

[Undergraduate]

College	Major	Course Title	Credit
College of Engineering	Mechanical Engineering	Engineering Mechanics2	3
	Mechanical Engineering	Mechanical Engineering Laboratory 1	1
	Mechanical Engineering	Solid Mechanics	3
	Mechanical Engineering	Fluid Mechanics	3
	Industrial Engineering	Automation Systems and Practice	3
	Industrial Engineering	Computer Simulation and Practice	3
	Industrial Engineering	Data Analysis & Practice	3
	Industrial Engineering	Operations Research and practice2	3
	Industrial Engineering	Operations Research and practice2	3
	Industrial Engineering	Production System Operation & Practice	3
	Industrial Engineering	Supply Chain Management and Practice	3
	Industrial Engineering	Management of Service Convergence Technology	3
	Chemical Engineering	Modeling and Simulation in Chemical Engineering	3
	Chemical Engineering	Reaction Engineering 2	3
	Materials Science and Engineering	Electronic Materials Processing	3
	Materials Science and Engineering	Materials Selection and Design	3
	Materials Science and Engineering	Thermodynamics of Solids	3
	Biological Engineering	Biochemistry	3
	Biological Engineering	Unit Operations in Biotechnology & Nanotechnology	3
	Biological Engineering	Unit Operations in Biotechnology & Nanotechnology	3
	Architecture	Architectural Design Studio D	6
	Architecture	Architectural Design Studio F	6
	Architecture	Building Structure	3
	Architecture	Introduction to Urban Design	3
	Architectural Engineering	Construction Management and Practice	3
	Architectural Engineering	Reinforced Concrete Structure	3
	Environmental Engineering	Computational Methods for Environmental Engineering	3
	Environmental Engineering	LCA & EPD	3
	Environmental Engineering	Life Cycle Assessment Lab	2
	Environmental Engineering	Soil and Groundwater Pollution	3
	Civil System Engineering	Design of Hydraulics	3
	Civil System Engineering	Water Resources Engineering	3
Transportation System Engineering	Operations Research	3	
Transportation System Engineering	Transportation Systems Analysis and Planning	3	
College of Info.& Technology	Electrical Engineering	Antenna Engineering	3
	Electrical Engineering	Automatic Control	3
	Electrical Engineering	Circuit Theory 2	3
	Electrical Engineering	Probability and Random Variables	3
	Electrical Engineering	Probability and Random Variables	3
	Electrical Engineering	Probability and Random Variables	3
	Information and Computer Engineering	Computer Vision	3
	Information and Computer Engineering	Data Structures	3
	Information and Computer Engineering	Embedded Systems	3
	Information and Computer Engineering	Internet Protocol	3
	Information and Computer Engineering	Software Engineering	3
	Digital Media	Digital Broadcasting	3
Digital Media	Introduction to Digital Media	3	
College of Natural Sciences	Chemistry	Physical Chemistry2	3
	Biological Science	Molecular Genetics	3
	Business Administration	Advertising	3
	Business Administration	Marketing Management	3
	Business Administration	Marketing Research	3
	Business Administration	Business Communications 2	3
	Business Administration	Business Statistics	3
	Business Administration	Business Statistics	3
	Business Administration	Consumer Behavior	3
	Business Administration	Financial Engineering	3
	Business Administration	Financial Management	3
	Business Administration	Industrial Relations	3

College	Major	Course Title	Credit
School of Business	Business Administration	Intermediate Financial Accounting1	3
	Business Administration	Introduction to probability Models of business	3
	Business Administration	Managerial Accounting	3
	Business Administration	Managerial Decision Making	3
	Business Administration	Mathematics for Management	3
	Business Administration	Mathematics for Management	3
	Business Administration	Operations Management	3
	Business Administration	Operations Management	3
	Business Administration	Operations Management	3
	Business Administration	Organizational Behavior	3
	Business Administration	Organizational Behavior	3
	Business Administration	Organizational Behavior	3
	Business Administration	Organizational Behavior	3
	Business Administration	Principles of Accounting	3
	Business Administration	Principles of Accounting	3
	e-Business	Introduction to e-business	3
e-Business	Management Information Systems	3	
College of Humanity	English Language and Literature	American Poetry	3
	English Language and Literature	English Composition 1	3
	English Language and Literature	English Composition 1	3
	English Language and Literature	English Composition 1	3
	English Language and Literature	English Composition 1	3
	English Language and Literature	English Composition 2	3
	English Language and Literature	English Composition 2	3
	English Language and Literature	English Conversation 2	3
	English Language and Literature	English Conversation 2	3
	English Language and Literature	English Conversation 2	3
	English Language and Literature	English Conversation1	3
	English Language and Literature	English Conversation1	3
	English Language and Literature	English Conversation1	3
	English Language and Literature	English Conversation1	3
	English Language and Literature	History of American Literature	3
	English Language and Literature	History of Modern English Literature	3
	English Language and Literature	Introduction to the English Language	3
	English Language and Literature	Introduction to the English Language	3
	English Language and Literature	Public Speaking	3
	English Language and Literature	Public Speaking	3
English Language and Literature	Writing Practical English	3	
English Language and Literature	Writing Practical English	3	
College of Social Sciences	Economics	Principle of Economics1	3
	Economics	Principle of Economics1	3
	Economics	Principle of Economics1	3
	Economics	Principle of Economics1	3
	Economics	Principle of Economics1	3
	Economics	Principle of Economics2	3
	Economics	Principle of Economics2	3
	Economics	Principle of Economics2	3
	Economics	Principle of Economics2	3
	Economics	Principle of Economics2	3
	Sociology	Introduction to Future Studies	3
	Sociology	Introduction to Sociology	3
Political Science and Diplomacy	Introduction to International Relations	3	
College of Law	Law	International Criminal Law	3
	Law	Understanding Criminal Law of U.S.A	3
Division of International Studies	International Relations and Commerce	Business English	3
	International Relations and Commerce	Business English	3
	Area Studies	Seminar on China	3

College	Major	Course Title	Credit
General Education	General Education	Calculus 2	3
	General Education	Current Issues in Korean Society	3
	General Education	e-business Programming	3
	General Education	General Chemistry 1	3
	General Education	Reading in French	3
Korean Language	General Education (Korean Language)	Korean Language 1	3
	General Education (Korean Language)	Korean Language 1	3
	General Education (Korean Language)	Korean Language 1	3
	General Education (Korean Language)	Korean Language 2	3
	General Education (Korean Language)	Korean Language 3	3
	General Education (Korean Language)	Korean Language 4	3

[Graduate School]

College / Dept.	Division	Course Title	Credit
School of Engineering	Mechanical Engineering	Advanced Automatic Control	3
	Mechanical Engineering	Special Topics III	3
	Industrial Engineering	Intelligent Manufacturing System	3
	Industrial Engineering	Machine Learning	3
	Industrial Engineering	Management Technology	3
	Chemical Engineering	Advanced Chemical Engineering Mathematics	3
	Chemical Engineering	Advanced Chemical Reaction Engineering	3
	Materials Science Engineering	Nano-Materials	3
	Environmental Engineering	Simulation of ecodesign	3
School of Information Technology	Computer Engineering	Advanced Theory of Computation	3
	Computer Engineering	Computer Network Security	3
	Computer Engineering	Information Retrieval	3
	Computer Engineering	Computer System Security	3
	Computer Engineering	Advanced Topics in Systems and Applications	3
	Computer Engineering	Wireless Communications	3
	Electrical Engineering	Solid-State Lighting	3
School of Natural Sciences	Mathematics	Partial Differential Equations I	3
School of Business Admin.	Business Administration	Research Methods in Organizational Behavior II	3
School of Humanities	English Language and Literature	Comparative Studies on Narrative Theory	3
	English Language and Literature	English and American Scenario	3
School of Medicine	Medical Life Sciences	Neurophysiology	3
	Medical Life Sciences	Experimental Molecular Biology	3
	Medical Life Sciences	Topics in Biomedical Sciences	3
	Medical Life Sciences	Seminars in Neurosciences I	2
	Medical Life Sciences	Seminars in Neurosciences II	2
	Medical Life Sciences	Seminars in Neurosciences III	2
	Medical Life Sciences	Seminars in Neurosciences IV	2
	Medical Life Sciences	Mechanism of Carcinogenesis	3
	Medical Life Sciences	Molecular Medicine Special Lecture 2	1
Medical Life Sciences	Seminars in Molecular Medicine 2	2	
School of Nursing	Nursing Sciences	Seminar in Advanced nursing	3
	Nursing Sciences	Nursing and Health Policy	3
Department of Energy System Research	Energy System Research	Laser Optics	3
	Energy System Research	Special Topics in Energy II	3
	Energy System Research	Theories on Energy Policy	3
	Energy System Research	Organometallic Chemistry	3
	Energy System Research	Special Topics in Analytical Chemistry	3
	Energy System Research	Applied Mathematics for Energy Studies	3
	Energy System Research	Energy Conversion Systems	3
	Energy System Research	Introduction to Energy Systems	3
	Energy System Research	Seminar in Energy Studies II	1
	Energy System Research	Advanced Electromagnetism in Energy Science	3
	Energy System Research	Quantum Mechanics in Energy Science	3
	Energy System Research	Energy Reaction Engineering	3
	Energy System Research	Surface Chemistry	3
	Energy System Research	Special Topics in Energy IV	3
	Energy System Research	Energy materials chemistry	3
	Energy System Research	Special Topics in Energy I	3
	Energy System Research	Design & Optimization of Energy Systems	3

College	Major	Course Title	Credit
	Molecular Science and Technology	Organic Photonic and Optoelectronic Materials	3
	Molecular Science and Technology	Advanced Biochemistry	3
	Molecular Science and Technology	Metabolomics	3
	Molecular Science and Technology	Introduction to Nanomedicine	3
	Molecular Science and Technology	Advanced Molecular Physiology	3
	Biomedical Engineering	Special Lecture of Biomedical Engineering	3
	Space Survey Information Technology	Satellite Information Technology	3
	Financial Engineering	Stochastic Calculus for Financial Engineering	3
	Financial Engineering	Portfolio Optimization	3
	Applied Bio Technology	Cosmetic Unit Operations	3
	Applied Bio Technology	Perfumery	3
Korean Language	Korean Language	Korean Language Beginning	0

[Graduate School of International Studies]

Dept.	Major	Course Title	Credit
	International Business	Business Statistics	3
	International Business	Economic Analysis 1	3
	International Business	Principles of Accounting	3
	International Business	International Business	3
	International Business	Marketing Management	3
	International Business	Operations Management	3
	International Business	Financial Management	3
	International Business	Managerial Accounting	3
	International Business	Cross Cultural Management	3
	International Business	Economic Approach to Strategic Management	3
	International Business	Leadership and Ethics II	3
	International Business	Business Internship	3
	International Business	International Finance	3
	International Business	Economic Analysis 2	3
	International Business	Econometric Method	3
	International Business	International Relations	3
	International Business	Research Methods	3
	International Business	Korean Economic Development	3
	International Business	Beginning Korean Language I	3
	International Trade	Economic Analysis 1	3
	International Trade	International Finance	3
	International Trade	Economic Analysis 2	3
	International Trade	Business Statistics	3
	International Trade	International Commercial Contracts and Dispute Sio s nt	

College	Major	Course Title	Credit
and Cooperation	International Development and Cooperation	International Relations	3
	International Development and Cooperation	International Political Economy	3
	International Development and Cooperation	Cross Cultural Management	3
	International Development and Cooperation	Beginning Korean Language I	3
	International Development and Cooperation	Korean Economic Development	3

[Undergraduate]

College	Major	Course Title	Credit
	Business Administration	Business Communications 2	3
	Business Administration	Business Communications 2	3
	Business Administration	Business Statistics	3
	Business Administration	Business Statistics	3
	Business Administration	Business Statistics	3
	Business Administration	Financial Management	3
	Business Administration	Financial Management	3
	Business Administration	Fixed Income Securities	3
	Business Administration	Intermediate Financial Accounting2	3
	Business Administration	International Financial Management	3
	Business Administration	Investment	3
	Business Administration	Management Science	3
	Business Administration	Managerial Accounting	3
	Business Administration	Marketing Management	3
	Business Administration	Marketing Management	3
	Business Administration	Mathematics for Management	3
	Business Administration	Mathematics for Management	3
	Business Administration	Mathematics for Management	3
	Business Administration	Operations Management	3
	Business Administration	Operations Management	3
	Business Administration	Organizational Behavior	3
	Business Administration	Organizational Behavior	3
	Business Administration	Organizational Behavior	3
	Business Administration	Principles of Accounting	3
	Business Administration	Principles of Accounting	3
	Architecture	Architectural Design Studio C	3
	Architecture	Architectural Design Studio E	3
	Architecture	Building Structure	3
	Architecture	Construction Economy	3
	Biotechnology	Biotechnology Calculations	3
	Biotechnology	Food Engineering	3
	Biotechnology	Molecular Biology	3
	Civil Engineering	Applied Mechanics	3
	Civil Engineering	Concrete Technology	3
	Environmental Engineering	Environmental Toxicology	3
	Environmental Engineering	Biological Wastewater Treatment	3
	Environmental Engineering	Ecodesign I	3
	Environmental Engineering	Ecodesign II	3
	Environmental Engineering	Environmental Chemistry	3
	Environmental Engineering	Waste Control Device Design	3
	Industrial & Info. Systems Engineering		

College	Major	Course Title	Credit
College of Info.& Technology	Digital Media	Communication Theory	3
	Digital Media	Computer Graphics	3
	Digital Media	Game Programming 1	3
	Electronics Engineering	Circuit Theory 2	3
	Electronics Engineering	Electromagnetics 1	3
	Electronics Engineering	Signals and Systems	3
	Information & Computer Engineering	Computer Programming	3
	Information & Computer Engineering	Computer Programming	3
	Information & Computer Engineering	Embedded Software	3
Information & Computer Engineering	Web Programming	3	
Division of International Studies	International Relations and Commerce	Business English	3
	International Relations and Commerce	Business English	3
College of Law	Law	Readings in Anglo-American Law	3
	Law	Study on Economic Crimes	3
College of Natural Sciences	Mathematics	Introduction to Analysis1	3
	Mathematics	Linear Algebra 1	3
	Biological Science	Animal Physiology	3
	Biological Science	Genetics	3
College of Social Sciences	Economics	International Trade	3
	Economics	Principle of Economics1	3
	Economics	Principle of Economics1	3
	Economics	Principle of Economics1	3
	Economics	Principle of Economics1	3
	Economics	Principle of Economics1	3
	Economics	Principle of Economics1	3
	Economics	Principle of Economics1	3
	Economics	Principle of Economics2	3
	Economics	Principle of Economics2	3
	Political Science and Diplomacy	Political Economy	3
	Public Administration	Financial Administration	3
	Public Administration	Special Topic in Public Administration	3
	Sociology	Cultural Anthropology	3
Sociology	Family and The Life Course	3	
General Education	General Education	Calculus 1	3
	General Education	Current Issues in Korean Society	3
	General Education	Planning and Presentation	3
	General Education	Reading in French	3
	General Education	Statistics Application	3
	General Education	Statistics Application	3
Korean Language	Korean Language	Korean 1 (Beginner 1)	3
	Korean Language	Korean 1 (Beginner 1)	3
	Korean Language	Korean 1 (Beginner 1)	3
	Korean Language	Korean 2 (Beginner 2)	3
	Korean Language	Korean 3 (Intermediate 1)	3
	Korean Language	Korean 4 (Intermediate 2)	3
	Korean Language	Advanced Korea Writing	3
	Korean Language	Advanced Korea Reading	3

[Graduate School]

College / Dept.	Division	Course Title	Credit
School of Engineering	Mechanical Engineering	Advanced Dynamics	3
	Industrial Engineering	Special Topics in Supply Chain Management	3
	Industrial Engineering	Data Mining	3
	Industrial Engineering	Advanced Manufacturing Process Control	3
	Industrial Engineering	Optimal Design of a Production System	3
	Chemical Engineering	Advanced Thermodynamics	3
	Chemical Engineering	Advanced Fluid Dynamics	3
	Chemical Engineering	Advanced Heat Transfer	3
	Environmental Engineering	Advanced Ecodesign	3
	Environmental Engineering	Practice of ecodesign	3

College	Major	Course Title	Credit
	Computer Engineering	Computer Communication Performance Analysis	3
	Computer Engineering	Computer Network II	3
	Computer Engineering	Ubiquitous Sensor Network	3
	Computer Engineering	Advanced Computer Architecture	3
	Electrical Engineering	Advanced Electromagnetic Field Theory	3
	Electrical Engineering	Signals and Systems	3
	Digital Media	Theories in New Media	3
	Mathematics	Analysis I	3
	Mathematics	Numerical Analysis I	3
	Mathematics	Topics in Analysis I	3
School of Business Admin.	Business Administration	Research Methods in Organizational Behavior II	3
	English Language and Literature	English Phonetics	3
	English Language and Literature	Seminar in Cultural Studies	3
	English Language and Literature	Seminar in Film Criticism	3
	Medical Life Sciences	Topics in Biomedical Sciences	3
	Medical Life Sciences	Seminarneering	



College	Major	Course Title	Credit	
	International Business	International Trade Practice	3	
	International Business	Environmental and Natural Resource Economics	3	
	International Business	Beginning Korean Language 1	3	
	International Business	Beginning Korean Language 2	3	
	International Business	Advanced Korean Language 1	3	
	International Business	Korean Politics	3	
	International Trade	International Trade	Economic Analysis I	3
		International Trade	Economic Analysis II	3
		International Trade	International Trade	3
		International Trade	International Trade Practice	3
International Trade		Environmental and Natural Resource Economics	3	
International Trade		Research Methods	3	
International Trade		Business Statistics	3	
International Trade		Seminar in International Business	3	
International Trade		Organizational Behavior	3	
International Trade		Beginning Korean Language 1	3	
International Trade		Beginning Korean Language 2	3	
International Trade		Advanced Korean Language 1	3	
International Trade	Korean Politics	3		
NGO Studies	NGO Studies	NGO Introduction	3	
	NGO Studies	The Social Marketing and Finance of NGO	3	
	NGO Studies	NGO and International Organization	3	
	NGO Studies	Volunteer Management and Civic Education	3	
	NGO Studies	Globalization and International Development Cooperation	3	
	NGO Studies	Research Methods	3	
	NGO Studies	Organizational Behavior	3	
	NGO Studies	Beginning Korean Language 1	3	
	NGO Studies	Beginning Korean Language 2	3	
	NGO Studies	Advanced Korean Language 1	3	
NGO Studies	Korean Politics	3		
Korean Studies	Korean Studies	Beginning Korean Language 1	3	
	Korean Studies	Beginning Korean Language 2	3	
	Korean Studies	Advanced Korean Language 1	3	
	Korean Studies	Korean Politics	3	
	Korean Studies	Korean Culture and Art	3	
	Korean Studies	Research Methods	3	