

English Course List

for Incoming Exchange Students

(2021 Fall Semester)





No.	Degree Program	Major	Year	Course Name (English)	Credits
1	Undergraduate	English Language & Literature	1	ENGLISH CONVERSATION(2)	1
2	Undergraduate	English Language & Literature	1	ENGLISH COMPOSITION1	1
3	Undergraduate	English Language & Literature	1	Academic writing	3
4	Undergraduate	English Language & Literature	2	ENGLISH COMPOSITION(2)	1
5	Undergraduate	English Language & Literature	2	HISTORY OF AMERICAN LITERATURE	3
6	Undergraduate	English Language & Literature	2	ENGLISH PHONETICS	3
7	Undergraduate	English Language & Literature	2	Eighteenth and Nineteenth Century British Novel	3
8	Undergraduate	English Language & Literature	3	INTERMEDIATE ENGLISH CONVERSATION	1
9	Undergraduate	English Language & Literature	3	History Of The English Language	3
10	Undergraduate	English Language & Literature	3	Shakespeare	3
11	Undergraduate	English Language & Literature	4	OFFICE ENGLISH CONVERSATION	2
12	Undergraduate	Chemistry	3	POLYMER CHEMISTRY	3
13	Undergraduate	Fashion & Industry	1	Understanding Apparel Textiles	3
14	Undergraduate	Fashion & Industry	1	Digital Fashion Design	3
15	Undergraduate	Fashion & Industry	2	Textile Testing and Evaluation	3
16	Undergraduate	Fashion & Industry	3	Technical Design	3
17	Undergraduate	Fashion & Industry	3	TEXTILE FINISHING AND NEW MATERIALS	3
18	Undergraduate	Mass Communication	2	Crisis Communication	3
19	Undergraduate	Library & Information Science	2	Introduction to Database	3
20	Undergraduate	Library & Information Science	3	Digital Library	3
21	Undergraduate	Creative Human Resource Development	2	Competency Modeling & Establishment of Human Resource Development System	3
22	Undergraduate	Creative Human Resource Development	2	Workplace Counseling	3
23	Undergraduate	Creative Human Resource Development	4	Performance Consulting	3
24	Undergraduate	Public Administration	1	ENGLISH FOR PUBLIC ADMINISTRATION	3
25	Undergraduate	Public Administration	2	PUBLIC FINANCIAL ADMINISTRATION	3
26	Undergraduate	Public Administration	2	RESEARCH METHODS FOR PUBLIC ADMINISTRATION	3
27	Undergraduate	Public Administration	2	PUBLIC MANAGEMENT	3
28	Undergraduate	Public Administration	2	THEORIES OF LEADERSHIP	3
29	Undergraduate	Public Administration	2	CIVIL SOCIETY	3
30	Undergraduate	Public Administration	4	Global Governance	3
31	Undergraduate	Public Administration	4	ENVIRONMENT ADMINISTRATION	3
32	Undergraduate	Public Administration	4	CULTURAL ADMINISTRATION	3
33	Undergraduate	Public Administration	4	PUBLIC POLICY ANALYSIS AND EVALUATION	3
34	Undergraduate	Public Administration	4	GOVERNMENT REFORM	3
35	Undergraduate	Political Science & International Studies	3	Globalization and Politics in Developing Countries	3
36	Undergraduate	Political Science & International Studies	4	International Relations and Global Issues	3
37	Undergraduate	International Trade	3	BUSINESS ENGLISH(1)	3
38	Undergraduate	Consumer Science	2	Analysis of service market	3
39	Undergraduate	Mechanical Engineering	2	Dynamics	3
40	Undergraduate	Mechanical Engineering	2	MANUFACTURING PROCESSES	3
41	Undergraduate	Mechanical Engineering	2	FLUID MECHANICS(1)	3
42	Undergraduate	Mechanical Engineering	2	Solid Mechanics(2)	3
43	Undergraduate	Mechanical Engineering	3	Heat Transfer	3
44	Undergraduate	Mechanical Engineering	3	Control Engineering	3
45	Undergraduate	Mechanical Engineering	3	Capstone Design I	3
46	Undergraduate	Mechanical Engineering	4	Introduction to Noise Engineering	3
47	Undergraduate	Mechanical Engineering	4	Materials Processing and Behavior	3
48	Undergraduate	Mechanical Engineering	4	SIGNAL PROCESSING	3
49	Undergraduate	Mechanical Engineering(Night)	2	FLUID MECHANICS(1)	3
50	Undergraduate	Mechanical Engineering(Night)	2	Solid Mechanics(2)	3
51	Undergraduate	Mechanical Engineering(Night)	3	Heat Transfer	3
52	Undergraduate	Mechanical Engineering(Night)	3	Capstone Design I	3
53	Undergraduate	Mechanical Engineering(Night)	4	Introduction to Noise Engineering	3
54	Undergraduate	Mechanical Engineering(Night)	4	Materials Processing and Behavior	3
55	Undergraduate	Mechanical Engineering(Night)	4	SIGNAL PROCESSING	3
56	Undergraduate	Mechatronics	1	CALCULUS(2)	3
57	Undergraduate	Mechatronics	1	ENGINEERING MATHEMATICS(1)	3
58	Undergraduate	Mechatronics	1	Dynamics	3
59	Undergraduate	Mechatronics	2	System Dynamics 1	3
60	Undergraduate	Mechatronics	2	Fluid Mechanics 1	3
61	Undergraduate	Mechatronics	2	Digital logic circuit	3
62	Undergraduate	Mechatronics	2	ELECTROMAGNETIC THEORY	3
63	Undergraduate	Mechatronics	2	Thermodynamics 2	3
64	Undergraduate	Mechatronics	2	Mechanics of Materials 2	3
65	Undergraduate	Mechatronics	2	Cell Biotechnology2	3
66	Undergraduate	Mechatronics	2	MECHANICAL VIBRATIONS	3
67	Undergraduate	Mechatronics	3	Robotics	3
68	Undergraduate	Mechatronics	3	Biomedical engineering experiment	2
69	Undergraduate	Mechatronics	3	Finite Element Method	3



No.	Degree Program	Major	Year	Course Name (English)	Credits
70	Undergraduate	Mechatronics	3	Material Engineering	3
71	Undergraduate	Mechatronics	3	Principles of Dynamic Control System 2	3
72	Undergraduate	Mechatronics	3	ELECTRONIC CIRCUITS	3
73	Undergraduate	Electrical Engineering	2	ENERGY CONVERSION TO ELECTRIC POWER	3
74	Undergraduate	Electrical Engineering	3	ELECTRICAL SEMICONDUCTOR ENGINEERING	3
75	Undergraduate	Electrical Engineering	4	Sensor Engineering	3
76	Undergraduate	Electrical Engineering	4	Nanotechnology and Energy Applications	3
77	Undergraduate	Electronics Engineering	1	COMPUTER PROGRAMMING	3
78	Undergraduate	Electronics Engineering	2	PHYSICAL ELECTRONICS	3
79	Undergraduate	Electronics Engineering	2	CIRCUITS THEORY	3
80	Undergraduate	Electronics Engineering	4	Big Data Engineering	3
81	Undergraduate	Electronics Engineering(Night)	1	COMPUTER PROGRAMMING	3
82	Undergraduate	Electronics Engineering(Night)	3	ELECTRONIC CIRCUIT DESIGN	3
83	Undergraduate	Industrial and Management Engineering	2	PROGRAMMING LANGUAGE	3
84	Undergraduate	Safety Engineering	2	STRUCTURE ANALYSIS ENGINEERING	3
85	Undergraduate	Safety Engineering	2	Introduction to Nuclear Engineering	3
86	Undergraduate	Safety Engineering	3	CAPSTONE DESIGN	3
87	Undergraduate	Safety Engineering	3	NUCLEAR POWER SAFETY ENGINEERING	3
88	Undergraduate	Safety Engineering	3	Practice of Disaster prevention plan	3
89	Undergraduate	Safety Engineering	3	CONSTRUCTION SAFETY ENGINEERING	3
90	Undergraduate	Safety Engineering	4	Construction Engineering and Management	3
91	Undergraduate	Materials Science and Engineering	1	Practical applications of computer for engineers	1
92	Undergraduate	Materials Science and Engineering	2	MODERN PHYSICS	3
93	Undergraduate	Materials Science and Engineering	2	INTRODUCTION TO METALLURGY	3
94	Undergraduate	Materials Science and Engineering	3	Basic Electrochemistry	3
95	Undergraduate	Materials Science and Engineering	3	Computational Materials Science	3
96	Undergraduate	Materials Science and Engineering	3	NANOPROCESSING	3
97	Undergraduate	Materials Science and Engineering	4	Hydrogen Fuel Cell Engineering	3
98	Undergraduate	Information & Telecommunication	2	NETWORK THEORY	3
99	Undergraduate	Information & Telecommunication	2	SIGNAL AND SYSTEM	3
100	Undergraduate	Information & Telecommunication	3	Communication Engineering Lab	2
101	Undergraduate	Information & Telecommunication	4	Optical communication system engineering	3
102	Undergraduate	Information & Telecommunication	4	ANTENNA ENGINEERING	3
103	Undergraduate	Embedded Systems Engineering	4	Internet of Things	3
104	Undergraduate	Business Administration	1	Principles of Economics	3
105	Undergraduate	Business Administration	1	Operations Research	3
106	Undergraduate	Business Administration	2	INTERNATIONAL MANAGEMENT	3
107	Undergraduate	Business Administration	2	FINANCIAL MANAGEMENT	3
108	Undergraduate	Business Administration	2	CONSUMER BEHAVIOR ANALYSIS	3
109	Undergraduate	Business Administration	3	INTERNATIONAL MARKETING	3
110	Undergraduate	Business Administration	3	SERVICE OPERATIONS MANAGEMENT	3
111	Undergraduate	Business Administration	4	Tourism Management and Administration	3
112	Undergraduate	Tax & Accounting	1	Principles of Economics	3
113	Undergraduate	Western Painting & Design	2	Contemporary Art Seminar	2
114	Undergraduate	Design	1	Design Culture and History	3
115	Undergraduate	Design	3	Capstone Design	2
116	Undergraduate	Design	4	Convergence Visual Design	2
117	Undergraduate	Design	4	Convergence Image Design	2
118	Undergraduate	Design	4	Convergence Product Design	2
119	Undergraduate	Design	4	Convergence Media Design	2
120	Undergraduate	Design	4	Convergence Industrial Design	2
121	Undergraduate	English Education	1	English education using Media English	3
122	Undergraduate	English Education	1	English Vocabulary Teaching Methods 2	3
123	Undergraduate	English Education	2	Multimedia English Education	3
124	Undergraduate	English Education	2	English Teaching using Drama	2
125	Undergraduate	Physical Education	2	Method of Teaching Basketball	1
126	Undergraduate	Ethics Education	1	Korean Culture and Ethics	3
127	Undergraduate	Urban Policy & Administration	1	Urban Information System	3
128	Undergraduate	Urban Policy & Administration	2	Urban Planning	3
129	Undergraduate	Urban Policy & Administration	2	GIS and spatial data analysis	3
130	Undergraduate	Urban Policy & Administration	2	Introduction to Smart City	3
131	Undergraduate	Urban Policy & Administration	4	Research on Urban Planning History	3
132	Undergraduate	Architectural Engineering	2	STRUCTURAL MECHANICS (2)	3
133	Undergraduate	Architectural Engineering	2	ENVIRONMENTAL PLANNING IN ARCHITECTURE(2)	3
134	Undergraduate	Architectural Engineering	3	Construction Management	3
135	Undergraduate	Architectural Engineering	3	BUILDING EQUIPMENT(2)	3
136	Undergraduate	Architectural Engineering	3	Construction Cost Estimating Practice	3
137	Undergraduate	Architectural Engineering	4	Construction Planning and Development	3
138	Undergraduate	Urban Construction Engineering	2	Digital Architecture1	3

English Course List (2021 Fall)



No.	Degree Program	Major	Year	Course Name (English)	Credits
139	Undergraduate	Urban Construction Engineering	3	Design Studio4	5
140	Undergraduate	Civil & Environmental Engineering	2	MECHANICS OF MATERIALS	3
141	Undergraduate	Civil & Environmental Engineering	3	Climate Change Engineering	3
142	Undergraduate	Civil & Environmental Engineering	3	STRUCTURAL MECHANICS(2)	2
143	Undergraduate	Civil & Environmental Engineering	3	DESIGN OF STEEL STRUCTURES	3
144	Undergraduate	Civil & Environmental Engineering	3	ENVIRONMENTAL HYDRAULICS	3
145	Undergraduate	Civil & Environmental Engineering	4	CAPSTONE DESIGN	3
146	Undergraduate	Civil & Environmental Engineering	4	CAPSTONE DESIGN	3
147	Undergraduate	Life Science	2	ANIMAL PHYSIOLOGY	3
148	Undergraduate	Life Science	3	Ecology	3
149	Undergraduate	Molecular and Medical Science	3	Protein Engineering	3
150	Undergraduate	Molecular and Medical Science	3	Molecular Basis of Disease	3
151	Undergraduate	Molecular and Medical Science	4	Epigenomics/Epigenetics	3
152	Undergraduate	Biological Sciences	4	Metabolic Engineering	3
153	Undergraduate	Biological Sciences	4	Biomaterials and Tissue Engineering	3
154	Undergraduate	Nano-Bioengineering	2	Physical Chemistry	3
155	Undergraduate	Nano-Bioengineering	2	Biomedical Engineering	3
156	Undergraduate	Nano-Bioengineering	2	Applied Microbiology	3
157	Undergraduate	Nano-Bioengineering	3	Bio MEMS	3
158	Undergraduate	Nano-Bioengineering	3	IMMUNOLOGY	3
159	Undergraduate	Nano-Bioengineering	4	Nano Films Engineering	3
160	Undergraduate	Nano-Bioengineering	4	BIOMECHANICS	3
161	Undergraduate	School of Northeast Asian Studies	All	RISE	3
162	Undergraduate	School of Northeast Asian Studies	All	RISE	3
163	Undergraduate	School of Northeast Asian Studies	1	ELEMENTARY ENGLISH	2
164	Undergraduate	School of Northeast Asian Studies	1	MICROECONOMICS	3
165	Undergraduate	School of Northeast Asian Studies	1	ENGLISH READING AND WRITING(1)	2
166	Undergraduate	School of Northeast Asian Studies	3	THEORY OF INTERNATIONAL FINANCE	3
167	Undergraduate	School of Northeast Asian Studies	3	KOREA-U.S. ECONOMIC RELATIONS	3
168	Undergraduate	School of Northeast Asian Studies	4	SEMINAR ON U.S. ECONOMY	3
169	Undergraduate	Korean trade and Commerce	1	Self - Design Seminar II	1
170	Undergraduate	Korean trade and Commerce	1	INTRODUCTORY ECONOMICS 2	3
171	Undergraduate	Korean trade and Commerce	1	STATISTICS FOR ECONOMICS	3
172	Undergraduate	Korean trade and Commerce	2	KOREAN ECONOMY	3
173	Undergraduate	Korean trade and Commerce	3	History of Korean Economy	3
174	Undergraduate	Korean trade and Commerce	3	Special Topics on Financial Economics	3
175	Undergraduate	Korean trade and Commerce	3	INTERNATIONAL BUSINESS	3
176	Undergraduate	Korean trade and Commerce	4	SPECIAL TOPICS ON KOREAN ECONOMY	3
177	Undergraduate	Liberal Arts	All	Introduction to Global Business	3
178	Undergraduate	Liberal Arts	All	BASKETBALL	1
179	Undergraduate	Liberal Arts	All	New Waves of Korean Culture	3
180	Undergraduate	Liberal Arts	All	Global Environment and Public Problems	3
181	Undergraduate	Liberal Arts	All	Understanding Korean society through current news	3
182	Undergraduate	Liberal Arts	All	Language and Culture	3
183	Undergraduate	Liberal Arts	All	Principles of Sociology	3
184	Undergraduate	Liberal Arts	All	Running and Health	1
185	Undergraduate	Liberal Arts	All	Comparative Understanding of China Japan Korea	3
186	Undergraduate	Liberal Arts	All	Design studio 2 - cooperative project	3
187	Undergraduate	Liberal Arts	All	Design, society and environment	3
188	Undergraduate	Liberal Arts	All	Cosmetic Merchandising & Marketing	3
189	Undergraduate	Liberal Arts	2	Beauty Coordination	3
1	Graduate	English Language & Literature	All	Applied Linguistics	3
2	Graduate	English Language & Literature	All	Studies in 19th Century English Novel	3
3	Graduate	English Language & Literature	All	Special Topic in English Literature II	3
4	Graduate	English Language & Literature	All	Thesis Research(English Language and literature)	3
5	Graduate	Public Administration	All	Seminars on Environmental Policy	3
6	Graduate	Public Administration	All	Civil Society & Non Government Organization	3
7	Graduate	Urbay Policy & Administration	All	Urban Development Theory	3
8	Graduate	Urbay Policy & Administration	All	Reserch Methods for Urban Studies	3
9	Graduate	Business Administration	All	Financial Management Theory	3
10	Graduate	Business Administration	All	Consumer Behavior	3
11	Graduate	Physics	All	Solid State Physics	3
12	Graduate	Physics	All	Special Topics in Solid State Physics(II)	3
13	Graduate	Chemistry	All	Advanced Organic Chemistry	3
14	Graduate	Marine Science	All	Biotechnological applications of macro- and micro-algae	3
15	Graduate	Mechanical Engineering	All	Continuum Mechanics	3
16	Graduate	Mechanical Engineering	All	Advanced Materials of Machines	3
17	Graduate	Mechanical Engineering	All	Advanced Statistical Thermodynamics	3
18	Graduate	Mechanical Engineering	All	Application of MEMS Technology	3

English Course List (2021 Fall)



No.	Degree Program	Major	Year	Course Name (English)	Credits
19	Graduate	Mechanical Engineering	All	Particle and Aerosol Engineering	3
20	Graduate	Electrical Engineering	All	Numerical Linear Algebra	3
21	Graduate	Electrical Engineering	All	Electrical Circuit Engineering	3
22	Graduate	Electrical Engineering	All	Semiconductor materials for electrical engineering	3
23	Graduate	Electrical Engineering	All	Renewable Energy System Seminar	3
24	Graduate	Electronics Engineering	All	CMOS VLSI Circuit Design	3
25	Graduate	Industrial and Management Engineering	All	Adaptive Optimization	3
26	Graduate	Industrial and Management Engineering	All	Multivariate statistics and its applications	3
27	Graduate	Materials Science and Engineering	All	Thesis Research(Advanced Materials Science & Engineering)	3
28	Graduate	Materials Science and Engineering	All	Solar Cell	3
29	Graduate	Materials Science and Engineering	All	Special Topics in Thin Film Physics	3
30	Graduate	Materials Science and Engineering	All	Electronic Packaging	3
31	Graduate	Safety Engineering	All	Egress performance assessment	3
32	Graduate	Safety Engineering	All	Nuclear Safety Analysis 2	3
33	Graduate	Information & Telecommunication	All	ElectroMagnetic Interference	3
34	Graduate	Civil & Environmental Engineering	All	Studies in Street and Highway Systems Management	3
35	Graduate	Civil & Environmental Engineering	All	Analysis and Design of Bridges	3
36	Graduate	Civil & Environmental Engineering	All	Theoretical Soil Mechanics	3
37	Graduate	Civil & Environmental Engineering	All	Critical Structure Engineering 3	3
38	Graduate	Civil & Environmental Engineering	All	Hydraulic Engineering Seminar	3
39	Graduate	Environmental Energy Engineering	All	Advanced Environmental Engineering I	3
40	Graduate	Architecture	All	Advanced Application of Architectural Information 3	3
41	Graduate	Architecture	All	Construction Technology Management	3
42	Graduate	Department of Bioengineering and Nano-Bioengineering	All	Advanced BioMEMS	3
43	Graduate	Department of Bioengineering and Nano-Bioengineering	All	Advanced Nucleic Acid Nanoengineering	3
44	Graduate	English Education	All	English Conversation	2
45	Graduate	English Education	All	English Composition	2

English Course List

for Incoming Exchange Students

(2022 Spring Semester)





No.	Degree Program	Major	Year	Course Name (English)	Credits
1	Undergraduate	Dept. of English Language & Literature	ALL	RISE	3
2	Undergraduate	Dept. of English Language & Literature	1	ENGLISH CONVERSATION(1)	1
3	Undergraduate	Dept. of English Language & Literature	1	Foundations of English Literature	3
4	Undergraduate	Dept. of English Language & Literature	2	ENGLISH CONVERSATION(3)	1
5	Undergraduate	Dept. of English Language & Literature	2	ENGLISH COMPOSITION2	1
6	Undergraduate	Dept. of English Language & Literature	2	INTRODUCTORY ENGLISH LIGUISTICS	3
7	Undergraduate	Dept. of English Language & Literature	3	INTERMEDIATE ENGLISH CONVERSATION(1)	1
8	Undergraduate	Dept. of English Language & Literature	3	History of English Literature	3
9	Undergraduate	Dept. of English Language & Literature	4	PRACTICAL ENGLISH COMPOSITION	2
10	Undergraduate	Dept. of English Language & Literature	4	ENGLISH SPEECH &DEBATE	2
11	Undergraduate	Dept. of Fashion Industry	1	UNDERSTANDING TEXTILES(1)	3
12	Undergraduate	Dept. of Fashion Industry	3	Fashion Communications	3
13	Undergraduate	Dept. of Fashion Industry	4	HIGH -TECH FIBERS AND NEW TECHNOLOGY	3
14	Undergraduate	Dept. of Literature and Information	3	Information Sources for Children and Young Adult	3
15	Undergraduate	Dept. of Literature and Information	4	User Interface	3
16	Undergraduate	Dept. of Creative Human Resources Development	1	Theories of Human Resource Development	3
17	Undergraduate	Dept. of Public Administration	1	UNDERSTANDING OF PUBLIC ADMINISTRATION	3
18	Undergraduate	Dept. of Public Administration	2	PUBLIC ORGANIZATIONS	3
19	Undergraduate	Dept. of Public Administration	2	Administration and Politics	3
20	Undergraduate	Dept. of Public Administration	2	HISTORY OF PUBLIC ADMINISTRATION	3
21	Undergraduate	Dept. of Public Administration	2	HUMAN RELATIONS IN GOVERNMENT	3
22	Undergraduate	Dept. of Public Administration	3	COMPARATIVE ADMINISTRATION LAW	3
23	Undergraduate	Dept. of Public Administration	3	English Readings & Discussions	3
24	Undergraduate	Dept. of Public Administration	4	REGIONAL DEVELOPMENT ADMINISTRATION	3
25	Undergraduate	Department of Political Science and Diplomacy	2	THEORIES OF INTERNATIONAL RELATIONS	3
26	Undergraduate	Department of Political Science and Diplomacy	3	American Political Economy	3
27	Undergraduate	Department of Political Science and Diplomacy	3	STUDIES ON INTERNATIONAL SECURITY	3
28	Undergraduate	Division of International Trade	1	PRINCIPLES OF MANAGEMENT	3
29	Undergraduate	Dept. of Consumer & Child Studies	1	CUSTOMER SERVICE	3
30	Undergraduate	Dep. of Mechanical Engineering	1	CALCULUS(1)	3
31	Undergraduate	Dep. of Mechanical Engineering	2	SOLID MECHANICS(1)	3
32	Undergraduate	Dep. of Mechanical Engineering	2	ENGINEERING THERMODYNAMICS 1	3
33	Undergraduate	Dep. of Mechanical Engineering	2	ENGINEERING MATERIALS	3
34	Undergraduate	Dep. of Mechanical Engineering	2	ELECTRICAL AND ELECTRONIC ENGINEERING	3
35	Undergraduate	Dep. of Mechanical Engineering	3	MECHANICAL VIBRATIONS	3
36	Undergraduate	Dep. of Mechanical Engineering	3	Advanced Precision Machining	3
37	Undergraduate	Dep. of Mechanical Engineering	3	FLUID MECHANICS(2)	3
38	Undergraduate	Dep. of Mechanical Engineering	4	Robotics	3
39	Undergraduate	Dep. of Mechanical Engineering	4	Introduction: MicroElectroMechanical Systems	3
40	Undergraduate	Dep. of Mechanical Engineering	4	Capstone Design 2	3
41	Undergraduate	Dep. of Mechanical Engineering(Night)	2	ENGINEERING MATERIALS	3
42	Undergraduate	Dep. of Mechanical Engineering(Night)	3	Advanced Precision Machining	3
43	Undergraduate	Dep. of Mechanical Engineering(Night)	4	Robotics	3
44	Undergraduate	Dep. of Mechanical Engineering(Night)	4	Introduction: MicroElectroMechanical Systems	3
45	Undergraduate	Dep. of Mechanical Engineering(Night)	4	Mechanical Engineering Design	3
46	Undergraduate	Dept. of Mechatronics	1	CALCULUS(1)	3
47	Undergraduate	Dept. of Mechatronics	1	Statics	3
48	Undergraduate	Dept. of Mechatronics	2	MECHANICS OF MATERIALS 1	3
49	Undergraduate	Dept. of Mechatronics	2	THERMODYNAMICS 1	3
50	Undergraduate	Dept. of Mechatronics	2	Principles of Electrical Engineering	3
51	Undergraduate	Dept. of Mechatronics	2	Dynamics2	3
52	Undergraduate	Dept. of Mechatronics	2	Cell Biotechnology1	3
53	Undergraduate	Dept. of Mechatronics	3	Automatic Control 1	3
54	Undergraduate	Dept. of Mechatronics	3	SIGNALS AND SYSTEMS	3
55	Undergraduate	Dep. of Electrical Engineering	3	Physics of Electrical Engineering	3
56	Undergraduate	Dep. of Electrical Engineering	4	OPTO-ELECTRIC ENERGY APPLICATION ENGINEERING	3
57	Undergraduate	Dep. of Electrical Engineering	2	Introduction to smart systems	3
58	Undergraduate	Dep. of Electrical Engineering	2	PROGRAMMING LANGUAGE	3
59	Undergraduate	Dep. of Electrical Engineering	3	SEMICONDUCTOR DEVICES	3
60	Undergraduate	Dep. of Electrical Engineering	4	EMBEDDED SYSTEM DESIGN	3
61	Undergraduate	Dep. of Electrical Engineering(Night)	2	Introduction to smart systems	3
62	Undergraduate	Dep. of Electrical Engineering(Night)	2	PROGRAMMING LANGUAGE	3
63	Undergraduate	Dep. of Electrical Engineering(Night)	3	SEMICONDUCTOR DEVICES	3
64	Undergraduate	Dept. of industrial and management engineering	3	Artificial Intelligence	3
65	Undergraduate	Dep. of Safety Engineering	2	SOIL MECHANICS	3
66	Undergraduate	Dep. of Safety Engineering	3	Fire propagation venture practice	3
67	Undergraduate	Dep. of Safety Engineering	3	CONSTRUCTION MATERIALS	3
68	Undergraduate	Dep. of Safety Engineering	4	Construction Safety Relation Raw	3
69	Undergraduate	Dept. of Materials Science	2	Mathematics for Materials Science and Engineering	3
70	Undergraduate	Dept. of Materials Science	3	Electronic Materials	3
71	Undergraduate	Dept. of Materials Science	4	Materials Thermodynamics	3
72	Undergraduate	Dept. of Energy and Chemical Engineering	3	Fundamental Experiment for Energy and Chemical Engineering	2



No.	Degree Program	Major	Year	Course Name (English)	Credits
73	Undergraduate	Dept. of Energy and Chemical Engineering	4	Experiment for Energy Conversion and Storage	2
74	Undergraduate	Dept. of Information and Telecommunication Engineering	2	COMPUTER ARCHITECTURE	3
75	Undergraduate	Dept. of Information and Telecommunication Engineering	2	LOGIC CIRCUITE LABORATORY	2
76	Undergraduate	Dept. of Information and Telecommunication Engineering	3	ELECTRONIC CIRCUIT	3
77	Undergraduate	Dept. of Information and Telecommunication Engineering	4	NUMERICAL ANALYSIS	3
78	Undergraduate	Business Administration	1	PRINCIPLES OF MANAGEMENT	3
79	Undergraduate	Business Administration	2	PRINCIPLES OF MARKETING	3
80	Undergraduate	Business Administration	3	Corporate Finance	3
81	Undergraduate	Business Administration	3	INTERNET MARKETING	3
82	Undergraduate	Business Administration	4	BUSINESS ANALYSIS	3
83	Undergraduate	Tax & Accounting	1	Principles of Management	3
84	Undergraduate	Tax & Accounting	3	Advanced Managerial Accounting	3
85	Undergraduate	School of Fine Arts	2	Contemporary Art Seminar1	2
86	Undergraduate	DIVISION OF DESIGN	4	Visual Communication Design Project	2
87	Undergraduate	DIVISION OF DESIGN	4	Media Design Project	2
88	Undergraduate	DIVISION OF DESIGN	4	Product Design Project	2
89	Undergraduate	DIVISION OF DESIGN	4	Image Design Project	2
90	Undergraduate	DIVISION OF DESIGN	4	Brand Design Project	2
91	Undergraduate	DIVISION OF DESIGN	4	Industrial Design Project	2
92	Undergraduate	Dept. of English Language Education	1	ENGLISH CONVERSATION	3
93	Undergraduate	Dept. of English Language Education	1	Basic Composition	3
94	Undergraduate	Dept. of English Language Education	1	English Vocabulary Teaching Methods I	3
95	Undergraduate	Dept. of English Language Education	2	American History An Introductory Course	3
96	Undergraduate	Dept. of Urban Policy and Administration	2	Introduction to Urban Studies	3
97	Undergraduate	Dept. of Urban Policy and Administration	2	Urban Environment Policy	3
98	Undergraduate	Dept. of Urban Policy and Administration	3	Quantitative research methods for public administration	3
99	Undergraduate	Dept. of Urban Policy and Administration	3	Urban Transport Planning	3
100	Undergraduate	Dept. of Urban Policy and Administration	4	Data Science for Urban Scientists	3
101	Undergraduate	Division of Architecture	2	BUILDING MATERIALS	3
102	Undergraduate	Division of Architecture	3	BIM-based construction information management	3
103	Undergraduate	Division of Architecture	3	STRUCTURAL EXPERIMENT(1)	3
104	Undergraduate	Division of Architecture	4	Future City Construction Management	3
105	Undergraduate	Division of Architecture and Urban Design	3	Design Studio3	5
106	Undergraduate	Dept. of Civil and Environmental Engineering	3	STRUCTURAL MECHANICS(1)	2
107	Undergraduate	Dept. of Civil and Environmental Engineering	4	HYDRO INFORMATICS	3
108	Undergraduate	Dept. of Civil and Environmental Engineering	4	BRIDGE ENGINEERING	3
109	Undergraduate	Dept. of Environmental Engineering	2	Introduction to Air Pollution	3
110	Undergraduate	Dept. of Biological Sciences	1	Biology foundation(1)	3
111	Undergraduate	Major of Biological Sciences	4	Neurobiology	3
112	Undergraduate	Major of molecular and medical science	2	MICROBIOLOGY	3
113	Undergraduate	Major of molecular and medical science	3	Introduction to Bioinformatics	3
114	Undergraduate	Major of molecular and medical science	3	GENETICS	3
115	Undergraduate	Dept. of Bioengineering	1	GENERAL CHEMISTRY(1)	2
116	Undergraduate	Dept. of Bioengineering	1	GENERAL CHEMISTRY(1)	2
117	Undergraduate	Major of Bioengineering	3	MOLECULAR BIOLOGY	3
118	Undergraduate	Major of Bioengineering	4	Undergraduate research dissertation	3
119	Undergraduate	Major of Bioengineering	4	GENOMICS	3
120	Undergraduate	Major of Nano-Bioengineering	2	MOLECULAR BIOLOGY	3
121	Undergraduate	Major of Nano-Bioengineering	3	Nano-device Engineering	3
122	Undergraduate	Major of Nano-Bioengineering	3	Brain Engineering	3
123	Undergraduate	Major of Nano-Bioengineering	3	Biological Tissue Engineering	3
124	Undergraduate	Major of Nano-Bioengineering	4	Bioimaging Engineering	3
125	Undergraduate	School of Northeast Asian Studies	ALL	RISE	3
126	Undergraduate	School of Northeast Asian Studies	1	Introduction to Northeast Asia and Economics	3
127	Undergraduate	School of Northeast Asian Studies	1	PRINCIPLES OF ECONOMICS	3
128	Undergraduate	School of Northeast Asian Studies	2	Intermediate Reading in Russian Economy	3
129	Undergraduate	School of Northeast Asian Studies	2	MACROECONOMICS	3
130	Undergraduate	School of Northeast Asian Studies	2	THEORY OF INTERNATIONAL TRADE	3
131	Undergraduate	School of Northeast Asian Studies	2	RUSSIAN ECONOMICS	3
132	Undergraduate	School of Northeast Asian Studies	2	THE U. S. ECONOMICS	3
133	Undergraduate	School of Northeast Asian Studies	2	INTERMEDIATE ENGLISH	2
134	Undergraduate	School of Northeast Asian Studies	2	ENGLISH READING AND WRITING(2)	2
135	Undergraduate	School of Northeast Asian Studies	4	Northeast Asian Economic Integration	3
136	Undergraduate	School of Northeast Asian Studies	4	SPECIAL TOPICS ON U.S. ECONOMY	3
137	Undergraduate	Korean Trade and Commerce	1	Self - Design Seminar I	1
138	Undergraduate	Korean Trade and Commerce	1	INTRODUCTORY ECONOMICS 1	3
139	Undergraduate	Korean Trade and Commerce	1	Mathematical Minimum for Quantitative Analysis	3
140	Undergraduate	Korean Trade and Commerce	2	Econometric Analysis 1	3
141	Undergraduate	Korean Trade and Commerce	3	INTERNATIONAL COMMERCE OF KOREA	3
142	Undergraduate	Korean Trade and Commerce	4	Seminar on Korean Economy	3
143	Undergraduate	Liberal Arts	ALL	Introductory College Writing	3
144	Undergraduate	Liberal Arts	ALL	TENNIS	1



No.	Degree Program	Major	Year	Course Name (English)	Credits
145	Undergraduate	Liberal Arts	ALL	Public Issues and Controversies	3
146	Undergraduate	Liberal Arts	ALL	New Waves of Korean Culture	3
147	Undergraduate	Liberal Arts	ALL	Language and Culture	3
148	Undergraduate	Liberal Arts	ALL	Principles of Sociology	3
149	Undergraduate	Liberal Arts	ALL	Running and Health	1
150	Undergraduate	Liberal Arts	ALL	Comparative Understanding of China Japan Korea	3
151	Undergraduate	Liberal Arts	ALL	Practical experience in Mice Sports and Tourism	3
152	Undergraduate	Liberal Arts	ALL	Accounting in Hospitality and Tourism	3
153	Undergraduate	Liberal Arts	ALL	Introduction to International Development and Cooperation	3
154	Undergraduate	Liberal Arts	ALL	Design and innovation	3
155	Undergraduate	Liberal Arts	ALL	Design studio 1 - experimental design	3
156	Undergraduate	Liberal Arts	ALL	Cosmetic Ingredients and Formulas	3
157	Undergraduate	Liberal Arts	3	Hair Science	3
158	Undergraduate	Liberal Arts	3	Understanding Beauty Industry	3
1	Graduate	English Language & Literature	ALL	Topics in Semantics	3
2	Graduate	Public Administration	ALL	Research Methods for Social Sciences	3
3	Graduate	Public Administration	ALL	Comparative Public Administration	3
4	Graduate	Public Administration	ALL	REGIONAL DEVELOPMENT ADMINISTRATION	3
5	Graduate	Public Administration	ALL	English Readings & Discussions	3
6	Graduate	Urban Policy & Administration	ALL	Urban Information Management Theory	3
7	Graduate	International Politics	ALL	Studies on Modern European Politics	3
8	Graduate	Urban Planning Policy	ALL	Thesis Research(Urban Planning and Policy)	3
9	Graduate	Physics	ALL	Quantum Mechanics	3
10	Graduate	Chemistry	ALL	Advanced Polymer Chemistry	3
11	Graduate	Marine Science	ALL	Marine Environmental Ecology & Toxicology	3
12	Graduate	Marine Science	ALL	Advanced Marine Omics	3
13	Graduate	Marine Science	ALL	Metabolomic approach in blue carbon resources	3
14	Graduate	Marine Science	ALL	Cultivation of blue carbon biomass	3
15	Graduate	Mechanical Engineering	ALL	Mechanical Engineering multidisciplinary seminar 1	1
16	Graduate	Mechanical Engineering	ALL	Applied Mathematics	3
17	Graduate	Mechanical Engineering	ALL	Advanced Welding Engineering	3
18	Graduate	Mechanical Engineering	ALL	Advanced Material Science	3
19	Graduate	Mechanical Engineering	ALL	Electrochemistry I	3
20	Graduate	Mechanical Engineering	ALL	Introduction to MEMS	3
21	Graduate	Electrical Engineering	ALL	Physics of Electrical Engineering	3
22	Graduate	Electrical Engineering	ALL	OPTO-ELECTRIC ENERGY APPLICATION ENGINEERING	3
23	Graduate	Electronics Engineering	ALL	Topics in Low Dimensional Materials and Devices	3
24	Graduate	Industrial and Management Engineering	ALL	Multiple Criteria Decision Making	3
25	Graduate	Industrial and Management Engineering	ALL	Manufacturing Big Data Analysis	3
26	Graduate	Industrial and Management Engineering	ALL	Artificial Intelligence	3
27	Graduate	Materials Science and Engineering	ALL	Special topics on energy materials	3
28	Graduate	Materials Science and Engineering	ALL	Advanced Phase Equilibria	3
29	Graduate	Safety Engineering	ALL	Advanced Construction Safety	3
30	Graduate	Energy & Chemistry Engineering	ALL	Advanced Transport Phenomena	3
31	Graduate	Information & Telecommunication	ALL	Principles of Optical Techniques for Information Security	3
32	Graduate	Information & Telecommunication	ALL	Structural Dynamics	3
33	Graduate	Civil & Environmental Engineering	ALL	Theory on Reinforced Concrete Structures	3
34	Graduate	Civil & Environmental Engineering	ALL	Advanced Fluid Mechanics and Hydrodynamics	3
35	Graduate	Civil & Environmental Engineering	ALL	Studies of Hydraulic Engineering	3
36	Graduate	Civil & Environmental Engineering	ALL	Water Treatment Engineering	3
37	Graduate	Civil & Environmental Engineering	ALL	Critical Structure Engineering 2	3
38	Graduate	Civil & Environmental Engineering	ALL	Geotechnical Engineering Seminar	3
39	Graduate	Environmental Energy Engineering	ALL	Atmospheric Environment Engineering Seminar	3
40	Graduate	Architecture	ALL	Advanced Structural Materials	3
41	Graduate	Architecture	ALL	Advanced Disaster Prevention Engineering	3
42	Graduate	Architecture	ALL	Building Cost Planning	3
43	Graduate	Mechatronics Engineering.	ALL	Mechanics and Control of Robots	3
44	Graduate	Mechatronics Engineering.	ALL	Biomaterial and Tissue Engineering	3
45	Graduate	Climate international cooperation	ALL	Understanding of local climate issues	3
46	Graduate	Department of Bioengineeringand Nano-Bioengineering	ALL	Advanced Nano-electronic Materials	3
47	Graduate	Department of Bioengineeringand Nano-Bioengineering	ALL	Advanced Tissue Engineering	3
48	Graduate	Department of Bioengineeringand Nano-Bioengineering	ALL	Bioimaging Engineering	3
49	Graduate	Department of Bioengineeringand Nano-Bioengineering	ALL	GENOMICS	3
50	Graduate	English Education	ALL	English Conversation	2
51	Graduate	None	ALL	General English	2
52	Graduate	Business Management	ALL	Investment	2
53	Graduate	Logistics Management	ALL	Arctic Logistics Seminar I	3
54	Graduate	Logistics Management	ALL	Special theories on port economy	3
55	Graduate	Logistics Management	ALL	International Seminar on Shipping and Logistics	3
56	Graduate	Logistics System	ALL	Basics for Freight Demand Analysis	3
57	Graduate	Logistics System	ALL	International Transport and Logistics	3
58	Graduate	Logistics System	ALL	Logistics Data Analytics	3