

English Course Schedule for 2023

★ Course lists are subject to change due to departmental circumstances.

No.	College	Department	Subject Code	Course Name in Korean	Course Name in English	Fail	Credit
1	College of Engineering	Mechanical Engineering	MEG2076	선형대수	Linear Algebra	○	3
2	College of Engineering	Mechanical Engineering	MEG2221	열역학 2	Thermodynamics 2	○	3
3	College of Engineering	Mechanical Engineering	MEG2250	유체역학 1	Fluid Mechanics 1	○	3
4	College of Engineering	Mechanical Engineering	MEG3077	수치해석	Numerical Analysis	○	3
5	College of Engineering	Mechanical Engineering	MEG3227	열전달	Heat Transfer	○	3
6	College of Engineering	Mechanical Engineering	MEG3266	계측공학	Mechanical Measurement	○	3
7	College of Engineering	Mechanical Engineering	MEG3286	기계공학일반설계 2	General Design of Mechanical Engineering 2	○	3
8	College of Engineering	Mechanical Engineering	MEG4080	기계공학종합설계	Capstone Design in Mechanical Engineering	○	3
9	College of Engineering	Mechanical Engineering	MEG4228	신재생에너지공학	Renewable Energy Technology	○	3
10	College of Engineering	Mechanical Engineering	MEG4254	전산유체공학	Computational Fluids Engineering	○	3
11	College of Engineering	Mechanical Engineering	MEG4267	로봇공학	Robotics	○	3
12	College of Engineering	Mechanical Engineering	MEG3013	전산제도	Computer Aided Drafting	○	3
13	College of Engineering	Naval Architecture & Ocean Engineering	NOE2004	유체역학	Fluid Mechanics	○	3
14	College of Engineering	Naval Architecture & Ocean Engineering	NOE3108	추진론	Propulsion	○	3
15	College of Engineering	Naval Architecture & Ocean Engineering	NOE3306	생산시스템공학	Production System Engineering	○	3
16	College of Engineering	Naval Architecture & Ocean Engineering	NOE4002	조선해양종합설계	Capstone Design in Naval Architecture and Ocean Engineering	○	3
17	College of Engineering	Naval Architecture & Ocean Engineering	NOE4201	조선해양CAE활용	CAE Practices for Marine Structures	○	3
18	College of Engineering	Naval Architecture & Ocean Engineering	NOE4301	기초유한요소해석	Basic theory of finite element analysis	○	3
19	College of Engineering	Naval Architecture & Ocean Engineering	NOE4306	열전달	Heat Transfer	○	3
20	College of Engineering	Naval Architecture & Ocean Engineering	NOE4310	3차원 CAD실습	3D CAD Modeling & Exercise	○	3
21	College of Engineering	Industrial Engineering	IEN2012	원가와 경제성공학	Introduction to cost management and engineering economics	○	3
22	College of Engineering	Industrial Engineering	IEN2203	빅데이터 설계	Big Data Design	○	3
23	College of Engineering	Industrial Engineering	IEN3022	e비즈니스	e-Business(Capstone Design)	○	3
24	College of Engineering	Industrial Engineering	IEN3204	정보검색론	Information Retrieval	○	3
25	College of Engineering	Industrial Engineering	IEN4208	금융공학	Financial Engineering	○	3
26	College of Engineering	Chemical Engineering	CHE4100	화학공학 종합설계	Capstone Design in Chemical Engineering	○	3
27	College of Engineering	Chemical Engineering	CHE4204	촉매공학	Catalyst Engineering	○	3
28	College of Engineering	Chemical Engineering	CHE4307	고분자물성	Physical Properties of Polymers	○	3
29	College of Engineering	Chemical Engineering	CHE3311	바이오소재	Biotechnology	○	3
30	College of Engineering	Biological Engineering	BTE2202	생물이동현상	Transport phenomena for bioengineer	○	3
31	College of Engineering	Biological Engineering	BTE2204	생물공학기초계산	Biochemical Engineering Calculations	○	3
32	College of Engineering	Biological Engineering	BTE2206	생공기분석	Instrumental Analysis in Bioengineering	○	3
33	College of Engineering	Biological Engineering	BTE2207	유기화학 2	Organic Chemistry2	○	3
34	College of Engineering	Biological Engineering	BTE3211	기능성 나노소재 설계 및 바이오이미징	Functional nanomaterials for Bio-imaging	○	3
35	College of Engineering	Biological Engineering	BTE4107	생물공정공학	Bioprocess Engineering	○	3
36	College of Engineering	Biological Engineering	BTE4201	생물공학종합설계	Capstone Design in Biological Engineering	○	3
37	College of Engineering	Biological Engineering	BTE4202	생물분리공학	Bioseparation Engineering	○	3
38	College of Engineering	Biological Engineering	BTE4203	식품생물공학	Food Biotechnology	○	3
39	College of Engineering	Biological Engineering	BTE4209	조직공학	Tissue Engineering	○	3
40	College of Engineering	Materials Science and Engineering	MSE2002	재료과학 2	Materials Science and Engineering 2	○	3
41	College of Engineering	Materials Science and Engineering	MSE2004	물리화학 2	Physical Chemistry 2	○	3
42	College of Engineering	Materials Science and Engineering	MSE3004	상변태론	Phase Transformation	○	3
43	College of Engineering	Materials Science and Engineering	MSE4007	나노물성 및 합성	Nano-Properties and Synthesis	○	3
44	College of Engineering	Materials Science and Engineering	MSE4009	반도체공학	Engineering of Semiconductor Materials	○	3
45	College of Engineering	Materials Science and Engineering	MSE4001	신소재공학종합설계	Capstone Design in Materials Science and Engineering	○	4
46	College of Engineering	Civil Engineering	CV2420	에너지자원	Energy Resources	○	3
47	College of Engineering	Civil Engineering	CV3110	구조해석응용	Advanced Structural Analysis	○	3
48	College of Engineering	Civil Engineering	CV3211	토질역학 및 실험	Soil Mechanics and Lab	○	3
49	College of Engineering	Civil Engineering	CV3220	지반공학 및 실험	Geotechnical Engineering and Lab	○	3
50	College of Engineering	Civil Engineering	CV3340	수공시스템설계	Design of Hydrologic and Hydraulic Systems	○	3
51	College of Engineering	Civil Engineering	CV3430	상하수도공학	Water Supply & Wastewater Eng.	○	3
52	College of Engineering	Civil Engineering	CV4220	암반공학	Rock Engineering	○	3
53	College of Engineering	Environmental Engineering	ENV3108	산업폐수처리	Industrial wastewater treatment Design	○	3
54	College of Engineering	Environmental Engineering	ENV3111	생물학적수처리	Biological Water Treatment	○	3
55	College of Engineering	Department of Energy Resource Engineering	ENR2104	에너지자원경제	Energy Resources Economics	○	3
56	College of Engineering	Department of Energy Resource Engineering	ENR2201	광물과 암석	Minerals and Rocks	○	3
57	College of Engineering	Department of Energy Resource Engineering	ENR2301	석유지질	Petroleum Geology	○	3
58	College of Engineering	Department of Energy Resource Engineering	ENR3201	광상학	Economic Geology	○	3
59	College of Engineering	Department of Energy Resource Engineering	ENR3204	자원개발공학	Mining Engineering	○	3
60	College of Engineering	Department of Energy Resource Engineering	ENR3206	에너지자원환경	Energy Resources Environment	○	3
61	College of Engineering	Department of Energy Resource Engineering	ENR3305	석유가스공학개론	Introduction to Petroleum Engineering	○	3
62	College of Engineering	Department of Energy Resource Engineering	ENR3302	물리검층	Well Logging	○	3
63	College of Engineering	Department of Energy Resource Engineering	ENR3303	시추공학	Drilling engineering	○	3
64	College of Engineering	Department of Energy Resource Engineering	ENR3304	탄성파 탐사	Seismic Exploration	○	3
65	College of Engineering	Department of Energy Resource Engineering	ENR4103	에너지정책	Energy Policy	○	3
66	College of Engineering	Department of Energy Resource Engineering	ENR4203	자원개발종합설계	Capstone Design in Mine	○	3
67	College of Engineering	Department of Energy Resource Engineering	ENR4204	지구화학 및 탐사	Geochemistry and Geochemical Exploration	○	3
68	College of Engineering	Department of Energy Resource Engineering	ENR4205	터널 및 지하공간공학	Tunnel and underground space engineering	○	3
69	College of Engineering	Department of Energy Resource Engineering	ENR4207	지반 및 지하수공학	Geo and Ground Water Engineering	○	3
70	College of Engineering	Department of Energy Resource Engineering	ENR4309	석유생산 및 설비	Petroleum production engineering	○	3
71	College of Engineering	Department of Energy Resource Engineering	ENR4308	비전통자원개발 설계 및 평가	Design and Evaluation of Unconventional Resource Development(Capstone Design)	○	3
72	College of Engineering	Electrical Engineering	EE22002	회로이론 2	Engineering Circuit Analysis 2	○	3
73	College of Engineering	Electrical Engineering	EE23004	전기전자계측	Electrical & Electronic measurements	○	3
74	College of Engineering	Electrical Engineering	EE23102	제어시스템설계	Control System Capstone Design	○	3
75	College of Engineering	Electrical Engineering	EE23206	전자디스플레이	Electronic Display	○	3
76	College of Engineering	Electrical Engineering	EE23325	전력시스템운영 및 제어	Power System Operation and Control	○	3
77	College of Engineering	Electrical Engineering	EE23105	컴퓨터제어	Computer Control(Capstone Design)	○	3
78	College of Engineering	Electronic Engineering	ECE22250	전자회로 1	Electronic Circuits1	○	3
79	College of Engineering	Electronic Engineering	ECE22260	확률변수	Probability and Statistics	○	3
80	College of Engineering	Electronic Engineering	ECE3312	통신시스템	Communication System	○	3
81	College of Engineering	Electronic Engineering	ECE3325	운영체제	Operating System	○	3
82	College of Engineering	Electronic Engineering	ECE3327	데이터베이스	Database	○	3
83	College of Engineering	Electronic Engineering	ECE4401	디지털신호처리개론	Introductory Digital Signal Processing	○	4
84	College of Engineering	Electronic Engineering	ECE4413	이동통신	Mobile Communications	○	3
85	College of Engineering	Electronic Engineering	ECE4415	혼성신호집적회로설계	Mixed-Signal Circuit Design	○	4
86	College of Engineering	Electronic Engineering	ECE4445	임베디드시스템	Embedded System	○	3
87	College of Engineering	Electronic Engineering	ECE4453	기계학습개론	Introduction to Machine Learning	○	3
88	College of Engineering	Information and Communication Engineering	ICE2005	전자회로 1	Electronic Circuits 1	○	3
89	College of Engineering	Information and Communication Engineering	ICE3001	신호및시스템	Signals and Systems	○	3
90	College of Engineering	Information and Communication Engineering	ICE3106	아날로그 집적회로설계	Analog Integrated Circuit Design	○	4
91	College of Engineering	Information and Communication Engineering	ICE3014	오퍼레이팅시스템	Operating System	○	3
92	College of Engineering	Information and Communication Engineering	ICE4020	정보보호론	Information Security	○	3
93	College of Engineering	Information and Communication Engineering	ICE4024	정보통신종합설계	Capstone Design in ICT	○	3
94	College of Engineering	Information and Communication Engineering	ICE4026	정보및무호화이론	Information and Coding Theory	○	3
95	College of Natural Sciences	Physics	PHY3202	수리물리학 2	Mathematical Physics 2	○	3
96	College of Natural Sciences	Physics	PHY3006	상대성이론	Theory of Relativity	○	3
97	College of Natural Sciences	Physics	PHY2230	전산물리학	Computational physics	○	3
98	College of Natural Sciences	Physics	PHY3032	열 및 통계역학 2	Thermodynamics and Statistical Mechanics 2	○	3
99	College of Natural Sciences	Physics	PHY4502	입자물리학	Particle Physics	○	3

100	College of Natural Sciences	Ocean Sciences	OCN2312	해양환경유체역학 및 실험	Environmental Fluid Mechanics for Ocean Science	○	3
101	College of Natural Sciences	Ocean Sciences	OCN2502	해양저서생물학 입문 및 실험	Introduction to Marine Benthology	○	3
102	College of Natural Sciences	Ocean Sciences	OCN3206	연안퇴적역학 및 실험	Coastal Sediment Dynamics and Lab	○	3
103	College of Natural Sciences	Ocean Sciences	OCN3305	해양순환개론	Introduction to Ocean Circulation	○	3
104	College of Natural Sciences	Ocean Sciences	OCN3307	해양수치해석 및 프로그래밍	Numerical analysis and programming for ocean science	○	3
105	College of Natural Sciences	Ocean Sciences	OCN4213	층서학 및 실험	Sequence of strata and Paleo-depositional environments and Lab.	○	3
106	College of Natural Sciences	Ocean Sciences	OCN4308	하구 및 연안물리학	Estuarine and Coastal Hydrodynamics	○	3
107	College of Natural Sciences	Ocean Sciences	OCN4314	문제해결형 해양-AI-모델링	Problem solving AI-Numerical modelling for ocean science	○	3
108	College of Natural Sciences	Ocean Sciences	OCN4407	동위원소지화학	Isotope geochemistry	○	3
109	College of Natural Sciences	Ocean Sciences	OCN4512	해양동물행동학 및 실험	Marine Animal Behavior and Lab.	○	3
110	College of Natural Sciences	Ocean Sciences	OCN4405	연안생지화학	Coastal Biogeochemistry	○	3
111	College of Business Administration	Business Administration	BUS2101	재무관리	Financial Management	○	3
112	College of Business Administration	Business Administration	BUS2201	조직행동	Organizational Behavior	○	3
113	College of Business Administration	Business Administration	BUS2301	재무회계	Financial Accounting	○	3
114	College of Business Administration	Business Administration	BUS2401	오퍼레이션 매니지먼트	Operations Management	○	3
115	College of Business Administration	Business Administration	BUS2501	마케팅 원론	Principles of Marketing	○	3
116	College of Business Administration	Business Administration	BUS3204	인적자원관리	Human Resource Management	○	3
117	College of Business Administration	Business Administration	BUS3406	식스 시그마 품질관리	Six Sigma Quality Management	○	3
118	College of Business Administration	Global Finance and Banking	BUS3103	기업재무론	Corporate Finance	○	3
119	College of Business Administration	Global Finance and Banking	BUS2101	재무관리	Financial Management	○	3
120	College of Business Administration	Asia Pacific School Of Logistics	APL2202	제조물류	Manufacturing Logistics	○	3
121	College of Business Administration	Asia Pacific School Of Logistics	APL304	물류네트워크 분석	Airline Service Management	○	3
122	College of Business Administration	Asia Pacific School Of Logistics	APL306	물류정보시스템	Logistics Information System	○	3
123	College of Business Administration	Asia Pacific School Of Logistics	APL3510	물류투자분석	Cost-Benefit Analysis on Logistics Issues	○	3
124	College of Business Administration	Asia Pacific School Of Logistics	APL4420	글로벌물류혁신세미나	Seminar on Global Logistics Excellence	○	3
125	College of Education	English Language Education	EEG1513	영어교육입문및진로탐색	Introduction to English Education & Career research	○	3
126	College of Education	English Language Education	EEG2602	영문독해연습 2	English Reading Comprehension 2	○	3
127	College of Education	English Language Education	EEG2612	영어교육론	Theories in TEFL	○	3
128	College of Education	English Language Education	EEG2621	영어청해연습 2	English Listening Comprehension 2	○	3
129	College of Education	English Language Education	EEG2642	영문학개론	Introduction to English Literature	○	3
130	College of Education	English Language Education	EEG3346	영어어휘연습	English Vocabulary Practice	○	3
131	College of Education	English Language Education	EEG3705	영어교재연구및지도법	Materials and Methods in TEFL (Capstone Design)	○	3
132	College of Education	English Language Education	EEG4417	영어교육특강	Topics in English Education	○	3
133	College of Education	English Language Education	EEG4431	영어학특강	Topics in English Linguistics	○	3
134	College of Education	English Language Education	EEG2201	중등수업의교과융합적설계	Interdisciplinary Design of SecondarySchool Education	○	2
135	College of Social Sciences	Public Administration	PAD2111	정책과정론	The Public Policy Process:Theory & Practice	○	3
136	College of Social Sciences	Public Administration	PAD2209	정책학원론	Introduction to Public Policy Studies	○	3
137	College of Social Sciences	Public Administration	PAD2214	행정학 원강 1	Reading in Public Administration 1	○	3
138	College of Social Sciences	Public Administration	PAD2218	공공문제해결론	Public Sector Problem-Solving Theories	○	3
139	College of Social Sciences	Public Administration	PAD3211	조직관리와 리더십	Organizational Management and Leadership	○	3
140	College of Social Sciences	Media and Communication	COM1100	커뮤니케이션학개론	Introduction to Communications	○	3
141	College of Social Sciences	Media and Communication	COM2332	Genres in Popular Culture	Genres in Popular Culture	○	3
142	College of Social Sciences	Media and Communication	COM2400	광고학개론	Introduction to Advertising	○	3
143	College of Social Sciences	Media and Communication	COM3212	소셜미디어와 커뮤니케이션	Social Media and Communication	○	3
144	College of Social Sciences	Media and Communication	COM3322	Cultural Studies and Cyberspace	Cultural Studies and Cyberspace	○	3
145	College of Social Sciences	Media and Communication	COM3412	통합마케팅 커뮤니케이션	Integrated Marketing Communication	○	3
146	College of Social Sciences	Media and Communication	COM4332	영화비디오이론	Theories of Film and Vedio	○	3
147	College of Social Sciences	Economics	ECO1102	경제학원론	Principles of Economics2	○	3
148	College of Social Sciences	Economics	ECO2201	미시경제학	Microeconomics	○	3
149	College of Social Sciences	Economics	ECO2202	거시경제학	Macroeconomics	○	3
150	College of Social Sciences	Economics	ECO3387	경제성장론	Economic Growth	○	3
151	College of Social Sciences	Economics	ECO3306	경제문제연구	The Analytic Study for Economic Problems	○	3
152	College of Social Sciences	Economics	ECO3381	경제발전론	Economic Development	○	3
153	College of Humanities	English Language & Literature	ENG1401	영어토론과프레젠테이션	English Discussion & Presentation	○	3
154	College of Humanities	English Language & Literature	ENG3404	고급영어토론과프레젠테이션	Advanced English Discussion & Presentation	○	3
155	College of Humanities	English Language & Literature	ENG1402	영문학개론	Introduction to English Literature	○	3
156	College of Humanities	English Language & Literature	ENG2103	영미단편소설	British & American Short Stories	○	3
157	College of Humanities	English Language & Literature	ENG2105	영미아동청소년문학	Children's & Young Adult Literature in English	○	3
158	College of Humanities	English Language & Literature	ENG2401	표현영어글쓰기	Expressive Writing	○	3
159	College of Humanities	English Language & Literature	ENG2303	기술영어글쓰기	Technical Writing	○	3
160	College of Humanities	English Language & Literature	ENG3402	서구문화원형과 미디어	Cultural Archetypes of the West and Media	○	3
161	College of Humanities	English Language & Literature	ENG3208	사회와 영어	English in Societies	○	3
162	College of Humanities	English Language & Literature	ENG3311	분석영어글쓰기	Analytic Writing	○	3
163	College of Humanities	English Language & Literature	ENG4122	영연방 세계의 이해	Understanding of the British Commonwealth(Capstone Design)	○	3
164	College of Humanities	English Language & Literature	ENG3313	현대영미문화산업	British and American Culture Industry (Capstone Design)	○	3
165	College of Humanities	English Language & Literature	ENG3406	디지털미디어스토리텔링	Digital Media Storytelling	○	3
166	College of Humanities	English Language & Literature	ENG3007	고급영어회화	Advance English conversation	○	3
167	Arts & Sports	Kinesiology	KIN2016	스포츠경영학	Sport Business Administration	○	3
168	Arts & Sports	Kinesiology	KIN3110	특수집단과운동	Special Populations and Exercise	○	3
169	Arts & Sports	Kinesiology	KIN4103	병태생리학	Pathological Physiology	○	3
170	Arts & Sports	Kinesiology	KIN3113	운동손상평가및실습	Evaluation & Practice of Sports Injuries	○	3