## 2021 English Course Schedule

category         Category           1         CC           2         CC           3         CC           4         CC           5         CC           6         CC           7         CC           8         CC           9         CC           11         CC           13         CC           14         CC           15         CC           16         CC           17         CC           20         CC           21         CC	College College of Engineering College of Eng	Department           Department           Mechanical Engineering           Mechanical Engineering	Couse number MEG2076 MEG2101 MEG2120 MEG2160 MEG2221 MEG2250 MEG3077 MEG3151 MEG3165 MEG3185 MEG3227	Korean           선형대수           재료역학 1           열역학 1           동역학 1           역학학 2           유체역학 1           수치해석           유체역학 2           자동제어           기계공학일반설계 1	English Linear Algebra Mechanics of Materials 1 Thermodynamics 1 Dynamics 1 Thermodynamics 2 Fluid Mechanics 1 Numerical Analysis Fluid Mechanics 2 Automatic Control	Spring	Fall O O O O	Credit 3 3 3 3 3 3 3 3 3 3 3 3 2
1         Cc           2         Cc           3         Cc           4         Cc           5         Cc           6         Cc           7         Cc           8         Cc           9         Cc           10         Cc           11         Cc           13         Cc           14         Cc           15         Cc           16         Cc           17         Cc           18         Cc           20         Cc           21         Cc	college of Engineering	Mechanical Engineering	MEG2101 MEG2120 MEG2160 MEG2221 MEG2250 MEG3077 MEG3151 MEG3165 MEG3185	재료역학 1 열역학 1 동역학 1 열역학 2 유체역학 1 수치해석 유체역학 2 자동제어	Linear Algebra Mechanics of Materials 1 Thermodynamics 1 Dynamics 1 Thermodynamics 2 Fluid Mechanics 1 Numerical Analysis Fluid Mechanics 2	0	0	3 3 3 3 3 3 3 3
3         Cc           4         Cc           5         Cc           6         Cc           7         Cc           8         Cc           9         Cc           10         Cc           11         Cc           12         Cc           13         Cc           14         Cc           15         Cc           16         Cc           17         Cc           18         Cc           19         Cc           20         Cc           21         Cc	college of Engineering	Mechanical Engineering	MEG2120 MEG2160 MEG2221 MEG2250 MEG3077 MEG3151 MEG3165 MEG3185	열역학 1 동역학 1 열역학 2 유체역학 1 수치해석 유체역학 2 자동제어	Thermodynamics 1 Dynamics 1 Thermodynamics 2 Fluid Mechanics 1 Numerical Analysis Fluid Mechanics 2	0	0	3 3 3 3 3 3
4         Ccc           5         Ccc           6         Ccc           7         Ccc           8         Ccc           9         Ccc           11         Ccc           12         Ccc           13         Ccc           14         Ccc           15         Ccc           18         Ccc           19         Ccc           20         Ccc           21         Ccc	college of Engineering	Mechanical Engineering	MEG2160 MEG2221 MEG2250 MEG3077 MEG3151 MEG3165 MEG3185	동역학 1 열역학 2 유체역학 1 수치해석 유체역학 2 자동제어	Dynamics 1 Thermodynamics 2 Fluid Mechanics 1 Numerical Analysis Fluid Mechanics 2	0	0	3 3 3 3
5         Cc           6         Cc           7         Cc           8         Cc           9         Cc           10         Cc           11         Cc           12         Cc           13         Cc           14         Cc           15         Cc           18         Cc           19         Cc           20         Cc           21         Cc	college of Engineering	Mechanical Engineering	MEG2221 MEG2250 MEG3077 MEG3151 MEG3165 MEG3185	열역학 2 유체역학 1 수치해석 유체역학 2 자동제어	Thermodynamics 2 Fluid Mechanics 1 Numerical Analysis Fluid Mechanics 2	0	0	3 3 3
6         Cc           7         Cc           8         Cc           9         Cc           10         Cc           11         Cc           12         Cc           13         Cc           14         Cc           15         Cc           18         Cc           19         Cc           20         Cc           21         Cc	college of Engineering	Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering	MEG2250 MEG3077 MEG3151 MEG3165 MEG3185	유체역학 1 수치해석 유체역학 2 자동제어	Fluid Mechanics 1 Numerical Analysis Fluid Mechanics 2		0	3
7         Cc           8         Cc           9         Cc           10         Cc           11         Cc           12         Cc           13         Cc           14         Cc           15         Cc           16         Cc           17         Cc           18         Cc           19         Cc           20         Cc           21         Cc	College of Engineering College of Engineering	Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering	MEG3077 MEG3151 MEG3165 MEG3185	수치해석 유체역학 2 자동제어	Numerical Analysis Fluid Mechanics 2			3
8         Cc           9         Cc           10         Cc           11         Cc           12         Cc           13         Cc           14         Cc           15         Cc           16         Cc           17         Cc           18         Cc           19         Cc           20         Cc           21         Cc	College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering	Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering	MEG3151 MEG3165 MEG3185	유체역학 2 자동제어	Fluid Mechanics 2			-
10         Cc           11         Cc           12         Cc           13         Cc           14         Cc           15         Cc           16         Cc           17         Cc           18         Cc           20         Cc           21         Cc	College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering	Mechanical Engineering Mechanical Engineering Mechanical Engineering	MEG3185		Automatic Control	0		3
11         CC           12         CC           13         CC           14         CC           15         CC           16         CC           17         CC           18         CC           19         CC           20         CC           21         CC	College of Engineering College of Engineering College of Engineering College of Engineering	Mechanical Engineering Mechanical Engineering		기계공학일반설계 1				3
12         Cc           13         Cc           14         Cc           15         Cc           16         Cc           17         Cc           18         Cc           20         Cc           21         Cc	College of Engineering College of Engineering College of Engineering	Mechanical Engineering	MEG3227		General Design of Mechanical Engineering 1	0		3
13         Cc           14         Cc           15         Cc           16         Cc           17         Cc           18         Cc           19         Cc           20         Cc           21         Cc	College of Engineering			열전달	Heat Transfer		0	3
14         Cc           15         Cc           16         Cc           17         Cc           18         Cc           19         Cc           20         Cc           21         Cc	College of Engineering	Mechanical Engineering	MEG3266 MEG3286	계측공학 기계공학일반설계 2	Mechanical Measurement		0	3
15         Cc           16         Cc           17         Cc           18         Cc           19         Cc           20         Cc           21         Cc	5 5 5	Mechanical Engineering	MEG3286 MEG4080	기계공학 할만 될게 2 기계공학종합설계	General Design of Mechanical Engineering 2 Capstone Design in Mechanical Engineering		0	3
16         Cc           17         Cc           18         Cc           19         Cc           20         Cc           21         Cc	College of Engineering	Mechanical Engineering	MEG4228	신재생에너지공학	Renewable Energy Technology		0	3
18         Cc           19         Cc           20         Cc           21         Cc	College of Engineering	Mechanical Engineering	MEG4254	전산유체공학	Computational Fluids Engineering		0	3
19         Cc           20         Cc           21         Cc	College of Engineering	Mechanical Engineering	MEG4267	로봇공학	Robotics		0	3
20 Cc 21 Cc	College of Engineering	Naval Architecture & Ocean Engineering	NOE1011	조선해양공학개론	Int. to Naval Architecture & Ocean Eng	0		3
21 Cc	College of Engineering	Naval Architecture & Ocean Engineering	NOE2004	유체역학	Fluid Mechanics		0	3
	College of Engineering	Naval Architecture & Ocean Engineering Naval Architecture & Ocean Engineering	NOE3101 NOE3108	저항론 추진론	Resistance Propulsion	0	0	3
22 Cc	College of Engineering	Naval Architecture & Ocean Engineering	NOE3306	생산시스템공학	Production System Engineering		0	3
	College of Engineering	Naval Architecture & Ocean Engineering	NOE3405	해양계류시스템동력학	Dynamics of Ocean Mooring System	0		3
24 Cc	College of Engineering	Naval Architecture & Ocean Engineering	NOE4002	조선해양종합설계	Capstone Design in Naval Architecture and Ocean Engineering		0	3
	College of Engineering	Naval Architecture & Ocean Engineering	NOE4201	조선해양CAE활용	CAE Practices for Marine Structures		0	3
	College of Engineering	Naval Architecture & Ocean Engineering	NOE4301	기초유한요소해석	Basic theory of finite element analysis	_		3
	College of Engineering	Naval Architecture & Ocean Engineering	NOE4306	열전달 3차원 CAD실습	Heat Transfer			3
	College of Engineering College of Engineering	Naval Architecture & Ocean Engineering Naval Architecture & Ocean Engineering	NOE4310 NOE4405	3사원 CAD 월급 해저관로설계	3D CAD Modeling & Exercise Design of Marine Pipeline	0	0	3
	College of Engineering	Industrial Engineering	IEN2012	원가와 경제성공학	Introduction to cost management and engineering economics		0	3
	College of Engineering	Industrial Engineering	IEN2201	데이터베이스설계	Database Design		0	3
32 Cc	College of Engineering	Industrial Engineering	IEN3022	e비즈니스	e-Business(Capstone Design)		0	3
	College of Engineering	Industrial Engineering	IEN3202	산업정보화	Industrial Information System	0		3
	College of Engineering	Industrial Engineering	IEN3204	정보검색론	Information Retrieval		0	3
	College of Engineering	Industrial Engineering	IEN4103 IEN4206	생산경제학 특허정보론	Production Economics Capstone Design in Patent Information System	0		3
	College of Engineering	Industrial Engineering Industrial Engineering	IEN4206 IEN4208	특어성모돈 금융공학	Capstone Design in Patent Information System Financial Engineering		0	3
	College of Engineering	Chemical Engineering	CHE2108	재료과학	Materials Science	0		3
	College of Engineering	Chemical Engineering	CHE3201	화학반응공학	Chemical Reaction Engineering	0		3
40 Cc	College of Engineering	Chemical Engineering	CHE3207	화공열역학	Chemical Engineering Thermodynamics	0		3
	College of Engineering	Chemical Engineering	CHE4100	화학공학 종합설계	Capstone Design in Chemical Engineering	0	0	3
	College of Engineering	Chemical Engineering	CHE3210	공정제어	Process Control	0		3
	College of Engineering	Chemical Engineering Chemical Engineering	CHE4203 CHE4204	이동현상 촉매공학	Transport Phenomena Catalyst Engineering	0	0	3
	College of Engineering	Chemical Engineering	CHE4204 CHE4307	고분자물성	Physical Properties of Polymers		0	3
	College of Engineering	Chemical Engineering	CHE4308	고분자화학	Polymer Chemistry	0		3
47 Cc	College of Engineering	Chemical Engineering	ORG3302	바이오소재	Biotechnology		0	3
	College of Engineering	Biological Engineering	BTE2101	유기화학 1	Organic Chemistry1	0		3
	College of Engineering	Biological Engineering	BTE2202	생공이동현상	Transport phenomena for bioengineer		0	3
	College of Engineering	Biological Engineering Biological Engineering	BTE2204 BTE2205	생물공학기초계산 응용미생물학	Biochemical Engineering Calculations Applied Microbiology		0	3
	College of Engineering	Biological Engineering	BTE2205	생공기기분석	Instrumental Analysis in Bioengineering		0	3
	College of Engineering	Biological Engineering	BTE2207	유기화학 2	Organic Chemistry2		0	3
54 Cc	College of Engineering	Biological Engineering	BTE3101	생물화학공학	Biochemical Engineering	0		3
55 Cc	College of Engineering	Biological Engineering	BTE3106	나노바이오공학개론	Introduction to Nanobiotechnology	0		3
	College of Engineering	Biological Engineering	BTE3109	세포배양공학	Cell Culture Engineering	0		3
	College of Engineering	Biological Engineering	BTE3112	생물반응공학	Biological Reaction Engineering	0		3
	College of Engineering	Biological Engineering	BTE3211	기능성 나노소재설계 및 바이오이미징	Functional nanomaterials for Bio-imaging			3
	College of Engineering	Biological Engineering Biological Engineering	BTE4107 BTE4201	생물공정공학 생명공학종합설계	Bioprocess Engineering Capstone Design in Biological Engineering	0	0	3
	College of Engineering	Biological Engineering	BTE4201 BTE4202	생물분리공학	Bioseparation Engineering		0	3
	College of Engineering	Biological Engineering	BTE4203	식품생물공학	Food Biotechnology	-	0	3
	College of Engineering	Biological Engineering	BTE4205	생체재료공학	Biomaterials Engineering	0		3
	College of Engineering	Materials Science and Engineering	MSE2002	재료과학 2	Materials Science and Engineering 2		0	3
	College of Engineering	Materials Science and Engineering	MSE2003	물리화학 1	Physical Chemistry 1	0		3
	College of Engineering	Materials Science and Engineering	MSE2004	물리화학 2	Physical Chemistry 2		0	3
	College of Engineering	Materials Science and Engineering Materials Science and Engineering	MSE2009 MSE3003	물리금속학 재료열역학	Physical Metallurgy Thermodynamics of Materials	0		3
	College of Engineering	Materials Science and Engineering	MSE3004	상변태론	Phase Transformation		0	3
	College of Engineering	Materials Science and Engineering	MSE3009	전자재료물성	Electronic Properties of Materials	0		3
71 Cc	College of Engineering	Materials Science and Engineering	MSE3016	물질이동현상	Mass Transport Phenomena	0		3
	College of Engineering	Materials Science and Engineering	MSE3025	반도체소자	Solid State Electronic Devices	0		3
	College of Engineering	Materials Science and Engineering	MSE4006	전기화학소자	Electrochemical Devices	0		3
	College of Engineering	Materials Science and Engineering Materials Science and Engineering	MSE4007 MSE4009	나노물성 및 합성 반도체공학	Nano-Properties and Synthesis Engineering of Semiconductor Materials		0	3
	College of Engineering	Materials Science and Engineering Materials Science and Engineering	MSE4009 MSE4012	·····································	Engineering of Semiconductor Materials Kinetics of Solid State Reaction	0	0	3
	College of Engineering	Materials Science and Engineering	MSE4001	신소재공학종합설계	Capstone Design in Materials Science and Engineering		0	4
	College of Engineering	Materials Science and Engineering	MSE4013	전자패키지재료	Electronic Packaging Materials	0		3
	College of Engineering	Civil Engineering	CIV2411	환경공학 및 실험	Environmental Engineering and Lab			3
	College of Engineering	Civil Engineering	CIV2420	에너지자원	Energy Resources		0	3
	College of Engineering	Civil Engineering	CIV3100 CIV3110	구조해석 구조해석응용	Structural Analysis Advanced Structural Analysis	0		3
	College of Engineering	Civil Engineering Civil Engineering	CIV3110 CIV3211	·····································	Advanced Structural Analysis Soil Mechanics and Lab	+	0	3
	College of Engineering	Civil Engineering	CIV3211	지반공학 및 실험	Geotechnical Engineering and Lab	0	0	3
	College of Engineering	Civil Engineering	CIV3330	수문학	Hydrology	0		3
	College of Engineering	Civil Engineering	CIV3340	수공시스템설계	Design of Hydrologic and Hydraulic Systems		0	3
	College of Engineering	Civil Engineering	CIV3430	상하수도공학	Water Supply & Wastewater Eng.		0	3
	College of Engineering	Civil Engineering Civil Engineering	CIV4210 CIV4220	플랜트 기초공학 암반공학	Foundation Engineering Rock Engineering	0	0	3
	College of Engineering	Civil Engineering Civil Engineering	CIV4220 CIV4230	지반시스템설계	Design of Geosystems	+ +	0	3
	College of Engineering	Environmental Engineering	ENV2007	환경공학계산	Basic Calculation in Environmental Engineering	0		3
	College of Engineering	Environmental Engineering	ENV3108	산업폐수처리	Industrial wastewater treatment Design		0	3
92 Cc	College of Engineering	Environmental Engineering	ENV3110	물리화학적수처리	Physicochemical Water Treatment	0		3
92 Cc 93 Cc	College of Engineering	Environmental Engineering	ENV3111	생물학적수처리 하경에너지고하	Biological Water Treatment	-	0	3
92 Cc 93 Cc 94 Cc	College of Engineering	Environmental Engineering Environmental Engineering	ENV3206 ENV2004	환경에너지공학 유체역학	Environmental Energy Engineering Fluid Mechanics	0		3
92         Cc           93         Cc           94         Cc           95         Cc	ollege of Engineering	Environmental Engineering	ENV2004 ENV4403	·····································	Design of soil and groundwater remediation	0		3
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc	College of Engineering College of Engineering		ENR2104	에너지자원경제	Energy Resources Economics		0	3
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc           97         Cc		Department of Energy Resource Engineering		석유지질	Petroleum Geology		0	3
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc           97         Cc           98         Cc           99         Cc	College of Engineering	Department of Energy Resource Engineering	ENR2301					
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc           97         Cc           98         Cc           99         Cc           100         Cc	College of Engineering College of Engineering College of Engineering College of Engineering	Department of Energy Resource Engineering Department of Energy Resource Engineering	ENR3101	에너지자원경영	Energy Resources Management	0		3
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc           97         Cc           98         Cc           99         Cc           100         Cc           101         Cc	College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering	Department of Energy Resource Engineering Department of Energy Resource Engineering Department of Energy Resource Engineering	ENR3101 ENR3103	에너지자원경영 지구통계학	Geostatistics	0		3
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc           97         Cc           98         Cc           99         Cc           100         Cc           102         Cc	College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering	Department of Energy Resource Engineering Department of Energy Resource Engineering Department of Energy Resource Engineering Department of Energy Resource Engineering	ENR3101 ENR3103 ENR3202	에너지자원경영 지구통계학 암석역학 및 실험	Geostatistics Rock mechanics and Laboratory			3 4
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc           97         Cc           98         Cc           99         Cc           100         Cc           101         Cc           102         Cc           103         Cc	College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering	Department of Energy Resource Engineering Department of Energy Resource Engineering Department of Energy Resource Engineering Department of Energy Resource Engineering Department of Energy Resource Engineering	ENR3101 ENR3103 ENR3202 ENR3204	에너지자원경영 지구통계학 암석역학 및 실험 자원개발공학	Geostatistics Rock mechanics and Laboratory Mining Engineering	0	0	3 4 3
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc           97         Cc           98         Cc           100         Cc           101         Cc           102         Cc           103         Cc           104         Cc	College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering College of Engineering	Department of Energy Resource Engineering Department of Energy Resource Engineering Department of Energy Resource Engineering Department of Energy Resource Engineering	ENR3101 ENR3103 ENR3202	에너지자원경영 지구통계학 암석역학 및 실험	Geostatistics Rock mechanics and Laboratory	0	0 0 0	3 4
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc           97         Cc           98         Cc           100         Cc           101         Cc           103         Cc           104         Cc           105         Cc	College of Engineering	Department of Energy Resource Engineering Department of Energy Resource Engineering	ENR3101 ENR3103 ENR3202 ENR3204 ENR3206	에너지자원경영 지구통계학 암석역학 및 실험 자원개발공학 에너지자원환경	Geostatistics Rock mechanics and Laboratory Mining Engineering Energy Resources Environment	0	0	3 4 3 3
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc           97         Cc           98         Cc           100         Cc           101         Cc           103         Cc           104         Cc           105         Cc	College of Engineering	Department of Energy Resource Engineering Department of Energy Resource Engineering	ENR3101 ENR3103 ENR3202 ENR3204 ENR3206 ENR3305	에너지자원경영 지구통계학 암석역학 및 실험 자원개발공학 에너지자원환경 석유가스공학개론	Geostatistics Rock mechanics and Laboratory Mining Engineering Energy Resources Environment Introduction to Petroleum Engineering	0	0	3 4 3 3 3 3
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc           97         Cc           98         Cc           99         Cc           100         Cc           101         Cc           103         Cc           104         Cc           105         Cc           106         Cc           107         Cc	college of Engineering	Department of Energy Resource Engineering Department of Energy Resource Engineering	ENR3101 ENR3103 ENR3202 ENR3204 ENR3206 ENR3305 ENR3302 ENR3303 ENR3304	에너지자원경영 지구통계학 암석역학 및 실험 자원개발공학 에너지자원환경 석유가스공학개론 물리검층 시추공학 탄성파 탐사	Geostatistics Rock mechanics and Laboratory Mining Engineering Energy Resources Environment Introduction to Petroleum Engineering Well Logging Drilling engineering Seismic Exploration	0	0 0 0	3 4 3 3 3 3 3 3 3 3 3
92         Cc           93         Cc           94         Cc           95         Cc           96         Cc           97         Cc           98         Cc           100         Cc           101         Cc           103         Cc           104         Cc           105         Cc           106         Cc           107         Cc           108         Cc           109         Cc	college of Engineering	Department of Energy Resource Engineering Department of Energy Resource Engineering	ENR3101 ENR3103 ENR3202 ENR3204 ENR3206 ENR3305 ENR3302 ENR3303	에너지자원경영 지구통계학 암석역학 및 실험 자원개발공학 에너지자원환경 석유가스공학개론 물리검층 시추공학	Geostatistics Rock mechanics and Laboratory Mining Engineering Energy Resources Environment Introduction to Petroleum Engineering Well Logging Drilling engineering	0	0 0 0	3 4 3 3 3 3 3 3 3

112	College of Engineering	Department of Energy Resource Engineering	ENR4205	터널 및 지하공간공학	Tunnel and underground space engineering		0	3
113 114	College of Engineering College of Engineering	Department of Energy Resource Engineering Department of Energy Resource Engineering	ENR4207 ENR4309	지반 및 지하수공학 석유생산 및 설비	Geo and Ground Water Engineering Petroleum production engineering	0	-	3
115	College of Engineering	Department of Energy Resource Engineering	ENR4302	저류공학	Reservoir Engineering	0		3
116 117	College of Engineering College of Engineering	Department of Energy Resource Engineering Department of Energy Resource Engineering	ENR4310 ENR4308	머신러닝 기반 지구물리자료처리 비전통자원개발 설계 및 평가	Geophysical data processing based on machine learning Design and Evaluation of Unconventional Resources Development(Capstone Design)	0	0	3
118 119	College of Engineering	Electrical Engineering	EEE2001	회로이론 1 회로이론 2	Engineering Circuit Analysis 1	0	0	3
120	College of Engineering College of Engineering	Electrical Engineering Electrical Engineering	EEE2002 EEE2005	미지털논리회로	Engineering Circuit Analysis 2 Digital Logic Circuits		0	3
121 122	College of Engineering College of Engineering	Electrical Engineering Electrical Engineering	EEE3004 EEE3102	전기전자계측 제어시스템설계	Electrical & Electronic measurements Control System Capstone Design		0	3
123	College of Engineering	Electrical Engineering	EEE3104	신호 및 시스템	Signals and Systems	0		3
124 125	College of Engineering College of Engineering	Electrical Engineering Electrical Engineering	EEE3108 EEE3114	센서공학 자동제어	Sensor Engineering Automatic Control	0		3
126 127	College of Engineering	Electrical Engineering	EEE3206 EEE3303	전자디스플레이 전력시스템공학 1	Electronic Display		0	3
127	College of Engineering College of Engineering	Electrical Engineering Electrical Engineering	EEE3303 EEE3304	전력시스템공학 2	Power System Engineering1 Power System Engineering2	0	0	3
129 130	College of Engineering College of Engineering	Electrical Engineering Electrical Engineering	EEE4001 EEE3105	전기공학 종합설계 컴퓨터제어	Capstone Design in Electrical Engineering Computer Control(Capstone Design)		0	3
131	College of Engineering	Electrical Engineering	EEE3112	로봇공학	Robotics	0	0	3
132 133	College of Engineering College of Engineering	Electrical Engineering Electronic Engineering	EEE3322 ECE2250	에너지 변환용 대형 전력시스템의 이해 전자회로 1	Theories and Applications of Power Systems for Electric Energy Conversion Electronic Circuits1	0	0	3
134 135	College of Engineering	Electronic Engineering	ECE3312 ECE3314	통신시스템 데이터구조	Communication System Data Structure		0	3
135	College of Engineering College of Engineering	Electronic Engineering Electronic Engineering	ECE3314 ECE3320	신호및시스템	Signal and System			3
137 138	College of Engineering College of Engineering	Electronic Engineering Electronic Engineering	ECE3325 ECE3350	운영체제 확률및통계	Operating System Probability and Statistics		0	3
139	College of Engineering	Electronic Engineering	ECE4325	영상시스템설계	Video System Capstone Design		0	4
140 141	College of Engineering College of Engineering	Electronic Engineering Electronic Engineering	ECE4343 ECE4401	아날로그회로설계 디지털신호처리개론	Analog Circuit Capstone Design Introductory Digital Signal Processing	0	0	4
142	College of Engineering	Electronic Engineering	ECE4413	이동통신	Mobile Communications		0	3
143 144	College of Engineering College of Engineering	Electronic Engineering Electronic Engineering	ECE4422 ECE4430	광전자 기초 RFIC 설계	Photoelectronics Engineering Fundamentals of RFIC Design		0	3
145	College of Engineering	Electronic Engineering	ECE4466	VLSI설계및프로젝트실습	VLSI Capstone Design and Project		0	4
146 147	College of Engineering College of Engineering	Electronic Engineering Information and Communication Engineering	ECE4480 ICE1001	전자공학종합설계 정보통신입문	Capstone Design in Electronic Engineering Introductory Information & Communication		0	2
148 149	College of Engineering College of Engineering	Information and Communication Engineering Information and Communication Engineering	ICE2002 ICE2005	회로이론 전자회로 1	Engineering Circuits Analysis Electronic Circuits 1	0	0	3
150	College of Engineering	Information and Communication Engineering	ICE3001	신호및시스템	Signals and Systems		0	3
151 152	College of Engineering College of Engineering	Information and Communication Engineering Information and Communication Engineering	ICE3104 ICE3005	반도체공학 전자회로 2	Semiconductor Engineering Electronics Circuits 2	0		3
153	College of Engineering	Information and Communication Engineering	ICE3106	아날로그 집적회로설계	Analog Integrated Circuit Design		0	4
154 155	College of Engineering College of Engineering	Information and Communication Engineering Information and Communication Engineering	ICE3013 ICE3014	시스템프로그래밍 오퍼레이팅시스템	System Programming Operating System	0	0	3
156 157	College of Engineering College of Engineering	Information and Communication Engineering Information and Communication Engineering	ICE4020 ICE4024	정보보호론 정보통신종합설계	Information Security Capstone Design in ICT		0	3
158	College of Engineering	Information and Communication Engineering	ICE4024	정보및부호화이론	Information and Coding Theory		0	3
159 160	College of Engineering College of Natural Sciences	Information and Communication Engineering Physics	ICE4027 PHY3202	디지털영상처리설계 수리물리학 2	Digital Image Processing and Design Mathematical Physics 2		0	4
161	College of Natural Sciences	Physics	PHY3006	상대성이론	Theory of Relativity		0	3
162 163	College of Natural Sciences College of Natural Sciences	Physics Physics	PHY2230 PHY3032	전산물리학 열 및 통계역학 2	Computational physics Thermodynamics and Statistical Mechanics 2		0	3
164	College of Natural Sciences	Physics	PHY4404	반도체물리학	Semiconductor Physics	0		3
165 166	College of Natural Sciences College of Natural Sciences	Physics	PHY4501 PHY4235	핵물리학 빅데이터 물리학	Nuclear Physics	0		3
167	College of Natural Sciences	Physics Physics	PH14255 PHY4502	입자물리학	Big data physics Particle Physics	0	0	3
168 169	College of Natural Sciences College of Natural Sciences	Ocean Sciences Ocean Sciences	OCN2202 OCN2302	해저지형학 및 실험 해양기상학	Coastal Geomorphology and Lab Marine Meteorolgy			3
170	College of Natural Sciences	Ocean Sciences	OCN2312	해양환경유체역학 및 실험	Environmental Fluid Mechanics for Ocean Science		0	3
171 172	College of Natural Sciences College of Natural Sciences	Ocean Sciences Ocean Sciences	OCN2502 OCN3203	해양저서생물학 입문 및 실험 퇴적학 및 실험	Introduction to Marine Benthology Sedimentology and Lab		0	3
173	College of Natural Sciences	Ocean Sciences	OCN3206	연안퇴적역학 및 실험	Coastal Sediment Dynamics and Lab		0	3
174 175	College of Natural Sciences College of Natural Sciences	Ocean Sciences Ocean Sciences	OCN3305 OCN3307	해양순환개론 해양수치해석 및 프로그래밍	Introduction to Ocean Circulation Numerical analysis and programming for ocean science		0	3
176 177	College of Natural Sciences College of Natural Sciences	Ocean Sciences Ocean Sciences	OCN3504 OCN4212	해양무척추동물의 다양성 및 실험 연안퇴적환경론 및 실험	Marine Invertebrate Zoology and Lab Coastal Sedimentary Environments and Lab	0		3
178	College of Natural Sciences	Ocean Sciences	OCN4212 OCN4213	증서학 및 실험	Sequence of strata and Paleo-depositional environments and Lab		0	3
179 180	College of Natural Sciences College of Natural Sciences	Ocean Sciences Ocean Sciences	OCN4308 OCN4314	하구 및 연안물리학 문제해결형 해양-AI-모델링	Estuarine and Coastal Hydrodynamics Problem solving-Al-Numericl modelling for ocean science		0	3
181	College of Natural Sciences	Ocean Sciences	OCN4407	동위원소지화학	Isotope geochemistry		0	3
182 183	College of Natural Sciences College of Natural Sciences	Ocean Sciences Ocean Sciences	OCN4509 OCN4512	하구생태학 및 실험 해양동물행동학 및 실험	Estuarine Ecology and Lab Marine Animal Behavior and Lab.		0	3
184 185	College of Natural Sciences	Ocean Sciences Business Administration	OCN4405	연안생지화학 재무관리	Coastal Biogeochemistry	0	0	3
186	College of Business Administration College of Business Administration	Business Administration	BUS2101 BUS2201	조직행동	Financial Management Organizational Behavior	0	0	3
187 188	College of Business Administration College of Business Administration	Business Administration Business Administration	BUS2301 BUS2401	재무회계 오퍼레이션스 매니지먼트	Financial Accounting Operations Management	0		3
189	College of Business Administration	Business Administration	BUS2501	마케팅 원론	Principles of Maketing	0	0	3
190 191	College of Business Administration College of Business Administration	Business Administration Business Administration	BUS3201 BUS3204	리더십 인적자원관리	leadership Human Resource Management	0	0	3
192	College of Business Administration	Business Administration	BUS3203	경영전략	Business Strategy		0	3
193 194	College of Business Administration College of Business Administration	Business Administration Business Administration	BUS3701 BUS4201	CSR경영전략과 사례 국제경영	CSR Strategy&Cases International Business	0		3
195 196	College of Business Administration College of Business Administration	Business Administration Global Finance and Banking	BUS3901 BUS2101	환대 서비스 개론 재무관리	Introduction to Hospitality Management Financial Management	0	0	3
197	College of Business Administration	Global Finance and Banking	GFB2101	미시경제	Macroeconomics			3
198 199	College of Business Administration College of Business Administration	Global Finance and Banking Global Finance and Banking	GFB2401 GFB3201	금융시장론 파생상품	Financial Market Financial Derivatives	0	0	3
200	College of Business Administration	Global Finance and Banking	GFB3401	금융기관경영	Financial institution management	0		3
201 202	College of Business Administration College of Business Administration	Global Finance and Banking Global Finance and Banking	GFB3403 GFB3405	화폐금융 국제금융	Money and Banking International Finance and Banking	0		3
203 204	College of Business Administration College of Business Administration	Asia Pacific School Of Logistics Asia Pacific School Of Logistics	APL2103 APL2202	국제물류론 제조물류	Global Logistics Management Manufacturing Logistics	0	0	3
205	College of Business Administration	Asia Pacific School Of Logistics	APL2302	물류의사결정론	Logistics Decision Making Theory	0		3
206 207	College of Business Administration College of Business Administration	Asia Pacific School Of Logistics Asia Pacific School Of Logistics	APL3304 APL3306	물류네트워크 분석 물류정보시스템	Airline Service Management Logistics Information System		0	3
208	College of Business Administration	Asia Pacific School Of Logistics	APL3308	물류시뮬레이션	Logistics Simulation			3
209 210	College of Business Administration College of Business Administration	Asia Pacific School Of Logistics Asia Pacific School Of Logistics	APL3510 APL4315	물류투자분석 물류기술경영	Cost-Benefit Analysis on Logistics Issues Technology Management in Logistics		0	3
211 212	College of Business Administration College of Business Administration	Asia Pacific School Of Logistics	APL4418 APL4420	국제복합운송 글로벌물류혁신세미나	Intermodal Transportation	0	0	3
213	College of Business Administration College of Business Administration	Asia Pacific School Of Logistics Asia Pacific School Of Logistics	APL4517	수요예측	Seminar on Global Logistics Excellence Demand Forecasting Methods and Practice	0	0	3
214 215	College of Education College of Education	English Language Education English Language Education	EEG1513 EEG1521	영어교육입문및진로탐색 영어청해연습 1	Introduction to English Education & Career research English Listening Comprehension 1	0	0	3
216	College of Education	English Language Education	EEG1522	영문독해연습 1	English Reading Comprehension 1	0		3
217 218	College of Education College of Education	English Language Education English Language Education	EEG1531 EEG2521	실용영문법 영어과교육과정및교재개발	Practical English Grammar Curriculum & Materials Development in English Education	0		3
219	College of Education	English Language Education	EEG2602	영문독해연습 2	English Reading Comprehension 2		0	3
220 221	College of Education College of Education	English Language Education English Language Education	EEG2612 EEG2621	영어교육론 영어청해연습 2	Theories in TEFLL English Listening Comprehension 2		0	3
222	College of Education	English Language Education	EEG2642	영문학개론	Introduction to English Literature	~	0	3
222	College of Education	English Language Education	EEG3327	영문독해연습 3	English Reading Comprehenshion 3	0		3
223 224	College of Education	English Language Education	EEG3346	영어어휘연습	English Vocabulary Practice		0	3

227	College of Education	English Language Education	EEG4347	영미희곡교육	British and American Drama	0		3
228	College of Education	English Language Education	EEG4405	영어과정중심평가	English process-based assessment			3
229	College of Education	English Language Education	EEG4406	영어교수법	English Language Teaching method	0		3
230	College of Education	English Language Education	EEG4417	영어교육특강	Topics in English Education	0	0	3
230	College of Education	English Language Education	EEG4431	영어학특강	Topics in English Education		0	3
232	College of Education	English Language Education	EEG4805	영미소설교육	Reading in English and American Fiction	0	0	3
233	College of Social Sciences	Public Administration	PAD2111	정책과정론	The Public Policy Process:Theory & Practice			3
233	College of Social Sciences	Public Administration	PAD21112	조직이론	Organizational Theory			3
234	College of Social Sciences	Public Administration	PAD2112 PAD2116	행정학 원강 2	Readings in Public Administration 2	0		3
235	College of Social Sciences	Public Administration	PAD2116 PAD2209	정책학원론	5	0	0	3
230	College of Social Sciences		PAD2209 PAD2214	행정학 원강 1	Introduction to Public Policy Studies Reading in Public Administration 1		-	3
237	College of Social Sciences	Public Administration Public Administration	PAD2214 PAD2218	공공문제해결론			0	3
238		Public Administration		지무행정론	Public Sector Problem-Solving Theories	-	0	3
	College of Social Sciences		PAD3108		Financial Administration	0	0	
240	College of Social Sciences	Public Administration	PAD3211	조직관리와 리더십	Organizational Management and Leadership		0	3
241	College of Social Sciences	Media and Communication	COM1100	커뮤니케이션학개론	Introduction to Communications		0	3
242	College of Social Sciences	Media and Communication	COM2332	Genres in Popular Culture	Genres in Popular Culture		0	3
243	College of Social Sciences	Media and Communication	COM2400	광고학개론	Introduction to Advertising		0	3
244	College of Social Sciences	Media and Communication	COM3101	커뮤니케이션 영어원강	English Readgins on Communication	0		3
245	College of Social Sciences	Media and Communication	COM3212	소셜미디어와 커뮤니케이션	Social Media and Communication		0	3
246	College of Social Sciences	Media and Communication	COM3322	Cultural Studies and Cyberspace	Cultural Studies and Cyberspace		0	3
247	College of Social Sciences	Media and Communication	COM3331	Media Narratives	Media Narratives	0		3
248	College of Social Sciences	Media and Communication	COM3412	통합마케팅 커뮤니케이션	Integrated Marketing Communication		0	3
249	College of Social Sciences	Media and Communication	COM3433	판매촉진전략	Sales Promotion Strategy			3
250	College of Social Sciences	Media and Communication	COM4321	Orientalism in Media & Culture	Orientalism in Media & Culture	0		3
251	College of Social Sciences	Media and Communication	COM4331	Gender and Cultural Studies	Gender and Culture Studies			3
252	College of Social Sciences	Media and Communication	COM4332	영화·비디오이론	Theories of Film and Vedio		0	3
253	College of Social Sciences	Economics	ECO1101	경제원론 1	Principles of Economics1	0		3
254	College of Social Sciences	Economics	ECO1102	경제원론 2	Principles of Economics2		0	3
255	College of Social Sciences	Economics	ECO2201	미시경제학	Microeconomics		0	3
256	College of Social Sciences	Economics	ECO2202	거시경제학	Macroeconomics		0	3
257	College of Social Sciences	Economics	ECO3387	경제성장론	Economic Growth	0		3
258	College of Social Sciences	Economics	ECO3306	경제문제연구	The Analystic Study for Economic Problems	0	0	3
259	College of Social Sciences	Economics	ECO3343	노동경제학	Labour Economics	0		3
260	College of Social Sciences	Economics	ECO3381	경제발전론	Economic Development		0	3
261	College of Humanities	English Language & Literature	ENG1401	영어토론과프레젠테이션	English Discussion & Presentation	0	0	3
262	College of Humanities	English Language & Literature	ENG3404	고급영어토론과프레젠테이션	Advanced English Discussion & Presentation	0	0	3
263	College of Humanities	English Language & Literature	ENG2006	미디어영어	Media English		0	3
264	College of Humanities	English Language & Literature	ENG1402	영문학개론	Introduction to English Literature	0	0	3
265	College of Humanities	English Language & Literature	ENG2103	영미단편소설	British & American Short Stories		0	3
266	College of Humanities	English Language & Literature	ENG2105	영미아동청소년문학	Children's & Young Adult Literature in English		0	3
267	College of Humanities	English Language & Literature	ENG2201	영어학개론	Introduction to English Linguistics	0	0	3
268	College of Humanities	English Language & Literature	ENG2401	표현영어글쓰기	Expressive Writing	0	0	3
269	College of Humanities	English Language & Literature	ENG2303	기술영어글쓰기	Technical Writing	0	0	3
270	College of Humanities	English Language & Literature	ENG3402	서구문화원형과 미디어	Curtural Archetypes of the West and Media		0	3
270	College of Humanities	English Language & Literature	ENG3208	사회와 영어	English in Societies		0	3
272	College of Humanities	English Language & Literature	ENG3200	분석영어글쓰기	Analytic Writing		0	3
272		5 5 5	ENG4122	영연방 세계의 이해			0	3
273	College of Humanities Arts & Sports	English Language & Literature	KIN1017	인체기능해부학	Understanding of the British Commonwealth(Capstone Design) Human Anatomy	0	0	3
274		Kinesiology	KIN1017 KIN1101	인제기등애두역 발육발달및노화		0		3
275	Arts & Sports	Kinesiology			Growth & Aging	0		3
	Arts & Sports	Kinesiology	KIN2016		Sport Business Administration	-	0	-
277	Arts & Sports	Kinesiology	KIN2103	운동생리학	Exercise Physiology	0		3
278	Arts & Sports	Kinesiology	KIN3016	스포츠전문영어	Profession of Sport in English	0	-	2
279	Arts & Sports	Kinesiology	KIN3110	특수집단과운동	Special Populations and Exercise		0	3
280	Arts & Sports	Kinesiology	KIN3208	스포츠마케팅	Sports Marketing	0		3
281	Arts & Sports	Kinesiology	KIN4103	병태생리학	Pothological Physiology		0	3
282	Arts & Sports	Kinesiology	KIN3112	운동손상학	Sports Injuries	0		3
283	Arts & Sports	Kinesiology	KIN3113	운동손상평가및실습	Evaluation & Practice of Sports Injuries	1	0	3