 8,000(for those applying for two semesters) : can be substituted with Scholarship Certificate · <u>Affidavit of Support</u>: Applicable only when the official bank statement is not under the applicant's name <p>Visiting Student</p> <ul style="list-style-type: none"> ※ <i>Both original copies(to be mailed) and digital copies(to be uploaded onto the online application) are necessary. Digital files smaller than 1MB.</i> · <u>Passport-sized photo</u>: 3.5cm×4.5cm · <u>Copy of passport information page</u> · <u>Academic transcript</u> in English

	<ul style="list-style-type: none"> · <u>Study Plan</u> in English · <u>Official back statement</u> in English <ul style="list-style-type: none"> : balance amount of USD 7,000(for those applying for one semester) or USD 14,000(for those applying for two semesters) : can be substituted with Scholarship Certificate · <u>Affidavit of Support</u>: Applicable only when the official bank statement is not under the applicant's name · <u>Academic recommendation letter</u> from a home university professor · <u>Certificate of enrolment</u>
Admission	<p>Certificate of Admission</p> <ul style="list-style-type: none"> · <u>Exchange Student</u>: PNU International sends an original copy of the Certificate of Admission to the international office at the partner university by EMS. Please forward the original to students to allow them to apply for their student visas. · <u>Visiting Student</u>: PNU International sends an original copy of the Certificate of Admission to the address indicated in the online application <p>Pre-Arrival Guide</p> <ul style="list-style-type: none"> · International Student Center (ISC) will send a Pre-arrival Guide to each student by email.
Visa	All students are responsible for applying for a student visa (D-2) using the Certificate of Admission to the Korean consulate in their home country.
Insurance	<p>All exchange students must purchase overseas travelers insurance before arriving in Korea. Exchange and Visiting students are ineligible to purchase PNU's group medical insurance.</p> <ul style="list-style-type: none"> · Students must have minimum insurance coverage of USD 100,000 to cover any medical expenses incurred while outside their home country. · Students who do not have insurance will have their course registration cancelled and will not be allowed to live in the PNU dormitories.
On-Campus housing	<p>General Information</p> <ul style="list-style-type: none"> · Website: http://dorm.pusan.ac.kr · Room Type: Double occupancy (no exceptions) · Facilities: Furnished with two beds, desks, chairs, desk lamps, closets, and one telephone · Shower booth and toilet in each room (Woongbi Hall) · Public laundry available · Dorm Fee (including meals): Approx. KRW 1,440,000 (≈USD 1,230) (twin room with private bathroom) or KRW 1,280,000 (≈USD 1,090) (twin room with shared bathroom) per semester (for 16 weeks) · No kitchen facilities are available <p>Online Application</p> <ul style="list-style-type: none"> · The detailed schedule and procedures for the dormitory application will be posted in the Pre-Arrival Guide (notice by e-mail) and Dormitory Guide (notice posted on PNU International homepage). <p>Application Period</p> <ul style="list-style-type: none"> · Spring semester: early January · Fall semester: late June - early July

<p>Other</p>	<p>PNU Summer School</p> <ul style="list-style-type: none"> · PNU Summer School provides international students with an enriching cultural and educational experience for from three to five weeks. The Summer School consists of courses covering diverse subjects, cultural activities, and field trips. · Website: international.pusan.ac.kr/summer/ <p>PNU Buddy Program</p> <ul style="list-style-type: none"> · Who qualifies: Newly-accepted incoming exchange students · Goal: To help international students get acclimated to campus life at PNU. · Assistance provided: Class registration, airport pick-up, campus orientation attendance, on- and off-campus assistance. · How to contact PNU Buddies: PNU Buddies will contact each international student by email around one month before the semester begins. <p>※ Detailed information will be included in the Pre-Arrival Guide.</p>
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Academic Information

<p>Academic Calender</p>	<p><i>*2018AY academic schedule is to be determined. The exact dates for 2018 Spring semester will be indicated in the pre-arrival guide for the accepted students.</i></p> <p>Spring Semester (1st semester)</p> <ul style="list-style-type: none"> · Early March~Late June (March. 2 ~ June 21, 2017) <p>Fall Semester (2nd semester)</p> <ul style="list-style-type: none"> · Early September~Late December (Sep. 1 ~ Dec. 21, 2017)
<p>Language of Instruction</p>	<p>Korean</p> <p>English (about 350~360 courses taught in English are offered each semester)</p> <p>※ Course List taught in English from the past two semesters is separately provided in Excel file for your reference.</p>
<p>Workload per Semester</p>	<p>Undergraduate</p> <ul style="list-style-type: none"> · Min. 12 credits · Max. 19 credits: All the colleges and departments except those listed as the colleges and departments with 21 maximum credits · Max. 21 credits: College of Engineering, College of Education, College of Nanoscience and Nanotechnology, Several departments of College of Natural Resource and Life Sciences, which is, Biomaterials Science, Bio-Industrial Machinery Engineering, Applied IT & Engineering, Bioenvironmental Energy, and Landscape Architecture. <p>Graduate</p> <ul style="list-style-type: none"> · General Graduate School: min. 3 credits / max. 10 credits, or 12 credits when mixed with undergraduate courses · Graduate School of International Studies: min. 3 credits / max. 15 credits <p>※ Graduate students can register for no more than 6 credits per semester of undergraduate courses and/or courses provided by other graduate schools.</p>
<p>Courses and Special Programs</p>	<p>Course Search</p> <ul style="list-style-type: none"> · Visit, onestop.pusan.ac.kr/english →Courses→Courses List→Courses in Foreign Languages(English)

	<p>→Search by 'Course Title'</p> <ul style="list-style-type: none"> · Students are allowed to take cross-faculty modules with some major courses restricted to the students enrolled in the department. · The exact course list will be uploaded about one month before the semester begins. · For courses offered in the past two semesters please refer to the separate Excel file 'Course List'. <p>Syllabus</p> <ul style="list-style-type: none"> · Visit http://onestop.pusan.ac.kr/English/ · Click on 'Courses' on the menu above. · Click on 'Courses in Foreign Languages'. · Type in the name of the course in the 'Course Title' field. · Click on the Course title. · Click on the icon shaped like a floppy disk and save the syllabus as a PDF file. <i>※ For details on how to download syllabuses, please refer to the 'Syllabus' tab of the Excel file 'Course List'.</i> <p>Department of Global Studies</p> <ul style="list-style-type: none"> · The Department of Global Studies (DGS) offers a challenging, interdisciplinary curriculum <u>taught entirely in English</u> and almost exclusively by native English speakers. Included in the curriculum are courses in law, international relations, history, economics, political science, human rights, culture, business, art, regional studies, and religion. · Website: dgs.pusan.ac.kr <p>Korean and East Asian Studies Program (KEASP)</p> <ul style="list-style-type: none"> · KEASP is a unique Korean and regional program offered by PNU's Department of Global Studies (DGS). Established in 2014, KEASP is an undergraduate program that provides international students with a diverse education in the cultural, social, political, economic, trade, business and security issues shaping the Asia-Pacific region. · For details: http://uwcms.pusan.ac.kr/user/international/download/2015%20KEASP%20brochure.pdf
Korean Language Courses	<p>All undergraduate international students are allowed to take Korean Language courses. These courses are for undergraduate students.</p> <ul style="list-style-type: none"> · Beginners' Korean (I and II) · Intermediate Korean · Advanced Korean · Learning Korean in Drama · Learning Korean in Songs
Grading System	<p>Hours-per-Week: 50-minute class per week for one semester equals one credit hour. (100 minutes or more of laboratory work per week for one semester equals one credit hour.)</p> <p>Grading System: A+=4.5(100~95), A0=4.0(94~90), B+=3.5(89~85), B0=3.0(84~80), C+=2.5(79~75), C0=2.0(74~70), D+=1.5(69~65), D0=1.0(64~60), P=Pass, F0=Fail, N=Non Pass, S=Satisfactory, U=Unsatisfactory The lowest passing grade is D0(60)</p>
Colleges and Departments	<p><i>※ Some of the departments may not have enough number of courses taught in English. Please refer to the course list for the courses taught in English in the</i></p>

past two semesters.

※ Faculty/Department not open to Exchange/Visiting Student
: Dentistry, Medicine, Korean Medicine, Nursing, Law

College of Humanities

Department of Korean Language and Literature
Department of Chinese Language and Literature
Department of Japanese Language and Literature
Department of English Language and Literature
Department of French Language and Literature
Department of German Language and Literature
Department of Russian Language and Literature
Department of Korean Literature in Chinese Characters
Department of Language and Information
Department of History
Department of Philosophy
Department of Archaeology

College of Social Sciences

Department of Public Administration
Department of Political Science and Diplomacy
Department of Social Welfare
Department of Sociology
Department of Psychology
Department of Library
Archive and Information Studies
Department of Communication

College of Natural Sciences

Department of Mathematics
Department of Statistics
Department of Physics
Department of Chemistry
Department of Biological Sciences
Department of Microbiology
Department of Molecular Biology
Department of Geological Sciences
Department of Atmospheric Environmental Sciences
Department of Oceanography

College of Engineering

School of Mechanical Engineering
Department of Polymer Science and Engineering
Department of Organic Material Science and Engineering
School of Chemical Biomolecular Engineering & Environmental Engineering
: Chemical and Biomolecular Engineering Major, Environmental Engineering Major
Division of Materials Science and Engineering
Department of Electronics
School of Electrical and Computer Engineering
: Electrical Engineering Major, Computer Science and Engineering Major
School of Urban, Architecture and Civil Engineering
: Architectural Engineering Major, Architecture Major, Urban Engineering

Major, Civil Engineering Major
Department of Aerospace Engineering
Department of Industrial Engineering
Department of Naval Architecture and Ocean Engineering

College of Business Administration

Department of Business Administration

College of Economics & International Business

Department of Trade
Division of Economics
Department of Tourism and Conventions
Department of Global Studies
Department of Public Policy & Management

College of Human Ecology

Department of Child Development and Family Studies
Department of Clothing and Textiles
Department of Food Science and Nutrition
Department of Housing and Interior Design

College of Nano Science and Technology

Department of Nano Energy Engineering
Department of Nanomechatronics Engineering
Department of Optics and Mechatronics Engineering

College of Natural Resources & Life Sciences (Miryang campus)

Department of Plant Bioscience
Department of Horticultural Bioscience
Department of Animal Science
Department of Food Science & Technology
Department of Life Science & Environmental Biochemistry
Department of Biomaterial Science
Department of Bio-Industrial Machinery Engineering
Department of Applied IT & Engineering
Department of Bioenvironmental Energy
Department of Landscape Architecture
Department of Food and Resource Economics

College of Arts

Department of Music
: Vocal Music, Piano, Composition, Orchestra Music & Percussion
Department of Fine Arts
: Carving & Modeling, Korean Painting, Western Painting
Department of Plastic Arts
: Wooden Furniture Painting, Ceramics, Textiles & Metal
Department of Korean Music
: String-Vocal, Wind-Percussion, Theory-Composition
Department of Dance
: Korean Dance, Ballet, Modern Dance
Department of Design
: Visual Design, Animation, Image Information

	Department of Art Culture and Image College of Sports Science Division of Sports Science
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Living Cost in Busan

	Approximate Cost(won)	Notes
School		
Tuition	1,680,000~2,364,000	Exempted for exchange students
Room and Board	1,440,000	2017 Spring semester dormitory fee, 3 meals a day
Books and Supplies	200,000	Depending on the department
Transportation		
Subway	1,400~1,600	
Bus	1,300~2,200	
Taxi	2,800	Basic fare: 2km
	ex1) 14,000	ex1) PNU to Haeundae beach: 16km
	ex2) 17,600	ex2) Gimhae airport to PNU: 21km
Food		
Campus Cafeteria	4,000	Included in the Dorm fee if you live in a dormitory
Restaurants	5,000~	Pasta: 10,000~13,000 Pizza: 10,000~25,000(for two) Chinese fried pork: 12,000~17,000 Indian Tandoori chicken: 10,000~20,000 Japanese noodle: about 7,000~10,000 Fried rice with seafood: 7,000~8,000 Coffee to go: 1,000~2,000
Communication		
WiFi	Free on campus	
Smartphone fare	ex1) 10,000 ex2) 76,000	ex1) Post office Altlphone fare, data 1GB, call 30mins ex2) Major Communication Company service, data 5GB, call limitless
High speed Internet	ex) 33,000	

Contact Information

Postal Address 6F, Main Administrative Bldg., 2, 63beon-gil Busandaehak-ro, Geumjeong-gu, Busan, 46241 Republic of Korea	Websites · University: english.pusan.ac.kr · PNU International: international.pusan.ac.kr · Student Support System: onestop.pusan.ac.kr/English	
Europe, Oceania Ms. Miryeong(May) CHOI abroad@pusan.ac.kr +82-51-510-3651	USA, Canada, Costa Rica Mainland China, Hong Kong, Taiwan Ms. Minjeong (MJ) KIM-HOUSE outbound@pusan.ac.kr +82-51-510-3652	Asia Ms. Yeongbin JANG global@pusan.ac.kr +82-51-510-1873
International Student Support -Visa, Dormitory, Course Registration, etc. Ms. Hyejung YANG Ms. Xiaolong ZHAI services@pusan.ac.kr visa@pusan.ac.kr idorm@pusan.ac.kr	PNU Summer School summer@pusan.ac.kr	Office Hours Monday to Friday 9:00 to 18:00

How to get to PNU

From Busan/Gimhae International Airport Taxi: If you take a taxi from Gimhae International Airport to Pusan National University Busan campus, it will take about 40 minutes(18km) and cost about 17,000 won. Subway: Take the Gimhae Light Rail towards Gangseo-Gu Office and get off at Daejeo station. Transfer to Pusan subway line #3 towards Suyeong and get off at Yeonsan station. Transfer to subway line #1 (towards Nopo) and get off at the Pusan Nat'l Univ. station. It takes about an hour, and the subway fare is about 1,500 won.	From Busan Train Station Subway: If you arrive in Busan using the railway, walk towards Busan Station Square and take subway line #1 towards Nopo. Get off at the Pusan Nat'l Univ. station. The subway ride takes about half an hour, and will add about a 10- to 15-minute walk up to the front gate. Subway fare is 1,500 won. Taxi: Taking taxi to PNU will take about 40 minutes(25km) and cost you about 21,000 won.
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Application Guidelines for Exchange Students

Spring 2018 – Pusan National University

Study at PNU as an Exchange Student

Who can apply?	
Enrolled students from PNU partner universities who are officially nominated by their home university for the PNU Exchange Program.	
How do I get nominated?	
Each partner university has its own selection procedure. Please contact the office of international affairs at your home university.	
How to apply for PNU Exchange Program?	
After you are nominated from your home university, you should complete PNU's online application and upload all the required documents before the deadline. You do not need to send hard copies of application documents.	
Important dates	
Application	October 1 ~ October 31
Announcement of successful candidates	November 30
Application for dormitory	Early January
Arrival at PNU	February 28 ~ March 1
Spring semester	March 2 ~ late June

Online Application

Application URL : https://e-onestop.pusan.ac.kr/menu/inbound/exchange/login
** Please note: <ul style="list-style-type: none">• Applications should be completed in English All required documents also should be completed in English• If you find errors in your nominated information that is shown on the page automatically when you log in, please contact your coordinator of your home institution. Only the coordinators have the authority to change the information of nomination.

<ul style="list-style-type: none"> • Upload the required documents: <ul style="list-style-type: none"> · File type has to be .jpg, jpeg or PDF · File name should be written in English · File size must be smaller than 1 MB 	
Log-in Page	
Login ID	Your email address that the coordinator of your home institution provided for nomination is your login ID.
Password	Initial password for student login is set 8-digit number of your birthday(yymmdd).
List of the Required Documents to Upload	
<ul style="list-style-type: none"> • Passport-sized photo (3.5 cm x 4.5 cm) : JPG or JPEG format • Copy of the information page of your passport : JPEG or PDF format • Copy of academic transcript (in English) : JPEG or PDF format • Study plan (in English) : MS Word or PDF format • Official Bank Statement : PDF Format <ul style="list-style-type: none"> - For one semester : at least USD4,000 - For two semesters : at least USD8,000 <p>※ Clearly scanned documents should be uploaded for application</p>	
○ Personal Information	
The information has to be exactly the same as it appears on your valid passport. Otherwise, your student exchange application may not be accepted by PNU. More importantly, your visa application also could be rejected due to inconsistent information.	
Photo	File must be less than 500KB (.jpg)
Mailing Address	Write your home address including zip code, street, city and country.
Emergency Contact Information	Full Name: write family name and given name in the appropriate boxes
Passport information	Write your passport no. and date of expiration
Copy of passport	Upload a copy of your valid passport information page
○ Educational Background (Home University)	
Current Academic Year	Select the year of study at your home university at the time of application submission
Copy of Transcript(s)	Upload the transcripts for all degrees you have completed including the degree you are currently pursuing
○ Study at PNU	
○ Language Proficiency	

Language Proficiency	Select your language proficiency. You do not need to submit any additional documents to verify it.
<p>○ Study Plan</p>	
1. Study Plan	The purpose of the study plan is to determine your acceptance to your study at PNU. It should include motivation, subjects you have studied at your home university, and the goals you want to achieve as an exchange student(You do not need to describe the detailed subjects you wish to enroll in at PNU). A study plan is to confirm your learning goals and help to evaluate outcomes through the exchange program. Please write a clear and detailed description of your study plan at PNU.
<p>○ Financial Capacity</p>	
All exchange students must prove their financial capacity by submitting official Bank Statement issued by a local bank. Students need to prove they have at least USD4,000 for one semester and USD8,000 for two semesters(The amount you input needs to be in US dollars).	
<p>○ Terms of Agreement</p>	
After submitting the online application, you will be required to read the declaration and agree to the terms. PNU will screen the document once you have agreed to the terms.	
<p>○ Evaluation and Announcement</p>	
PNU International will evaluate your application materials and notify the office of international affairs at your home university of the result.	

Other Information

- 1) Submitted documents shall not be returned.
- 2) All notifications during the application period (including the announcement of successful candidates) shall be made on the PNU International website. (<http://international.pusan.ac.kr>)
- 3) Applicants will be held accountable, with penalties assessed (to include cancellation of admission), for the following infractions: failure to submit the required documents, errors or omissions in the documents, failure to fulfill the requirements indicated in the guidelines, indistinct addresses, correspondence failures, failure of successful candidates to notify PNU International of attendance, failure to execute procedures necessary to enter the country, and failure to fulfill other requirements.
- 4) Any applicant who gains admission through fraud, such as forgery or alteration of

the documents or translation errors of the documents, and such information is discovered while at school or after graduation, his/her admission shall be cancelled and/or all academic records shall be erased even if the applicant has already graduated.

- 5) Foreign students must secure medical insurance against injuries or sickness and the insurance compensation limits must be a minimum of USD 100,000.
- 6) Any issues not stipulated in the guidelines shall comply with the admissions procedures and regulations of the university. For more information, visit the PNU International website (<http://international.pusan.ac.kr>) or contact the PNU International Office at +82-51-510-1873

Contact Information

Europe and Oceania	Manager Ms. Miryeong(May) Choi abroad@pusan.ac.kr
The Americas, Mainland China, Taiwan and Hong Kong	Coordinator Ms. Min-Jung(MJ) Kim outboundpusan.ac.kr
Asia(excluding China and Taiwan and Hong Kong) and Africa (Contact point in case of errors in online application)	Coordinator Mr. Yeongbin Jang global@pusan.ac.kr

[Attachment 1]

Study Plan

Name: _____

Home University: _____

Please write a clear and detailed description of your study objectives and give your reasons for wanting to pursue them at Pusan National University. And, please explain how your study plan and experiences of this visiting program can fit with your life goals.

[Attachment 2]

Affidavit of Support

※A sponsor should be the applicant's family in principle.

Applicant's Name		
Sponsor	Name/Institution	
	Relationship	
	Occupation	
	Address	
	Telephone/Mobile	

I guarantee that I will be responsible for the above-named applicant's tuition, fees and living expenses for the duration of the whole program.

Signature

Date

Courses in English (AY 2016)

Pusan National University, South Korea

Spring semester (1st semester)

• Undergraduate Programs •

College	Department/Major	Course Title	Credits
College of Humanities	English Language and Literature	ENGLISH CONVERSATION	3
	English Language and Literature	INTERMEDIATE ENGLISH CONVERSATION	3
	English Language and Literature	CRITICAL THEORY	3
	English Language and Literature	ADVANCED ENGLISH COMPOSITION	3
	Language and Information	PRACTICE LANGUAGE(I)	3
	Language and Information	LANGUAGE ACQUISITION	3
	Language and Information	SEMANTICS	3
	Language and Information	PRACTICE LANGUAGE(III)	3
College of Social Sciences	Political Science and Diplomacy	POLITICAL SCIENCE METHODOLOGY	3
	Library, Archives Information Studies	BUSINESS INFORMATION MANAGEMENT	3
College of Natural Sciences	Mathematics	TOPOLOGY(I)	3
	Mathematics	DIFFERENTIAL GEOMETRY(II)	3
	Mathematics	COMPLEX ANALYSIS(II)	3
	Statistics	INTRODUCTION TO STATISTICS	3
	Statistics	MATRIX ALGEBRA(II)	3
	Statistics	MATHEMATICAL STATISTICS(I)	3
	Statistics	REGRESSION ANALYSIS (I)	3
	Statistics	MULTIVARIATE STATISTICS (I)	3
	Chemistry	GENERAL CHEMISTRY(I)	3
	Chemistry	ORGANIC CHEMISTRY(I)	3
	Chemistry	MOLECULAR SPECTROSCOPY	3
	Molecular Biology	GENES IN DAILY LIFE	3
	Molecular Biology	BIOCHEMISTRY(I)	3
	Molecular Biology	MOLECULAR BIOLOGY(I)	3
	Molecular Biology	MOLECULAR GENETICS	3
	Molecular Biology	METHODOLOGY IN MOLECULAR BIOLOGY RESEARCH	3
	Biological Science	THE MYSTERIES OF HUMAN BODY	3
Oceanography	PHYSICAL OCEANOGRAPHY(I)	3	
College of Engineering	Mechanical Engineering	GENERAL PHYSICS(I)	3
	Mechanical Engineering	INTRODUCTION TO MECHANICAL ENGINEERING	2
	Mechanical Engineering	SYSTEM MODELING & CONTROL	3
	Mechanical Engineering	FINITE ELEMENT METHOD	3
	Naval Architecture & Ocean Engineering	SOLID MECHANICS	3
	Aerospace Engineering	CALCULUS IN ENGINEERING (I)	3
	Aerospace Engineering	MECHANICS OF SOLID(I)	3
	Aerospace Engineering	AIRCRAFT STRUCTURAL MECHANICS(I)	3
	Aerospace Engineering	HEAT TRANSFER	3
	Aerospace Engineering	AIRCRAFT DESIGN(I)	3
	Electrical and Computer Engineering	INTRODUCTION TO COMPUTER SYSTEM	3
	Electrical Engineering	CONTROL ENGINEERING(I)	3
	Electrical Engineering	HIGH VOLTAGE ENGINEERING	3
	Electrical Engineering	PLASMA ENGINEERING	3
	Electrical Engineering	ELECTROMAGNETICS(I)	3
	Electrical Engineering	LOGIC CIRCUIT DESIGN	3
	Electronics	INTRODUCTION TO DIGITAL COMMUNICATIONS	3
	Material Science and Engineering	MECHANICS OF MATERIALS	3
	Material Science and Engineering	INTRODUCTION TO OPTICAL AND ELECTRO-MAGNETIC PROPERTIES	3
	Material Science and Engineering	FERROUS MATERIALS	3
	Material Science and Engineering	PLASTIC FORMING OF METALS	3
	Polymer Science and Engineering	BIOMEDICAL POLYMERS	3
	Polymer Science and Engineering	SYNTHETIC RESINS	3
	Polymer Science and Engineering	POLYMER PROCESSING DESIGN	3
	Polymer Science and Engineering	NANOCOMPOSITES MATERIALS	3
	Architecture	ARCHITECTURAL DESIGN STUDIO (III)	6
	Architecture	CONTEMPORARY URBANISM AND EMERGING ARCHITECTURAL THEORIES AN	3
	Architecture	ARCHITECTURERAL MANAGEMENT	3
	Industrial Engineering	COMPUTER PROGRAMMING	2
	Industrial Engineering	ENGINEERING STATISTICS (I)	3
	Industrial Engineering	RELIABILITY ENGINEERING	3
	Urban Engineering	HOUSING POLICY	3
	Urban Engineering	URBAN RENEWAL	3
	Urban Engineering	DEMOGRAPHY	3
Organic Material Science and Engineering	MATERIALS SCIENCE AND ENGINEERING	3	
Organic Material Science and Engineering	COLORANT CHEMISTRY	3	
Organic Material Science and Engineering	FIBER ASSEMBLIES PROPERTIES	3	
Organic Material Science and Engineering	ORGANIC MATERIAL FINISHING	3	
Organic Material Science and Engineering	POLYMER CHEMISTRY	3	
Chemical and Biomolecular Engineering & Environmental Engineering	MASS TRANSFER	3	

	Chemical and Biomolecular Engineering & Environmental Engineering	CHEMICAL ENGINEERING THERMODYNAMICS	3
	Chemical and Biomolecular Engineering & Environmental Engineering	MICROBIOLOGY	3
	Chemical and Biomolecular Engineering & Environmental Engineering	INSTRUMENTAL ANALYSIS	3
	Chemical and Biomolecular Engineering & Environmental Engineering	ENZYME AND PROTEIN ENGINEERING	3
	Chemical and Biomolecular Engineering & Environmental Engineering	PROCESS CONTROL(II)	3
	Civil Engineering	SOIL MECHANICS(I)	3
	Civil Engineering	ENGINEERING OF PROBABILITY AND STATISTICS	3
	Civil Engineering	CONSTRUCTION PLANNING MANAGEMENT	3
	Civil Engineering	WATER ENVIRONMENTAL SYSTEMS ENGINEERING	2
	Civil Engineering	GEO-SPATIAL INFORMATION	2
	Civil Engineering	MECHANICS OF MATERIALS(I)	3
	Civil Engineering	FLUID MECHANICS	3
	Environmental Engineering	FINE PARTICLE CONTROL ENGINEERING	3
	Environmental Engineering	CAPSTONE DESIGN FOR ENVIRONMENTAL ENGINEERING	2
	Environmental Engineering	FLUID MECHANICS	3
	Environmental Engineering	WATER CHEMISTRY	3
	Computer Science and Engineering	C++ PROGRAMMING	3
	Computer Science and Engineering	INTRODUCTION TO OPEN SOURCE SOFTWARE DEVELOPMENT	3
	Computer Science and Engineering	LOGIC CIRCUIT DESIGN	3
	Chemical and Biomolecular Engineering	PHYSICAL CHEMISTRY(I)	3
	Chemical and Biomolecular Engineering	ORGANIC CHEMISTRY(I)	3
	Chemical and Biomolecular Engineering	ENGINEERING MATHEMATICS	3
	Chemical and Biomolecular Engineering	PRINCIPLES AND CALCULATIONS OF CHEMICAL PROCESSES (I)	3
College of Law	Law	ANGLO-AMERICAN LAW	3
	English Language Education	ENGLISH CONVERSATION(I)	3
	English Language Education	ENGLISH CONVERSATION (II)	3
	English Language Education	ENGLISH READING (II)	3
	English Language Education	ESSAY WRITING IN ENGLISH EDUCATION	3
	Educaiton	INTERNATIONAL ORGANIZATION AND FUTURE EDUCATIONAL DEVELOPMEN	3
	Educaiton	HUMAN DEVELOPMENT & EDUCATION	3
	Educaiton	THEORIES AND PRACTICES OF COUNSELING	3
	Educaiton	SOCIOLOGY OF EDUCATION	3
	Educaiton	THEORIES OF INSTRUCTION	3
	Educaiton	METHODOLOGY OF LIFE-LONG EDUCATION	3
	Educaiton	CORPORATE EDUCATION	3
	Special Education	SPECIAL EDUCATION FOR CHILDREN WITH DISABILITIES	2
	Special Education	ELEMENTARY ENGLISH LANGUAGE EDUCATION	3
	Mathematics Education	CALCULUS(I)	3
	Mathematics Education	DISCRETE MATHEMATICS	3
	Mathematics Education	STUDIES IN TEACHING MATERIALS ON MATHEMATICS	3
	Mathematics Education	TOPICS ON ALGEBRA(I)	3
College of Pharmacy	Pharmacy	ANATOMY	2
	Pharmacy	INTRODUCTION TO PHARMACY AND ETHICS	1
	Pharmacy	PATHOPHYSIOLOGY(II)	2
	Pharmacy	CLINICAL PHARMACOTHERAPY(II)	3
	Manufacturing Pharmacy	PATHOLOGY(II)	2
	Manufacturing Pharmacy	PHARMACOTHERAPY(II)	3
College of Arts	Plastic Arts	HISTORY OF SCULPTURE(II)	2
College of Human Ecology	Food Science & Nutrition	FOOD MICROBIOLOGY AND LABORATORY	3
	Food Science & Nutrition	FOOD CHEMISTRY(I)	3
	Clothing & Textiles	UNDERSTANDING OF TEXTILE & FASHION INDUSTRY	3
	Clothing & Textiles	STRUCTURE OF TEXTILE MATERIALS	3
	Child Development & Family Studies	KOREAN FAMILY LIFE	3
	Housing and Interior Design	HOUSING & INTERIOR MATERIALS	3
	Housing and Interior Design	ENVIRONMENTAL COLOR STUDY	3
	Housing and Interior Design	THEORY OF SPACE DESIGN	3
Division of Sports Science	Sports Science	FITNESS MANAGEMENT FOR LIFE	3
	Sports Science	INTRODUCTION OF SPORT SCIENCE	3
	Sports Science	HUMAN ANATOMY	3
	Sports Science	SPORT MEDICINE	3
	Sports Science	SPORT SOCIOLOGY	3
	Sports Science	LABORATORY TECHNIC IN BIOMECHANIS	1
College of Nanoscience and Nanotechnology	Nanofusion Engineering	NANOMATERIALS PROCESSING	3
	Nanomechatronics Engineering	FLUID MECHANICS	3
	Nanomaterials Engineering	STATISTICAL THERMODYNAMICS	3
	Nanomaterials Engineering	QUANTUM DYNAMICS	3
	Nanomaterials Engineering	ELECTRICAL MATERIALS ENGINEERING	3
	Nanomaterials Engineering	SOLID STATE PHYSICS(II)	3
	Nanoapplied Science	NANOMEDICINE(II)	3
	Nanoapplied Science	CHEMICAL ANALYSIS	3
	Nanoapplied Science	SURFACE ANALYSIS SPECTROSCOPY	3
	Nanoenergy Engineering	ENGINEERING MECHANICS	3
	Nanoenergy Engineering	INTRODUCTION TO MATERIALS SCIENCE AND ENGINEERING	3
	Optics and Mechatronics Engineering	GENERAL PHYSICS(I)	3
	Optics and Mechatronics Engineering	LIGHT AND ELECTROMAGNETISM	3
	Optics and Mechatronics Engineering	NANOCHEMISTRY	3

College of Natural Resource and Life Sciences	Plant Bioscience	PLANT GENETICS	3
	Plant Bioscience	PLANT BIOTECHNOLOGY	3
	Horicultural Bioscience	SOIL AND FERTILIZER	3
	Horicultural Bioscience	PLANT MOLECULAR BIOLOGY	3
	Life Science and Environment Biochemistry	GENERAL BIOLOGY	3
	Life Science and Environment Biochemistry	HUMAN GENETICS & PHYSIOLOGY	3
	Life Science and Environment Biochemistry	BIOLOGICAL CONTROL	3
	Life Science and Environment Biochemistry	SOIL SCIENCE(II)	3
	Biomaterial Science	BIO SCIENCE(I) AND LAB(I)	3
	Biomaterial Science	BIOCHEMISTRY(I)	3
	Biomaterial Science	PHYSIOLOGY(I)	3
	Biomaterial Science	BIOSENSOR	3
	Biomaterial Science	MEMBRANE SCIENCE	3
	Bio-Industrial Machinery Engineering	BIOMATERIALS ENGINEERING	3
	Bio-Industrial Machinery Engineering	ELECTRICAL-ELECTRONIC ENGINEERING	3
	Bio-Industrial Machinery Engineering	BIO-HEAT TRANSFER	3
	Bio-Industrial Machinery Engineering	BIO-INDUSTRIAL ROBOTICS	3
	Bio-Industrial Machinery Engineering	INTRODUCTION TO ENVIRONMENTAL ENERGY	3
	Bio-Industrial Machinery Engineering	ENVIRONMENTAL MICROBIOLOGY AND LABORATORY	3
	Bio-Industrial Machinery Engineering	ENVIRONMENTAL ECOLOGY	3
College of Nursing * Courses from this college are not open to exchange students	Nursing	HUMAN ANATOMY AND PATHOPHYSIOLOGY(II)	3
	Nursing	GLOBAL NURSING	1
	Nursing	DISASTER AND EMERGENCY NURSING	2
	Nursing	HEALTH CARE POLICY	2
College of Business	Business Administration	PRINCIPLES OF ECONOMICS	3
	Business Administration	FINANCIAL ACCOUNTING(I)	3
	Business Administration	MARKETING MANAGEMENT	3
	Business Administration	CORPORATE ETHICS&SOCIAL RESPONSIBILITY	3
	Business Administration	MANAGEMENT SCIENCE	3
	Business Administration	INVESTMENT	3
	Business Administration	INTERNATIONAL BUSINESS	3
	Business Administration	MARKETING RESEARCH	3
	Business Administration	GLOBAL MARKETING MANAGEMENT	3
	Business Administration	MANAGEMENT OF FINANCIAL INSTITUTIONS	3
	Business Administration	OPTION THEORY	3
College of Economics and International trade_ Miryang Campus	International Trade	INTERNATIONAL MARKETING MANAGEMENT	3
	International Trade	INTERNATIONAL COMMERCIAL TRANSACTIONS	3
	International Trade	INTERNATIONAL BUSINESS LAW	3
	International Trade	INTERNATIONAL BUSINESS CONTRACT LAW	3
	International Trade	INTERNATIONAL TRADE AND KOREAN ECONOMY	3
	Economics	STATISTICS FOR ECONOMICS	3
	Economics	MICROECONOMICS	3
	Economics	ENVIRONMENTAL ECONOMICS	3
	Tourism and Convention	CONVENTION INDUSTRY	3
	Tourism and Convention	SUSTAINABLE TOURISM	3
	Global Studies	RHETORIC: HOW TO MAKE AN ARGUMENT-LEVEL(I)	3
	Global Studies	WRITING ACROSS THE CURRICULUM-LEVEL(I)	3
	Global Studies	GLOBAL ECONOMY AND LEADERSHIP(I)	1
	Global Studies	INTRODUCTION TO ECONOMICS	3
	Global Studies	MODERN THEORY OF MANAGEMENT	3
	Global Studies	CROSS-CULTURAL AND RELIGIOUS VALUES AND INSTITUTIONS	3
	Global Studies	RISE POWERS IN ASIA	3
	Global Studies	INNOVATION&TECHNOLOGY MANAGEMENT	3
	Global Studies	BUSINESS ENGLISH	3
	Global Studies	CURRENT ISSUES IN INTERNATIONAL RELATIONS	3
	Global Studies	CULTURES OF ECONOMY: GIFTS AND MONEY	3
	Global Studies	DISCOVERING HUMAN RIGHTS	3
	Global Studies	MAGNUM OPUS: WRITING THE SENIOR THESIS	3
	Global Studies	CHALLENGES OF THE 21ST CENTURY	3
	Global Studies	THE ART OF NEGOTIATING	3
	Global Studies	TRENDS IN FILM, LITERATURE, ART AND ARCHITECTURE	3
	Global Studies	GAME THEORY	3
	Korean and East Asian Studies	INTRODUCTION TO KOREA AND EAST ASIA: PAST AND PRESENT	3
	Korean and East Asian Studies	SECURITY IN EAST ASIA	3
	Korean and East Asian Studies	NORTH KOREA POLITICS AND FOREIGN POLICY	3
	Korean and East Asian Studies	TECHNOLOGY IN EAST ASIA REGIONAL AFFAIRS	3
Korean and East Asian Studies	EAST ASIAN ECONOMIC DEVELOPMENT	3	
Institute of General Education	General Education	BUSINESS ENGLISH	3
	General Education	OVERVIEW OF THE MYTHOLOGY AND TRADITIONAL ARTS OF KOREA	3
	General Education	ASIAN LIFE AND WISDOM	3
	General Education	UNDERSTANDING KOREAN CULTURE	3
	General Education	Global English(I)	2
		GLOBAL ENGLISH(II)	2

• Graduate Programs •

Graduate School	Department/Major	Course Title	Credits
General Graduate School	Japanese Language and Literature	Studies in Contemporary Japanese Novel	3
	English Language and Literature	Postmodern Ethics and Literary Criticism	3
	Mathematics	Stochastic Differential Equations	3
	Mathematics	Matrix Functions	3
	Mathematics	Nonlinear Analysis	3
	Mathematics	Topics in Applied Mathematics	3
	Chemistry	Advanced Physical Chemistry	3
	Chemistry	Advanced Organic Chemistry	3
	Chemistry	Surface Analysis	3
	Chemistry	Seminar(II)	1
	Chemistry	Nanochemistry	3
	Chemistry	Seminar(IV)	1
	Chemistry	Inorganic Synthesis and Reactivity	3
	Chemistry	Electrochemistry	3
	Chemistry	Advanced Organic Synthesis	3
	Chemistry	Experimental Techniques of NMR	3
	Chemistry	Organic Material Analysis	3
	Chemistry	Advanced Inorganic Material Chemistry	3
	Regional Environmental Systems Engineering	Earth Environment Seminar(I)	3
	Interdisciplinary Program for Molecular Science	Sensor Materials	3
	Interdisciplinary Program for Molecular Science	Advanced Sensor Surface Modification	3
	Mechanical Engineering	Numerical Methods for the Turbulence Models	3
	Mechanical Engineering	Advanced Fluid Dynamics	3
	Mechanical Engineering	Gas Turbine Engineering	3
	Mechanical Engineering	Theory of Fatigue	3
	Mechanical Engineering	Plates and Shells	3
	Mechanical Engineering	Mechanics of Plastic Deformation	3
	Mechanical Engineering	Special Topics In Injection Molding Process	3
	Mechanical Engineering	Digital Signal Processing	3
	Mechanical Engineering	Brain Engineering	3
	Mechanical Engineering	Radiation Engineering	3
	Naval Architecture and Ocean Engineering	Advanced Theory of Numerical Analysis	3
	Aerospace Engineering	Convective Heat Transfer	3
	Aerospace Engineering	Special Topics in Aerospace Engineering(I)	3
	Civil and Environmental Engineering	Costal Environment Engineering	3
	Civil and Environmental Engineering	Advanced Hydrodynamics	3
	Civil and Environmental Engineering	Advanced New & Renewable Energy Engineering	3
	Civil and Environmental Engineering	Environmental Pollution Modeling	3
	Civil and Environmental Engineering	Construction Project Risk and Decision Making	3
	Chemical and Polymer Science Engineering	Advanced Protein Engineering	3
	Chemical and Polymer Science Engineering	Rheology	3
	Chemical and Polymer Science Engineering	Advanced Chemical Engineering Thermodynamics	3
	Chemical and Polymer Science Engineering	Bioenergy Engineering	3
	Chemical and Polymer Science Engineering	Advanced Energy Materials	3
	Chemical and Polymer Science Engineering	Functional Polymers	3
	Chemical and Polymer Science Engineering	Advanced Physical Properties of Polymers(I)	3
	Chemical and Polymer Science Engineering	Polymer Composite Materials	3
	Architectural Engineering	Construction Productivity Study	3
	Electrical Engineering	Physical Electronics	3
	Electrical Engineering	Power System Analysis	3
	Electrical Engineering	Special Topics in Communications(I)	3
	Electrical Engineering	Robot Intelligent and Recognition : An Introduction	3
	Electronics Engineering	Semiconductor Processing Technologies	3
	Electronics Engineering	Introduction to Robot Design	3
	Computer Science Engineering	Advanced Databases	3
	Materials Science and Engineering	English writing and presentation for engineers	3
	Materials Science and Engineering	Reliability & Maintenance Theory	3
	Industrial Engineering	Operations Scheduling	3
	Industrial Engineering	Mathematical Programming (I)	3
	Industrial Engineering	Seminar	1
	Urban Engineering	Advanced Land Use Planning	3
	Urban Engineering	Advanced Urban Regeneration	3
	Urban Engineering	Urban Administration and Finance	3
	Big Data	Advanced Databases	3
	Architecture	Installation Architecture Design Studio(I)	3
	English Language Education	Seminar in Teaching British & American Culture	3
	Early Childhood Education	Seminar in Advanced Early Childhood Education	3
	Chemical Materials	Advanced Inorganic Chemistry	3
	Chemical Materials	Recent Advances in Materials	3
	International Educational Development	Educational Program Development	3
International Educational Development	Foundation for International Educational Development Cooperation	3	
International Educational Development	Planning and Evaluating on of International Educational Development Co	3	
International Educational Development	International Conflicts and Cooperation	3	
International Educational Development	Seminar in Educational Development Cooperation(I)	3	
Pharmacy	Molecular Microbiology	3	

	Pharmacy	Advanced Physiology	3
	Pharmacy	Proteomics	3
	Pharmacy	Advanced Neurodegenerative Diseases	3
	Pharmacy	Pharmacy in Resolution Regulation	3
	Manufacturing Pharmacy	Polymeric Drug Research	3
	Manufacturing Pharmacy	Advanced Instrumental Analysis	3
	Manufacturing Pharmacy	Development of host immune modulators	3
	Manufacturing Pharmacy	Health Economics & Pharmaceutical Policy	3
	Manufacturing Pharmacy	Introduction of Drug Delivery Systems	3
	Food Science & Nutrition	Nutraceuticals and Functional Foods	3
	Nanofusion Engineering	Advanced Statistical Mechanics	3
	Nanofusion Engineering	Advanced Energy and Environmental Engineering	3
	Nanofusion Engineering	Nano Surface Spectroscopy	3
	Cogno-Mechatronics Engineering	Introduction to Cogno-Mechatronics	3
	Cogno-Mechatronics Engineering	Nano Functional Materials	3
	Cogno-Mechatronics Engineering	Laser Engineering	3
	Cogno-Mechatronics Engineering	Cellular Signaling Network	3
	Cogno-Mechatronics Engineering	Introduction to Photonics Engineering	3
	Biomaterials Science	Advanced Enzymology	3
	Biomaterials Science	Advanced disease model application	3
	Biomaterials Science	Advanced soft nanomaterials	3
	Health Technology	Advanced biotechnology	3
	Business Administration	Services Marketing	3
	Business Administration	Marketing Channel Management	3
	Business Administration	Investment Theory & Application	3
	International Trade	International Marketing Management	3
Graduate School of Management	Business Administration	Accounting Information Systems	3
	Business Administration	Business Ethics&CSR(Corporate Social Responsibility)	3
Graduate School of Education	English Language Education	English Academic Writing for English Education	3
	International Trade	International Trade	3
	International Trade	International Marketing	3
	International Trade	Microeconomics	3
	International Trade	Applied Econometric Analysis(II)	3
	International Logistics and Port Management	International Logistics Management	3
	International Logistics and Port Management	Shipping Management	3
	International Logistics and Port Management	Logistics Decision Making	3
Graduate School of International Studies	Korean Studies	Korean Culture	3
	EU Studies	EU Economic Integration	3
	EU Studies	Trade Issue and Policy of the EU	3
	International and Area Studies	Law and Policy of Development, Resources & Environment	3
	International and Area Studies	Research Methodology	3
	International and Area Studies	Area Studies and International Cooperation	3
	International and Area Studies	Studies in Contemporary Global Issues	3
	International and Area Studies	Global Governance and International Regimes	3
	Law	Anglo-American Law	3
School of Law	Law	Anglo-American Civil Law	3
	Law	Practical Legal Writing in English	1
	Law	Marine Insurance Law	3

Fall Semester (2nd Semester)

• Undergraduate Programs •

College	Department/Major	Course Title	Credits
College of Humanities	English Language and Literature	LOVE, SEXUALITY AND ENGLISH LITERATURE	3
	English Language and Literature	ENGLISH COMPOSITION	3
	English Language and Literature	INTERMEDIATE ENGLISH COMPOSITION	3
	English Language and Literature	CRITICISM OF LITERATURE AND WORLD	3
	English Language and Literature	ENGLISH ESSAY WRITING	3
	English Language and Literature	ADVANCED ENGLISH CONVERSATION	3
	History	CHINESE HISTORY AND CULTURE	3
	Language and Informaiton	INTRODUCTION TO LINGUISTICS	3
	Language and Informaiton	CORPUS LINGUISTICS	3
	Language and Informaiton	PRACTICE LANGUAGE(II)	3
College of Social Sciences	Political Science and Diplomacy	ENGLISH FOR POLITICAL SCIENCE STUDENTS	3
	Political Science and Diplomacy	AMERICAN FOREIGN POLICY	3
	Library, Archaves Information Studies	INFORMATION SOURCES IN SCIENCE AND TECHNOLOGY	3
	Library, Archaves Information Studies	LIBRARY MANAGEMENT	3
	Library, Archaves Information Studies	LIBRARY THOUGHT	3
	Communications	STRATEGIC CONFLICT MANAGEMENT	3
	Communications	INTERCULTURAL COMMUNICATION	3
	Mathematics	BASIC CALCULUS	3
	Mathematics	COMPLEX ANALYSIS(I)	3
	Mathematics	TOPOLOGY(II)	3
	Physics	GENERAL PHYSICS(I)	3
	Statistics	STATISTICAL PROGRAMMING LANGUAGE	3
Statistics	MATRIX ALGEBRA (I)	3	

College of Natural Sciences

Statistics	REGRESSION ANALYSIS (II)	3
Statistics	MATHEMATICAL STATISTICS(II)	3
Statistics	MULTIVARIATE STATISTICS(II)	3
Statistics	STATISTICAL ANALYSIS OF BIG DATA	3
Chemistry	GENERAL CHEMISTRY(II)	3
Chemistry	ORGANIC CHEMISTRY(II)	3
Chemistry	CHEMICAL KINETICS	3
Chemistry	ORGANIC STRUCTURAL ANALYSIS	3
Microbiology	MICROBIAL ECOLOGY	3
Microbiology	APPLIED MICROBIOLOGY	3
Microbiology	BACTERIOLOGY	3
Molecular Biology	GENOMICS BIOENGINEERING AND HUMAN	3
Molecular Biology	BIOCHEMISTRY(II)	3
Molecular Biology	PROTEIN ENGINEERING	3
Molecular Biology	EUCARYOTIC VIROLOGY	3
Biological Sciences	ANIMAL ANATOMY	3
Biological Sciences	GENOMICS	3
Biological Sciences	NEUROSCIENCE	3
Geological Sciences	ENVIRONMENTAL GEOLOGY	3
Oceanography	PHYSICAL OCEANOGRAPHY(II)	3
Oceanography	SATELLITE OCEANOGRAPHY	3
Mechanical Engineering	COMPUTER PROGRAMMING	3
Mechanical Engineering	STATICS	3
Mechanical Engineering	VECTOR ANALYSIS & FUNCTIONS OF A COMPLEX VARIABLE	3
Mechanical Engineering	SOLID MECHANICS	3
Mechanical Engineering	FLUID MECHANICS	3
Mechanical Engineering	APPLIED SOLID MECHANICS	3
Mechanical Engineering	AIR CONDITIONING AND REFRIGERATION	3
Aerospace Engineering	ENGINEERING MECHANICS	3
Aerospace Engineering	GENERAL CHEMISTRY(I)	3
Aerospace Engineering	ENGINEERING MATHEMATICS(II)	3
Aerospace Engineering	NUMERICAL ANALYSIS	3
Aerospace Engineering	AIRCRAFT STRUCTURAL MECHANICS(II)	3
Aerospace Engineering	VISCOUS FLUID FLOW	3
Electrical Engineering	CONTROL ENGINEERING(II)	3
Electrical Engineering	NUMERICAL ANALYSIS	3
Electrical Engineering	INTELLIGENT SYSTEMS	3
Electrical Engineering	RENEWABLE ENERGY ENGINEERING	3
Electrical Engineering	OPTOELECTRONICS	3
Electronics Engineering	CONTROL SYSTEM DESIGN	3
Electronics Engineering	DIGITAL SYSTEMS DESIGN	3
Electronics Engineering	DATA COMMUNICATIONS	3
Electronics Engineering	OPTICAL ELECTRONICS	3
Material Science and Engineering	ENGINEERING DIFFERENTIAL EQUATIONS AND NUMERICAL ANALYSIS	3
Material Science and Engineering	ALLOY DESIGN AND THERMODYNAMICAL SIMULATION	3
Material Science and Engineering	TECHNICAL WRITING & PRESENTATION	3
Material Science and Engineering	DISPLAY ENGINEERING	3
Polymer Science and Engineering	INTRODUCTION TO POLYMER	3
Polymer Science and Engineering	RHEOLOGY	3
Polymer Science and Engineering	POLYMER ANALYSIS	3
Polymer Science and Engineering	FUNCTIONAL POLYMERS (II)	3
Architecture	ARCHITECTURAL DESIGN STUDIO(IV)	6
Architecture	ARCHITECTURAL DESIGN STUDIO(VI)	6
Architecture	CINEMA AND ARCHITECTURE	3
Industrial Engineering	ENGINEERING STATISTICS (II)	3
Urban Engineering	QUANTITATIVE ANALYSIS	3
Urban Engineering	URBAN ANALYSIS	3
Urban Engineering	SMART GROWTH AND COMMUNITY FACILITIES PLANNING	3
Organic Material Science and Engineering	ORGANIC MATERIAL CHEMISTRY	3
Organic Material Science and Engineering	ORGANIC MATERIAL SYNTHESIS	3
Organic Material Science and Engineering	ORGANIC MATERIAL PROCESS	3
Organic Material Science and Engineering	ORGANIC MATERIAL CHARACTERISTICS	3
Chemical and Biomolecular Engineering	PROCESS CONTROL(I)	3
Chemical and Biomolecular Engineering	SEPARATION PROCESS	3
Chemical and Biomolecular Engineering	CHEMICAL REACTION ENGINEERING(II)	3
Chemical and Biomolecular Engineering	BIOCHEMICAL ENGINEERING	3
Chemical and Biomolecular Engineering	MOLECULAR BIOTECHNOLOGY	3
Chemical and Biomolecular Engineering	TRANSPORT PHENOMENA	3
Electrical and Computer Engineering	COMPILER	3
Electrical and Computer Engineering	DATABASES	3
Electrical and Computer Engineering	COMPUTER NETWORKS	3
Civil Engineering	SOIL MECHANICS(II)	3
Civil Engineering	COASTAL ENGINEERING	3
Civil Engineering	FOUNDATION ENGINEERING	2
Civil Engineering	WATER SUPPLY AND WASTEWATER SYSTEMS ENGINEERING	3
Civil Engineering	CONSTRUCTION SCHEDULE PREPARATION AND COST CONTROL	3
Environmental Engineering	WATER QUALITY MANAGEMENT IN WATER BASIN	3
Environmental Engineering	THERMODYNAMICS	3
Environmental Engineering	ENVIRONMENTAL REMEDIATION OF CONTAMINATED SOILS AND GROUNDWA	3

College of Engineering

	Environmental Engineering	CAPSTONE DESIGN FOR ENVIRONMENTAL ENGINEERING	2
	Environmental Engineering	CLIMATE CHANGE AND RENEWABLE ENERGY	3
	Environmental Engineering	RIVER AND OCEAN ENGINEERING	3
	Electrical and Computer Engineering	ELECTRICAL CIRCUITS	3
	Electrical and Computer Engineering	C PROGRAMMING	3
	Electrical Engineering	ELECTROMAGNETICS(II)	3
	Computer Science and Engineering	DATA STRUCTURES	3
	Computer Science and Engineering	PROBABILITIES AND STATISTICS	3
	Computer Science and Engineering	PLATFORM-BASED PROGRAMMING	3
	Chemical and Biomolecular Engineering	PHYSICAL CHEMISTRY(II)	3
	Chemical and Biomolecular Engineering	ORGANIC CHEMISTRY(II)	3
	Chemical and Biomolecular Engineering	BIOCHEMISTRY	3
	Chemical and Biomolecular Engineering	FLUID MECHANICS FOR CHEMICAL ENGINEERING	3
	Urban Engineering	URBAN ECONOMICS	3
	Civil Engineering	MECHANICS OF MATERIALS(II)	3
	Civil Engineering	HYDRODYNAMICS	3
College of Law	Law	ANGLO-AMERICAN CONTRACT LAW	3
College of Education	English Language Education	ENGLISH COMPOSITION PRACTICE	3
	English Language Education	ADVANCED ENGLISH COMPOSITION	3
	English Language Education	PRACTICE IN SPOKEN ENGLISH	3
	English Language Education	ENGLISH DISCUSSION AND PRESENTATION	3
	English Language Education	ELT THEORY INTO PRACTICE	3
	English Language Education	ENGLISH CONVERSATION FOR TEACHERS	3
	Education	KNOWLEDGE BASED SOCIETY AND EDUCATION	3
	Education	EDUCATIONAL ADMINISTRATION	3
	Education	INSTRUCTIONAL DESIGN	3
	Education	HUMAN RESOURCES DEVELOPMENT	3
	Special Education	EDUCATION FOR CHILDREN WITH AUTISTIC DISORDERS	3
	Mathematics Education	CALCULUS(II)	3
	Mathematics Education	PROBABILITY, STATISTICS AND TEACHING	3
	Mathematics Education	MATHEMATICS CURRICULUM	3
	Mathematics Education	TOPICS ON ALGEBRA(II)	3
Physical Education	MODERN SOCIETY AND SPORT	3	
Physical Education	SOCIOLOGY OF SPORT	3	
College of Pharmacy	Pharmacy	PHYSIOLOGY	2
	Pharmacy	PATHOPHYSIOLOGY(II)	2
	Pharmacy	CLINICAL PHARMACOTHERAPY(III)	3
	Manufacturing Pharmacy	PATHOLOGY(II)	2
	Manufacturing Pharmacy	PHARMACOTHERAPY(III)	3
College of Arts	Music(Piano)	WRITING FOR PIANO	2
	Music(Piano)	CHAMBER MUSIC(II)	2
	Plastic Arts	HISTORY OF SCULPTURE(II)	2
College of Human Ecology	Food Science & Nutrition	CAPSTONE DESIGN	3
	Food Science & Nutrition	FOOD CHEMISTRY LABORATORY	2
	Food Science & Nutrition	SENSORY SCIENCE AND CONSUMER BEHAVIOR	3
	Food Science & Nutrition	HEALTH FUNCTIONAL FOODS	3
	Clothing & Textiles	TEXTILE FABRICATION	3
	Clothing & Textiles	CLOTHING ENVIRONMENT	3
	Child Development & Family Studies	INFANT DEVELOPMENT	3
	Housing and Interior Design	DESIGN AND PUBLIC SPACES IN CITY	3
Housing and Interior Design	ENVIRONMENTAL DESIGN RESEARCH METHOD	3	
Division of Sport Science	Sports Science	PRESCRIPTION OF STRENGTH TRAINING	1.5
	Sports Science	MANAGEMENT OF OBESITY	3
	Sports Science	FIRST AID & SAFETY MANAGEMENT	3
	Sports Science	SPORTS ENGINEERING	3
	Sports Science	GENETICS IN SPORT SCIENCE	3
	Sports Science	SPORT COUNSELING	3
College of Nanoscience and Nanotechnology	Nanofusion Engineering	WAVE OPTICS	3
	Nanofusion Engineering	SOLID STATE PHYSICS(I)	3
	Nanomechatronics Engineering	HEAT TRANSFER	3
	Nanomechatronics Engineering	ELECTRONIC CIRCUITS AND APPLICATIONS	3
	Nanomaterials Engineering	SOLID STATE PHYSICS(I)	3
	Nanomaterials Engineering	APPLICATIONS OF NANOMATERIALS	3
	Nanoapplied Science	NANO DRUG DELIVERY SYSTEM	3
	Nanoapplied Science	NANO ENERGY ENG.(II)	3
	Nanoenergy Engineering	DYNAMICS	3
	Nanoenergy Engineering	FUNCTIONAL MATERIALS ENGINEERING	3
	Nanomechatronics Engineering	GENERAL PHYSICS(II)	3
	Nanomechatronics Engineering	GENERAL CHEMISTRY(II)	3
Nanomechatronics Engineering	MODERN PHYSICS	3	
College of Natural Resource and Life Sciences_ Miryang Campus	Plant Bioscience	PLANT MOLECULAR BIOLOGY	3
	Life Science and Environmental Biochemistry	SOIL SCIENCE(I)	3
	Life Science and Environmental Biochemistry	GENOMICS	3
	Life Science and Environmental Biochemistry	ENVIRONMENTAL ECOLOGY	3
	Biomaterial Science	BIOLOGICAL SCIENCES(II)	3
	Biomaterial Science	INTRODUCTION OF BIOMATERIALS(II)	3
	Biomaterial Science	IMMUNOLOGY	3
	Biomaterial Science	TOXICOLOGY	3
	Bio-Industrial Machinery Engineering	BIO-INDUSTRIAL MANUFACTURING PROCESSES	3

	Bio-Industrial Machinery Engineering	BIO-RESOURCE INFORMATION TECHNOLOGY ENGINEERING	3	
	Bio-Industrial Machinery Engineering	COMPUTER PROGRAMING & PRACTICE	3	
	Bio-Industrial Machinery Engineering	BIOSYSTEMS CONTROL ENGINEERING	3	
	Bio-Industrial Machinery Engineering	ENVIRONMENTAL BIOLOGY	3	
	Bio-Industrial Machinery Engineering	ENVIRONMENTAL TOXICOLOGY	3	
	Bio-Industrial Machinery Engineering	BIOLOGICAL REMEDIATION	3	
	Agricultural Economics	NATURAL RESOURCE ECONOMICS	3	
College of Nursing * Courses from this college are not open to exchange students	Nursing	HEALTH ASSESSMENT	2	
	Nursing	HEALTH PROGRAM PLANNING	2	
College of Business	Business Administration	BUSINESS STATISTICS	3	
	Business Administration	PRINCIPLES OF ACCOUNTING	3	
	Business Administration	FINANCIAL MANAGEMENT	3	
	Business Administration	HUMAN RESOURCE MANAGEMENT	3	
	Business Administration	FINANCIAL ACCOUNTING(II)	3	
	Business Administration	ORGANIZATION MANAGEMENT	3	
	Business Administration	DATABASE MANAGEMENT	3	
	Business Administration	CAPSTONE DESIGN FOR OPERATIONS MANAGEMENT	3	
	Business Administration	GLOBAL MARKET RESEARCH	3	
	Business Administration	ADVERTISING	3	
College of Economics and International trade	International Trade	INTERNATIONAL TRADE THEORY	3	
	International Trade	BUSINESS ENGLISH FOR INTERNATIONAL TRADE	3	
	International Trade	INTERNATIONAL FINANCIAL ECONOMICS	3	
	International Trade	CONTRACTS OF INTERNATIONAL TRADE	3	
	International Trade	INTERNATIONAL MARKETING STRATEGIES (CAPSTONE DESIGN)	3	
	Economics	ECONOMICS AND LIFE	3	
	Economics	THEORY OF OPEN ECONOMY	3	
	Tourism and Convention	TOURISM ENGLISH	3	
	Tourism and Convention	PRESENTATION TECHNIQUES FOR TOURISM & CONVENTION	3	
	Global Studies	ETHICS AND SOCIETY	3	
	Global Studies	CONNECTIONS: MAJOR THEMES IN WORLD HISTORY	3	
	Global Studies	TYOLOGIES OF POLITICAL LEADERSHIP	3	
	Global Studies	INTERPRETING THE WORLDS MEDIA	3	
	Global Studies	GLOBAL ECONOMY AND LEADERSHIP(II)	1	
	Global Studies	RHETORIC: HOW TO MAKE AN ARGUMENT-LEVEL(II)	3	
	Global Studies	WRITINGACROSSTHECURRICULUM-LEVEL(II)	3	
	Global Studies	DISCIPLINING COMMERCE: CONCEPTS AND DYNAMICS OF BUSINESS LAW	3	
	Global Studies	INTERNATIONAL ORGANIZATION	3	
	Global Studies	THE WORLD AND SOCIETY	3	
	Global Studies	ECONOMICS OF INTERNATIONAL DEVELOPMENT	3	
	Global Studies	LITERARY THEORY AND ANALYSIS	3	
	Global Studies	COMPARATIVE RESPONSES TO GLOBALIZATION	3	
	Global Studies	CULTURAL ANALYSIS	3	
	Global Studies	WORLD LITERATURE-LEVEL(IV)	3	
	Global Studies	INTERNATIONAL TRADE	3	
	Global Studies	EUROPEAN SOCIETIES, POLITICS, AND ECONOMICS	3	
	Global Studies	MAGNUM OPUS: WRITING THE SENIOR THESIS	3	
	Global Studies	CURRENT ISSUES IN SOCIAL JUSTICE	3	
	Global Studies	RESEARCHING SOCIAL LIFE	3	
	Korean and East Asian Studies	INTERNATIONAL RELATIONS IN EAST ASIA	3	
	Korean and East Asian Studies	JAPAN POLITICS AND FOREIGN POLICY	3	
	Korean and East Asian Studies	INTERNATIONAL NORMS AND RULES IN EAST ASIA	3	
	Korean and East Asian Studies	KOREAN POLITICS AND FOREIGN POLICY	3	
	Korean and East Asian Studies	REGINAL TOPIC IN BUSINESS	3	
	Institute of General Education	General Education	BUSINESS ENGLISH	3
		General Education	OVERVIEW OF THE MYTHOLOGY AND TRADITIONAL ARTS OF KOREA	3
		General Education	ASIAN LIFE AND WISDOM	3
		General Education	UNDERSTANDING KOREAN CULTURE	3
		General Education	CREATIVE WRITING	1
		General Education	OPEN-MINDED SPEAKING	1
General Education		GLOBAL ENGLISH(I)	2	
General Education		GLOBAL ENGLISH(II)	2	
	General Education	READING CLASSICS OF GREAT LITERATURE	2	

• Graduate Programs •

Graduate School	Department/Major	Course Title	Credits
	English Language and Literature	History of Ideas in Literary Criticism	3
	History	Studies in Contemporary Asian History	3
	Mathematics	Partial Differential Equations	3
	Mathematics	Complex Sheaf Theory	3
	Mathematics	Applied Analysis	3
	Mathematics	Stochastic Processes	3
	Mathematics	Riemannian Geometry	3
	Chemistry	Advanced Analytical Chemistry	3
	Chemistry	Advanced Biochemistry	3
	Chemistry	Coordination Chemistry	3
	Chemistry	Advanced Organometallic Chemistry	3

General
Graduate School

Chemistry	Chemical Physics	3
Chemistry	Computational Chemistry	3
Chemistry	Stereochemistry	3
Chemistry	Experimental Techniques of Chemical Instruments	3
Chemistry	Molecular Material Chemistry	3
Chemistry	Advanced Organic Reaction Mechanisms	3
Regional Environmental Systems Engineering	Earth Environment Seminar(II)	3
Interdisciplinary Program for Molecular Science	Electroanalytical Chemistry	3
Medical Engineering	Theory of Turbulence	3
Medical Engineering	Advanced Turbomachinery	3
Medical Engineering	Boundary Element Method	3
Medical Engineering	Mixture Theory	3
Medical Engineering	Probabilistic Engineering Analysis and Design	3
Medical Engineering	Rolling Theory	3
Medical Engineering	Digital Control	3
Aerospace Engineering	Compressible Fluid Flow	3
Civil and Environmental Engineering	Bioelectrochemical System Engineering	3
Civil and Environmental Engineering	Advanced Waste Resource Recovery	3
Civil and Environmental Engineering	Low Impact Development and Value Engineering Application	3
Chemical and Polymer Science Engineering	Advanced Instrumental Analysis	3
Chemical and Polymer Science Engineering	Advanced Numerical Analysis	3
Chemical and Polymer Science Engineering	Advanced Genetic Engineering	3
Chemical and Polymer Science Engineering	Advanced Material Engineering	3
Chemical and Polymer Science Engineering	Renewable Energy Engineering	3
Chemical and Polymer Science Engineering	Advanced Organic Synthesis	3
Chemical and Polymer Science Engineering	Advanced Macromolecular Synthesis(II)	3
Chemical and Polymer Science Engineering	Multiphase Polymer System	3
Architectural Engineering	Cost Planning and Management	3
Electrical and Computer Engineering	Optical Electronics(I)	3
Electrical and Computer Engineering	Smartgrid Theory	3
Electrical and Computer Engineering	Next Generation Photovoltaic Engineering	3
Electrical and Computer Engineering	Intrusion Detection Algorithm	3
Material Science and Engineering	Design of advanced steel	3
Material Science and Engineering	Deformation Behaviors of Materials	3
Industrial Engineering	Statistical Quality Control	3
Industrial Engineering	Virtual Manufacturing Process	3
Industrial Engineering	Logistics Systems	3
Industrial Engineering	Computational Intelligence	3
Urban Engineering	Public Policy Analysis	3
Urban Engineering	Real Estate Development and Planning	3
Fusion Program	Nano Machining Process	3
Fusion Program	Mechanics of Plastic Deformation	3
Bia Data	Big Data Analysis	3
Bia Data	Big Data Processing	3
Architecture	Urban Design Studio(I)	3
Law	Special Study on American Law	3
Education	Educational Program Development	3
Education	Design of Instructional Ecology	3
Education	Comparative Education	3
Chemical Materials	Seminar in OLED	3
Chemical Materials	Organometallic Chemistry	3
Chemical Materials	Chemical sensors and biosensors	3
International Educational Development	International educational cooperation and project feasibility study	3
International Educational Development	Consulting for International educational reform	3
International Educational Development	International Economic Development Cooperation	3
International Educational Development	International Development Cooperation Case study(I)	3
Pharmacy	Advanced Pharmacology	3
Pharmacy	Molecular Biology of Aging	3
Pharmacy	Microbial pathogenesis	3
Pharmacy	Anti-inflammatory drugs	3
Pharmacy	Energy Metabolism and Metabolic Diseases	3
Manufacturing Pharmacy	Advanced Organic Chemistry	3
Manufacturing Pharmacy	Protein & Nucleic Acid Chemistry(I)	3
Manufacturing Pharmacy	Design of Controlled Drug Release	3
Manufacturing Pharmacy	Nano-bio drug delivery systems	3
Food Science and Nutrition	Advanced Food Microbiology	3
Food Science and Nutrition	Advanced Culinary Science	3
Nano-Fusion Technology	Bionano Quantum Theory	3
Nano-Fusion Technology	Special Topics in Secondary Battery Nanomaterials	3
Nano-Fusion Technology	Advanced Smart Environmental Sensor Engineering	3
Cogno-Mechatronics Engineering	Optoelectronics	3
Cogno-Mechatronics Engineering	Optomechatronics Engineering	3
Cogno-Mechatronics Engineering	Molecular Medicine	3
Cogno-Mechatronics Engineering	Introduction to Nano Functional Materials	3
Cogno-Mechatronics Engineering	Study on Nanoparticle Synthesis	3
Biomaterials Science	Molecular Endocrinology	3
Biomaterials Science	Advanced Regenerative Medicine	3
Biomaterials Science	Advanced Membranes for Biomedical applications	3
Health Technology	Brain science technology	3

	Business Administration	Advertising Management	3
	Business Administration	Sales Management	3
Graduate School of Management	Business Administration	Advertising(I)	3
Graduate School of Education	Educaiotn	Studies in materials and Practices of English Teaching	3
Graduate School of Industrial Engineering	Architecture	Advanced Architectural Design Studio(I)	3
Graduate School of International Studies	International Trade	Seminar on International Trade	3
	International Trade	International Trade Negotiations	3
	International Trade	International Business and Economics	3
	International Logistics and Port Management	International Transport	3
	International Logistics and Port Management	Case Studies of International Logistics	3
	International Logistics and Port Management	Marine Business and Law	3
	International Logistics and Port Management	International Shipping Policy	3
	Korean Studies	International Relations of Korea	3
	Korean Studies	Korean Economy	3
	EU Studies	EU International Relations and Security	3
	International and Area Studies	International Political Economy	3
	International and Area Studies	Comparative Studies in Special Economic Zones	3
	International and Area Studies	International Business and Economics	3
	School of Law	Law	Special Study on American Law
Law		Economic Analysis of Law	3
Law		Maritime Law	3
Law		International Human Rights Law	3
Law		International Economic Law	3
Law		International Trade and WTO	3
Law		International Finance	3
Law		Accounting for Lawyers	3
Law		Anglo-American Competition Law	3
Law		How to Write International Contracts	2
Law	Theories and Practice of the Maritime Finance Law	3	