

# English-taught Course List

for Incoming Exchange Students

(2025 Fall & 2026 Spring)



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No.	Degree Program	Major	Year	Course Name (English)	Credits	EN / ES
1	Undergraduate	Korean Language & Literature	1	Level 2 Korean(2)	3	EN
2	Undergraduate	Korean Language & Literature	1	Level 2 Korean Practice(2)	3	EN
3	Undergraduate	Korean Language & Literature	1	Level 1 Korean 2	3	EN
4	Undergraduate	Korean Language & Literature	3	Basic of Korean Comprehension(2)	3	EN
5	Undergraduate	English Language & Literature	1	Understanding of English Grammar	3	EN
6	Undergraduate	English Language & Literature	1	Foundations of English Literature	3	EN
7	Undergraduate	English Language & Literature	2	ENGLISH CONVERSATION(3)	1	EN
8	Undergraduate	English Language & Literature	2	Introduction to Poetry	3	EN
9	Undergraduate	English Language & Literature	3	INTERMEDIATE ENGLISH CONVERSATION(1)	1	EN
10	Undergraduate	English Language & Literature	3	History of English Literature	3	EN
11	Undergraduate	English Language & Literature	3	Studies in Global Anglophone Writers	3	EN
12	Undergraduate	English Language & Literature	3	COMPARATIVE LITERATURE	3	EN
13	Undergraduate	English Language & Literature	4	PRACTICAL ENGLISH COMPOSITION	2	EN
14	Undergraduate	English Language & Literature	4	ENGLISH SPEECH & DEBATE	2	EN
15	Undergraduate	Physics	2	Introduction to Computational Physics	3	EN
16	Undergraduate	Physics	2	MATHEMATICAL PHYSICS(1)	3	EN
17	Undergraduate	Physics	3	THERMAL AND STATISTICAL PHYSICS(1)	3	ES
18	Undergraduate	Fashion industry	2	Introduction to business data analysis	3	EN
19	Undergraduate	Public Administration	2	PUBLIC ORGANIZATIONS	3	EN
20	Undergraduate	Public Administration	2	HISTORY OF PUBLIC ADMINISTRATION	3	EN
21	Undergraduate	Public Administration	2	HUMAN RELATIONS IN GOVERNMENT	3	EN
22	Undergraduate	Public Administration	3	Career Seminar I	1	EN
23	Undergraduate	Political Science & International Studies	2	COMPARATIVE POLITICS	3	ES
24	Undergraduate	Economics	2	Basic Economic Statistics	3	EN
25	Undergraduate	International Trade	1	PRINCIPLES OF MANAGEMENT	3	ES
26	Undergraduate	International Trade	3	INTERNATIONAL BUSINESS MANAGEMENT	3	EN
27	Undergraduate	International Trade	4	Global Business Capstone Design 1	3	EN
28	Undergraduate	International Trade(Evening)	3	Business Logistics & Supply Chain Management	3	EN
29	Undergraduate	Mechanical Engineering	2	Engineering Mathematics 1	3	EN
30	Undergraduate	Mechanical Engineering	2	ENGINEERING MATERIALS	3	EN
31	Undergraduate	Mechanical Engineering	2	ELECTRICAL AND ELECTRONIC ENGINEERING	3	ES
32	Undergraduate	Mechanical Engineering	3	MANUFACTURING PROCESSES	3	EN
33	Undergraduate	Mechanical Engineering	4	Robotics	3	EN
34	Undergraduate	Mechanical Engineering	4	Introduction: MicroElectroMechanical Systems	3	ES
35	Undergraduate	Mechanical Engineering	3	Capstone Design 2	3	EN
36	Undergraduate	Mechanical Engineering	4	Capstone Design 2	3	ES
37	Undergraduate	Electrical Engineering	2	INTRODUCTION TO SEMICONDUCTOR DEVICES AND ENGINEERING	3	EN
38	Undergraduate	Electrical Engineering	3	Electrical Materials Science and Engineering	3	EN
39	Undergraduate	Electrical Engineering	4	OPTO-ELECTRIC ENERGY APPLICATION ENGINEERING	3	EN
40	Undergraduate	Electronics Engineering	2	Introduction to smart systems	3	EN
41	Undergraduate	Electronics Engineering	3	Artificial Intelligence	3	EN
42	Undergraduate	Electronics Engineering	2	CIRCUIT THEORY	3	EN
43	Undergraduate	Electronics Engineering	3	RADIO ENGINEERING	3	EN
44	Undergraduate	Electronics Engineering	3	COMMUNICATION THEORY	3	EN
45	Undergraduate	Electronics Engineering	4	Wireless Communication System	3	EN
46	Undergraduate	Industrial and Management Engineering	2	DATABASE	3	EN
47	Undergraduate	Materials Science and Engineering	2	MODERN PHYSICS	3	EN
48	Undergraduate	Materials Science and Engineering	3	Semiconductor Device Nanofabrication 1	3	EN
49	Undergraduate	Safety Engineering	2	SOIL MECHANICS	3	EN
52	Undergraduate	Energy and Chemical Engineering	2	Engineering Mathematics 1	3	ES
53	Undergraduate	Energy and Chemical Engineering	4	Experiment for Energy Conversion and Storage	2	EN
54	Undergraduate	Energy and Chemical Engineering	4	Introduction to Catalysis	3	EN
55	Undergraduate	Energy and Chemical Engineering	4	Secondary Battery Engineering	3	EN
56	Undergraduate	Biomedical & Robotics Engineering	1	CALCULUS(1)	3	EN
57	Undergraduate	Biomedical & Robotics Engineering	1	Engineering Programming with MATLAB	2	EN
58	Undergraduate	Biomedical & Robotics Engineering	2	Electric Circuit	3	EN
59	Undergraduate	Biomedical & Robotics Engineering	2	ADVANCED ENGINEERING MATHEMATICS(2)	3	EN
60	Undergraduate	Biomedical & Robotics Engineering	3	Automatic Control	3	ES
61	Undergraduate	Biomedical & Robotics Engineering	3	System Dynamics 2	3	EN
62	Undergraduate	Biomedical & Robotics Engineering	3	Biomedical Measurement and Engineering	3	EN
63	Undergraduate	Biomedical & Robotics Engineering	3	Biomedical Signals and Systems	3	EN
64	Undergraduate	Biomedical & Robotics Engineering	3	MECHANICAL VIBRATIONS	3	EN
66	Undergraduate	Biomedical & Robotics Engineering	3	PROBABILITY AND STATISTICS	3	EN
67	Undergraduate	Biomedical & Robotics Engineering	4	Design Optimization	3	EN
68	Undergraduate	Computer Science and Engineering	2	DIGITAL ENGINEERING	3	EN
69	Undergraduate	Information Telecommunication Engineering	1	PROGRAMMING(1)	3	ES
70	Undergraduate	Information Telecommunication Engineering	2	CIRCUIT THEORY	3	ES
71	Undergraduate	Information Telecommunication Engineering	3	ELECTRONIC CIRCUIT	3	EN



No.	Degree Program	Major	Year	Course Name (English)	Credits	EN / ES
72	Undergraduate	Information Telecommunication Engineering	4	Wireless and Mobile Communications	3	ES
73	Undergraduate	Information Telecommunication Engineering	4	NUMERICAL ANALYSIS	3	EN
74	Undergraduate	Business Administration	1	PRINCIPLES OF MANAGEMENT	3	EN
75	Undergraduate	Business Administration	2	Introduction to Management Information Systems	3	EN
76	Undergraduate	Business Administration	2	PRINCIPLES OF MARKETING	3	EN
77	Undergraduate	Business Administration	2	MANAGEMENT SCIENCE	3	EN
78	Undergraduate	Business Administration	3	Strategic Management	3	EN
79	Undergraduate	Business Administration	3	Business and Culture	3	EN
80	Undergraduate	Business Administration	3	Data Analytics for Business Intelligence	3	EN
81	Undergraduate	Business Administration	3	Venture Entrepreneurship	3	EN
82	Undergraduate	Business Administration	3	HUMAN RESOURCES MANAGEMENT	3	EN
83	Undergraduate	Business Administration	3	SUPPLY CHAIN MANAGEMENT	3	EN
84	Undergraduate	Business Administration	4	Startups and Business Models	3	EN
85	Undergraduate	Sport Science	2	Basic Function Anatomy	2	ES
86	Undergraduate	Sport Science	3	Kinesiology of the Musculoskeletal	3	ES
87	Undergraduate	Health & Kinesiology	2	Sports Climbing	1	ES
88	Undergraduate	Health & Kinesiology	4	Sports English 1	2	EN
89	Undergraduate	Health & Kinesiology	4	Exercise Rehabilitation	2	EN
90	Undergraduate	Urban Policy and Administration	1	Urban Data Mining	3	EN
91	Undergraduate	Urban Policy and Administration	2	Urban Planning	3	EN
92	Undergraduate	Urban Policy and Administration	3	Urban Research Analysis Methods	3	EN
93	Undergraduate	Urban Policy and Administration	3	Urban Transport Planning	3	EN
94	Undergraduate	Urban Policy and Administration	4	Urban Environment Big Data Analysis	3	EN
95	Undergraduate	Civil and Environmental Engineering	3	STRUCTURAL MECHANICS(1)	2	EN
96	Undergraduate	Civil and Environmental Engineering	3	IoT in Construction System	1	EN
97	Undergraduate	Civil and Environmental Engineering	3	Water supply systems	3	ES
98	Undergraduate	Civil and Environmental Engineering	4	HYDRO INFORMATICS	3	ES
99	Undergraduate	Civil and Environmental Engineering	4	BRIDGE ENGINEERING	3	EN
100	Undergraduate	Environmental Engineering	4	Environmental Remediation Engineering	3	EN
101	Undergraduate	Urban Engineering	3	Urban Spatial Inequality	3	EN
102	Undergraduate	Division of Architecture & Urban Design	1	Architectural Design Basics 1	3	ES
103	Undergraduate	Major of Architectural Engineering	3	BIM-based construction information management	3	ES
104	Undergraduate	Major of Architecture and Urban Design	3	Sustainable Urbanism	3	ES
105	Undergraduate	College of Life Sciences and Bioengineering	1	Biology foundation(1)	3	EN
106	Undergraduate	Major of biological Sciences	4	Neurobiology	3	EN
107	Undergraduate	Molecular & Medical Science	3	GENETICS	3	EN
108	Undergraduate	Molecular & Medical Science	4	Introduction to biopharmaceuticals	3	EN
109	Undergraduate	Department of Bioengineering	1	GENERAL BIOLOGY(1)	2	ES
110	Undergraduate	Department of Bioengineering	1	GENERAL CHEMISTRY(1)	2	EN
111	Undergraduate	Bioengineering	3	Genetic Engineering	3	ES
112	Undergraduate	Bioengineering	4	Biomaterials and Tissue Engineering	3	EN
113	Undergraduate	Nano-Bioengineering	2	General Microbiology	3	ES
114	Undergraduate	Nano-Bioengineering	3	Brain Engineering	3	EN
115	Undergraduate	Nano-Bioengineering	4	Genetic Engineering	3	ES
116	Undergraduate	School of Northeast Asian Studies	2	MACROECONOMICS	3	EN
117	Undergraduate	School of Northeast Asian Studies	2	US China Monetary and Financial System	3	EN
119	Undergraduate	School of Northeast Asian Studies	4	Northeast Asian Economic Integration	3	EN
120	Undergraduate	IBE(ternational Business Economics)	1	Economic Data 1	3	EN
121	Undergraduate	IBE(ternational Business Economics)	2	INTRODUCTORY ECONOMICS 1	3	EN
122	Undergraduate	IBE(ternational Business Economics)	2	Financial Mathematics	3	EN
123	Undergraduate	IBE(ternational Business Economics)	2	Statistics for Business Economics	3	EN
124	Undergraduate	IBE(ternational Business Economics)	2	Practical Academic Korean	2	EN
125	Undergraduate	IBE(ternational Business Economics)	3	Corporate Finance	3	EN
126	Undergraduate	IBE(ternational Business Economics)	3	Business Communication	3	EN
127	Undergraduate	IBE(ternational Business Economics)	3	Financial Markets	3	EN
128	Undergraduate	IBE(ternational Business Economics)	3	Marketing Science	3	EN
129	Undergraduate	IBE(ternational Business Economics)	4	Competition and Strategy	3	EN
130	Undergraduate	IBE(ternational Business Economics)	4	Topics in Asian Economies	3	EN
131	Undergraduate	Liberal Arts	ALL	Seminar in the Birth of Modern Intellectuals	3	EN
132	Undergraduate	Liberal Arts	ALL	Public Issues and Controversies	3	EN
133	Undergraduate	Liberal Arts	ALL	New Waves of Korean Culture	3	EN
134	Undergraduate	Liberal Arts	ALL	Understanding Business	3	EN
135	Undergraduate	Liberal Arts	ALL	Introductory College Writing	3	EN
136	Undergraduate	Liberal Arts	ALL	Language and Culture	3	EN
137	Undergraduate	Liberal Arts	ALL	Introduction to Film and Media Studies	3	EN
138	Undergraduate	Liberal Arts	ALL	Animals and Human society	3	EN
139	Undergraduate	Liberal Arts	ALL	History of Science and Technology	3	EN
140	Undergraduate	Liberal Arts	ALL	Popular Music Theory and Practice	2	EN



No.	Degree Program	Major	Year	Course Name (English)	Credits	EN / ES
141	Undergraduate	Liberal Arts	ALL	Introduction to Classical Music	3	EN
142	Undergraduate	Liberal Arts	ALL	Global K Culture through Music and Storytelling	3	EN
143	Undergraduate	Liberal Arts	ALL	Understanding of K Music with Guitar	2	EN
144	Undergraduate	Liberal Arts	ALL	Korea on Screen	3	EN
145	Undergraduate	Liberal Arts	ALL	Unlock the Korean Wave	3	EN
146	Undergraduate	International Cooperation and Development	ALL	Introduction to International Development and Cooperation	3	EN
147	Undergraduate	Creative Design	ALL	Programming Basics and Ideas	3	EN
148	Undergraduate	Creative Design	ALL	Creative Programming for Design	3	EN
149	Undergraduate	Creative Design	ALL	AI Design Studio 1	3	EN
150	Undergraduate	Vehicle dynamics and control	ALL	Future Mobility Project1	2	EN
151	Undergraduate	Vehicle dynamics and control	ALL	Vehicle dynamics and control	3	EN
152	Undergraduate	Information Telecommunication Engineering	1	CALCULUS(1)	3	ES
153	Graduate	Dept. of English Language and Literature		Studies in Drama	3	EN
154	Graduate	Dept. of English Language and Literature		Pragmatics	3	EN
155	Graduate	Dept. of English Language and Literature		Special Topic in English Literature I	3	EN
156	Graduate	Dept. of Public Administration		Research Methods for Social Sciences	3	EN
157	Graduate	Dept. of Public Administration		Personnel Administration	3	EN
158	Graduate	Dept. of Public Administration		Seminars on Information Administration	3	EN
159	Graduate	Dept. of Business Administration		Thesis Research(Business Administration)	3	EN
160	Graduate	Dept. of Business Administration		Statistical Methods	3	EN
161	Graduate	Dept. of Business Administration		Consumer Behavior	3	EN
162	Graduate	Dept. of Physics		Thesis Research(Physics)	3	EN
163	Graduate	Dept. of Physics		Special Topics in Photoelectronics Physics	3	EN
164	Graduate	Dept. of Chemistry		Advanced Polymer Chemistry	3	EN
165	Graduate	Dept. of Life Science		Writing Biology Papers in English for Beginners	3	EN
166	Graduate	Dept. of Clothing & Textiles		Seminar in Textile Material	3	EN
167	Graduate	Dept. of Mechanical Engineering		Thesis Research(Mechanical Engineering)	3	EN
168	Graduate	Dept. of Mechanical Engineering		Theory and applications of high temperature fuel cells	3	EN
169	Graduate	Dept. of Mechanical Engineering		Semiconductor Materials and Properties	3	EN
170	Graduate	Dept. of Mechanical Engineering		Applied Mathematics	3	EN
171	Graduate	Dept. of Mechanical Engineering		Advanced Material Science	3	EN
172	Graduate	Dept. of Mechanical Engineering		Advanced Theory CAD/CAM System	3	EN
173	Graduate	Dept. of Biomedical & Robotics Engineering		Mechanics and Control of Robots	3	EN
174	Graduate	Dept. of Biomedical & Robotics Engineering		Machine Learning	3	EN
175	Graduate	Dept. of Biomedical & Robotics Engineering		Lumped parameter system	3	EN
176	Graduate	Dept. of Biomedical & Robotics Engineering		Research & Writing Skills for Articles	3	EN
177	Graduate	Dept. of Electrical Engineering		Seminar for Emerging Energies	3	EN
178	Graduate	Dept. of Electrical Engineering		Semiconductor materials for electrical engineering	3	EN
179	Graduate	Dept. of Electrical Engineering		Smart Grid Seminar	3	EN
180	Graduate	Dept. of Electrical Engineering		Advanced Semiconductor Engineering	3	EN
181	Graduate	Dept. of Electronics Engineering		Microwave Applications	3	EN
182	Graduate	Dept. of Electronics Engineering		Thesis Research(Electronics Engineering)	3	EN
183	Graduate	Dept. of Electronics Engineering		Understanding artificial intelligence	3	EN
184	Graduate	Dept. of Materials Science and Engineering		Advanced Electrochemistry	3	EN
185	Graduate	Dept. of Materials Science and Engineering		Thin Film Process	3	EN
186	Graduate	Dept. of Materials Science and Engineering		Advanced Optoelectronics	3	EN
187	Graduate	Dept. of Safety Engineering		Advanced Combustion Engineering	3	EN
188	Graduate	Dept. of Safety Engineering		Advanced Construction Safety	3	EN
189	Graduate	Dept. of Energy and Chemical Engineering		Process Control Technology	3	EN
190	Graduate	Dept. of Civil & Environmental Engineering		Advanced Rock Mechanics	3	EN
191	Graduate	Dept. of Civil & Environmental Engineering		Theory on Reinforced Concrete Structures	3	EN
192	Graduate	Dept. of Civil & Environmental Engineering		Analysis and Design of Bridges	3	EN
193	Graduate	Dept. of Civil & Environmental Engineering		Advanced Hydraulic Engineering	3	EN
194	Graduate	Dept. of Civil & Environmental Engineering		Advanced Theory of Sedimentation	3	EN
195	Graduate	Dept. of International Climate Cooperation		Introduction to Climate Change Study	3	EN
196	Graduate	Dept. of International Climate Cooperation		Climate Finance	3	EN
197	Graduate	Dept. of International Climate Cooperation		Climate Change and Disaster Management	3	EN



No.	Degree Program	Dept.	YEAR	Course Title	Credit
1	Undergraduate	Dept. of Korean Language & Literature	1	Level 1 Korean 1	3
2	Undergraduate	Dept. of Korean Language & Literature	1	Level 2 Korean 1	3
3	Undergraduate	Dept. of Korean Language & Literature	1	Level 2 Korean Practice 1	3
4	Undergraduate	Dept. of Korean Language & Literature	3	Basic of Korean Comprehension 1	3
5	Undergraduate	Dept. of English Language & Literature	1	ENGLISH CONVERSATION(2)	1
6	Undergraduate	Dept. of English Language & Literature	1	ENGLISH COMPOSITION(1)	1
7	Undergraduate	Dept. of English Language & Literature	1	ACADEMIC WRITING	3
8	Undergraduate	Dept. of English Language & Literature	2	ENGLISH COMPOSITION(3)	1
9	Undergraduate	Dept. of English Language & Literature	2	ENGLISH CONVERSATION(4)	1
10	Undergraduate	Dept. of English Language & Literature	2	HISTORY OF AMERICAN LITERATURE	3
11	Undergraduate	Dept. of English Language & Literature	2	ENGLISH PHONETICS	3
12	Undergraduate	Dept. of English Language & Literature	2	Seminar in Classics	3
13	Undergraduate	Dept. of English Language & Literature	3	INTERMEDIATE ENGLISH CONVERSATION(2)	1
14	Undergraduate	Dept. of English Language & Literature	3	Shakespeare	3
15	Undergraduate	Dept. of English Language & Literature	3	The History of English	3
16	Undergraduate	Dept. of English Language & Literature	4	Special Topic in English Literature	3
17	Undergraduate	Dept. of English Language & Literature	4	PRACTICAL ENGLISH CONVERSATION	2
18	Undergraduate	Dept. of Physics	2	MATHEMATICAL PHYSICS(2)	3
19	Undergraduate	Dept. of Physics	4	SOLID STATE PHYSICS(2)	3
20	Undergraduate	Dept. of Chemistry	3	POLYMER CHEMISTRY	3
21	Undergraduate	Department of Fashion Industry	1	Digital Fashion Design	3
22	Undergraduate	Dept. of Mass Communication	2	Global Public Relations	3
23	Undergraduate	Dept. of Mass Communication	3	Social Media in Strategic Communication	3
24	Undergraduate	Dept. of Library and Information Science	3	Digital Libraries	3
25	Undergraduate	Dept. of Creative Human Resource Development	2	Workplace Counseling	3
26	Undergraduate	Dept. of Public Administration	1	Global communication	3
27	Undergraduate	Dept. of Public Administration	2	RESEARCH METHODS FOR PUBLIC ADMINISTRATION	3
28	Undergraduate	Dept. of Public Administration	2	PUBLIC MANAGEMENT	3
29	Undergraduate	Dept. of Public Administration	2	THEORIES OF LEADERSHIP	3
30	Undergraduate	Dept. of Public Administration	2	CIVIL SOCIETY	3
31	Undergraduate	Dept. of Public Administration	4	Global Governance	3
32	Undergraduate	Dept. of Political Science & International Studies	2	KOREAN POLITICS	3
33	Undergraduate	Dept. of Political Science & International Studies	3	COMPARATIVE POLITICS OF ASIA	3
34	Undergraduate	Dept. of Political Science & International Studies	4	International organizations and international dispute settlement	3
35	Undergraduate	Division of International Trade	1	PRINCIPLES OF ECONOMICS(2)	3
36	Undergraduate	Division of International Trade	2	Statistics	3
37	Undergraduate	Division of International Trade	2	INTERNATIONAL TRADE LAW	3
38	Undergraduate	Division of International Trade	3	Understanding of Global markets in cultural content	3
39	Undergraduate	Division of International Trade	3	BUSINESS ENGLISH(1)	3
40	Undergraduate	Dept. of Consumer Science	2	Analysis of service market	3
41	Undergraduate	Dept. of Mechanical Engineering	1	CALCULUS(2)	3
42	Undergraduate	Dept. of Mechanical Engineering	2	Engineering Mathematics 2	3
43	Undergraduate	Dept. of Mechanical Engineering	2	Dynamics	3
44	Undergraduate	Dept. of Mechanical Engineering	2	FLUID MECHANICS(1)	3
45	Undergraduate	Dept. of Mechanical Engineering	2	Solid Mechanics(2)	3
46	Undergraduate	Dept. of Mechanical Engineering	3	Capstone Design I	3
47	Undergraduate	Dept. of Mechanical Engineering	3	Applied Mathematics for Mechanical Engineering 2	3
48	Undergraduate	Dept. of Mechanical Engineering	3	MECHANICAL ELEMENT DESIGN	3
49	Undergraduate	Dept. of Mechanical Engineering	3	Heat Transfer	3
50	Undergraduate	Dept. of Mechanical Engineering	3	Advanced Precision Machining	3
51	Undergraduate	Dept. of Mechanical Engineering	3	Mechanical Engineering Research	3
52	Undergraduate	Dept. of Mechanical Engineering	3	Control Engineering 1	3
53	Undergraduate	Dept. of Mechanical Engineering	4	Energy Conversion Engineering	3
54	Undergraduate	Dept. of Mechanical Engineering	4	Materials Processing and Behavior	3
55	Undergraduate	Dept. of Mechanical Engineering	4	SIGNAL PROCESSING	3
56	Undergraduate	Dept. of Electrical Engineering	2	ENERGY CONVERSION TO ELECTRIC POWER	3
57	Undergraduate	Dept. of Electrical Engineering	4	Semiconductors and Energy in Nanotechnology	3
58	Undergraduate	Dept. of Electrical Engineering	3	Fundamentals of Semiconductor Process Technology	3
59	Undergraduate	Dept. of Electrical Engineering	3	Deep Learning	3
60	Undergraduate	Dept. of Electrical Engineering	3	MICROWAVE ENGINEERING	3
61	Undergraduate	Dept. of Electrical Engineering	3	DIGITAL COMMUNICATION	3
62	Undergraduate	Dept. of Electrical Engineering	4	Big Data Engineering	3
63	Undergraduate	Dept. of Electrical Engineering	1	COMPUTER PROGRAMMING	3
64	Undergraduate	Dept. of Electrical Engineering	2	PHYSICAL ELECTRONICS	3
65	Undergraduate	Semiconductor Convergence Engineering	4	Semiconductor Data Science	3
66	Undergraduate	Industrial Management Engineering	3	DATABASE	3
67	Undergraduate	Dept. of Materials Science and Engineering	2	Mathematics for Materials Science and Engineering	3
68	Undergraduate	Dept. of Materials Science and Engineering	2	PHYSICAL CHEMISTRY FOR MATERIALS SCIENCE(1)	3



No.	Degree Program	Dept.	YEAR	Course Title	Credit
69	Undergraduate	Dept. of Materials Science and Engineering	2	CRYSTAL STRUCTURE OF MATERIALS	3
70	Undergraduate	Dept. of Materials Science and Engineering	2	SEMICONDUCTOR PHYSICS	3
71	Undergraduate	Dept. of Materials Science and Engineering	3	Materials Thermodynamics	3
72	Undergraduate	Dept. of Materials Science and Engineering	3	Electronic Ceramics	3
73	Undergraduate	Dept. of Materials Science and Engineering	3	SEMICONDUCTOR DEVICE ENGINEERING	3
74	Undergraduate	Dept. of Materials Science and Engineering	3	ELECTRONIC PACKAGING	3
75	Undergraduate	Dept. of Materials Science and Engineering	4	CHARACTERIZATION OF MATERIALS	3
76	Undergraduate	Dept. of Safety Engineering	2	STRUCTURE ANALYSIS ENGINEERING	3
77	Undergraduate	Dept. of Safety Engineering	2	Introduction to Nuclear Engineering	3
78	Undergraduate	Dept. of Safety Engineering	2	COMBUSTION ENGINEERING	3
79	Undergraduate	Dept. of Safety Engineering	3	CapstoneDesign	3
80	Undergraduate	Dept. of Safety Engineering	3	NUCLEAR POWER SAFETY ENGINEERING	3
81	Undergraduate	Dept. of Safety Engineering	3	CONSTRUCTION SAFETY ENGINEERING	3
82	Undergraduate	Dept. of Safety Engineering	4	Construction Engineering and Management	3
83	Undergraduate	Dept. of Energy and Chemical Engineering	4	Fuel Cell Engineering	3
84	Undergraduate	Dept. of Energy and Chemical Engineering	4	Secondary Battery Engineering	3
85	Undergraduate	Dept. of Energy and Chemical Engineering	4	Introduction to Energy Engineering	3
86	Undergraduate	Dept. of Energy and Chemical Engineering	4	Machine Learning for Chemical Engineering	3
87	Undergraduate	Department of Biomedical & Robotics Engineering	1	CALCULUS(2)	3
88	Undergraduate	Department of Biomedical & Robotics Engineering	1	ENGINEERING MATHEMATICS(1)	3
89	Undergraduate	Department of Biomedical & Robotics Engineering	1	Dynamics	3
90	Undergraduate	Department of Biomedical & Robotics Engineering	2	System Dynamics 1	3
91	Undergraduate	Department of Biomedical & Robotics Engineering	2	Digital logic circuits	3
92	Undergraduate	Department of Biomedical & Robotics Engineering	2	ELECTROMAGNETIC THEORY	3
93	Undergraduate	Department of Biomedical & Robotics Engineering	2	Fluid Mechanics	3
94	Undergraduate	Department of Biomedical & Robotics Engineering	2	Material Engineering	3
95	Undergraduate	Department of Biomedical & Robotics Engineering	2	Cell Biotechnology2	3
96	Undergraduate	Department of Biomedical & Robotics Engineering	3	Robotics	3
97	Undergraduate	Department of Biomedical & Robotics Engineering	3	Finite Element Method	3
98	Undergraduate	Department of Biomedical & Robotics Engineering	3	PsPice MATLAB Simulink	2
99	Undergraduate	Department of Biomedical & Robotics Engineering	3	Biomedical engineering experiment	2
100	Undergraduate	Department of Biomedical & Robotics Engineering	3	MICROELECTRONIC CIRCUITS	3
101	Undergraduate	Department of Biomedical & Robotics Engineering	4	Control of electric machine	3
102	Undergraduate	Dept. of Information and Telecommunication Engineering	2	NETWORK THEORY	3
103	Undergraduate	Dept. of Information and Telecommunication Engineering	2	SIGNAL AND SYSTEM	3
104	Undergraduate	Dept. of Information and Telecommunication Engineering	3	Communication Engineering Lab	2
105	Undergraduate	Dept. of Information and Telecommunication Engineering	3	MICROWAVE ENGINEERING	3
106	Undergraduate	Dept. of Information and Telecommunication Engineering	4	ANTENNA ENGINEERING	3
107	Undergraduate	Business Administration	1	Principles of Economies	3
108	Undergraduate	Business Administration	2	INTERNATIONAL MANAGEMENT	3
109	Undergraduate	Business Administration	2	ORGANIZATIONAL BEHAVIOR	3
110	Undergraduate	Business Administration	3	INTERNATIONAL MARKETING	3
111	Undergraduate	Business Administration	4	Tourism Management and Administration	3
112	Undergraduate	Business Administration	4	Artificial Intelligence & Block Chain	3
113	Undergraduate	Dept. of Tax and Accounting	1	Principles of Economies	3
114	Undergraduate	DIVISION OF DESIGN	1	Design Culture and History	3
115	Undergraduate	DIVISION OF DESIGN	1	Product Design Methodology	2
116	Undergraduate	DIVISION OF DESIGN	2	Evidence based Product Design	2
117	Undergraduate	DIVISION OF DESIGN	3	Capstone Design	2
118	Undergraduate	DIVISION OF DESIGN	2	Design Building Programming	2
119	Undergraduate	Division of Sport Science	3	Sports Psychological Counseling	3
120	Undergraduate	Division of Sport Science	4	Sport Neuroscience	2
121	Undergraduate	Division of Health & Kinesiology	2	Athletic Injuries	3
122	Undergraduate	Division of Health & Kinesiology	3	Orthopedic Evaluation and Assessment of the Upper Extremity	2
123	Undergraduate	Division of Health & Kinesiology	3	Scuba Diving	1
124	Undergraduate	Division of Health & Kinesiology	3	Clinical Biomechanics	2
125	Undergraduate	Division of Health & Kinesiology	4	Sports English 2	2
126	Undergraduate	Dept. of English Language Education	1	American and British Culture	3
127	Undergraduate	Dept. of English Language Education	1	Global Citizen Englishl	3
128	Undergraduate	Dept. of English Language Education	2	English Grammar	3
129	Undergraduate	Dept. of English Language Education	2	English Teaching using Drama	3
130	Undergraduate	Dept. of English Language Education	3	English Syntax and School Grammar	3
131	Undergraduate	Dept. of English Language Education	4	Applications of Big Data to English Teaching	3
132	Undergraduate	Dept. of Physical Education	2	Method of Teaching Basketball	1
133	Undergraduate	Dept. of Physical Education	2	Outdoor Activity 1	1
134	Undergraduate	Dept. of Urban Policy and Administration	1	Introduction to Public Administration and Governance	3
135	Undergraduate	Dept. of Urban Policy and Administration	2	Theories and Practices of Organizational Management	3
136	Undergraduate	Dept. of Urban Policy and Administration	2	GIS and spatial data analysis	3



No.	Degree Program	Dept.	YEAR	Course Title	Credit
137	Undergraduate	Dept. of Urban Policy and Administration	2	Data Science for Urban Scientists	3
138	Undergraduate	Dept. of Urban Policy and Administration	4	Land Use Planning and Practices	3
139	Undergraduate	Dept. of Civil and Environmental Engineering	2	MECHANICS OF MATERIALS	3
140	Undergraduate	Dept. of Civil and Environmental Engineering	3	STRUCTURAL MECHANICS(2)	2
141	Undergraduate	Dept. of Civil and Environmental Engineering	3	Reinforced Concrete Engineering and Design2	3
142	Undergraduate	Dept. of Civil and Environmental Engineering	3	DESIGN OF STEEL STRUCTURES	3
143	Undergraduate	Dept. of Civil and Environmental Engineering	3	ENVIRONMENTAL HYDRAULICS	3
144	Undergraduate	Dept. of Civil and Environmental Engineering	4	CAPSTONE DESIGN	3
145	Undergraduate	Dept. of Civil and Environmental Engineering	4	Numerical Analysis in Civil and Environmental Engineering	3
146	Undergraduate	Dept. of Civil and Environmental Engineering	4	Smart Structural Analysis	3
147	Undergraduate	Dept. of Civil and Environmental Engineering	4	IT River Engineering	3
148	Undergraduate	Environmental Engineering	2	Sustainable Air Quality Management	3
149	Undergraduate	Environmental Engineering	3	Environmental Quality Modeling	3
150	Undergraduate	Environmental Engineering	3	Resource Recovery from Waste	3
151	Undergraduate	Urban Engineering	2	Urban GIS	3
152	Undergraduate	Urban Engineering	2	The Open Space Planning Studio	3
153	Undergraduate	Urban Engineering	3	Urban Design Studio2	4
154	Undergraduate	Urban Engineering	4	Urban Sociology	3
155	Undergraduate	Division of Architecture & Urban Design	1	Architectural Design Basics 2	3
156	Undergraduate	Division of Architecture & Urban Design	2	Construction Management	3
157	Undergraduate	Division of Architecture & Urban Design	2	MECHANICS OF MATERIALS	3
158	Undergraduate	Division of Architecture & Urban Design	2	Smart Construction Technologies	3
159	Undergraduate	Division of Architecture & Urban Design	3	Architectural Data Analytics and Applications	3
160	Undergraduate	Division of Architecture & Urban Design	3	BUILDING EQUIPMENT(2)	3
161	Undergraduate	Division of Architecture & Urban Design	2	Digital Architecture1	3
162	Undergraduate	Major of biological Sciences	3	ANIMAL PHYSIOLOGY	3
163	Undergraduate	Major of biological Sciences	4	Topics in Vector Biology	3
164	Undergraduate	Molecular & Medical Science	3	Protein Engineering	3
165	Undergraduate	Molecular & Medical Science	3	Integrated Biomedical Research on Human Diseases	3
166	Undergraduate	Molecular & Medical Science	4	Epigenomics/Epigenetics	3
167	Undergraduate	Department of Bioengineering	1	General Chemistry(2)	2
168	Undergraduate	Department of Bioengineering	3	Applied Microbiology	3
169	Undergraduate	Department of Nano-Bioengineering	2	MOLECULAR BIOLOGY	3
170	Undergraduate	Department of Nano-Bioengineering	2	Electronic Properties of the Materials	3
171	Undergraduate	Department of Nano-Bioengineering	3	Bio MEMS	3
172	Undergraduate	Department of Nano-Bioengineering	3	IMMUNOLOGY	3
173	Undergraduate	School of Northeast Asian Studies	1	ELEMENTARY ENGLISH	2
174	Undergraduate	School of Northeast Asian Studies	1	ENGLISH READING AND WRITING(1)	2
175	Undergraduate	School of Northeast Asian Studies	2	THEORY OF INTERNATIONAL FINANCE	3
176	Undergraduate	School of Northeast Asian Studies	2	Lab Class on Economic Data Analysis	3
177	Undergraduate	School of Northeast Asian Studies	2	KOREA-U.S. ECONOMIC RELATIONS	3
178	Undergraduate	School of Northeast Asian Studies	4	Return of Depression Economy of the United States of America and the World	3
179	Undergraduate	International Business Economics	1	Self Design Seminar	1
180	Undergraduate	International Business Economics	1	Economic Data 2	3
181	Undergraduate	International Business Economics	1	Introduction to Korean 2	2
182	Undergraduate	International Business Economics	1	elementary level of Korean conversation 2	2
183	Undergraduate	International Business Economics	2	Intermediate level of Korean conversation 2	2
184	Undergraduate	International Business Economics	2	INTRODUCTORY ECONOMICS 2	3
185	Undergraduate	International Business Economics	2	International Business	3
186	Undergraduate	International Business Economics	2	Principles of Financial Accounting	3
187	Undergraduate	International Business Economics	3	Korean Society and culture	2
188	Undergraduate	International Business Economics	3	International Finance	3
189	Undergraduate	International Business Economics	3	Business Strategy	3
190	Undergraduate	International Business Economics	3	Applied Business Economics	3
191	Undergraduate	International Business Economics	3	Business Organization	3
192	Undergraduate	International Business Economics	4	Topics in Law and Economics	3
193	Undergraduate	Liberal Arts	ALL	New Waves of Korean Culture	3
194	Undergraduate	Liberal Arts	ALL	Language and Culture	3
195	Undergraduate	Liberal Arts	ALL	Introduction to Film and Media Studies	3
196	Undergraduate	Liberal Arts	ALL	Comparative Understanding of China Japan Korea	3
197	Undergraduate	Liberal Arts	ALL	US China Relations and Global Governance	3
198	Undergraduate	Optoelectronics Major	ALL	Computational materials science	3
199	Undergraduate	International Cooperation and Development	ALL	Energy Politics Administration and Sustainability	3
200	Undergraduate	Creative Design	ALL	Design studio 2 - cooperative project	3
201	Undergraduate	Creative Design	ALL	Creative principles for design	3
202	Undergraduate	Creative Design	ALL	Interactive Prototyping	3
203	Undergraduate	Beauty Industry	ALL	Cosmetic Merchandising & Marketing	3