

# List of Major Courses in English

전공영어교과과정 트랙 교과목 안내 | [인하대학교](#)



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## College of Engineering

# Mechanical Engineering

## 기계공학

| Course Number | Course Title |                                            | Spring Semester | Fall Semester | Credit |
|---------------|--------------|--------------------------------------------|-----------------|---------------|--------|
| MEG2076       | 선형대수         | Linear Algebra                             |                 | ○             | 3      |
| MEG2101       | 재료역학 1       | Mechanics of Materials 1                   | ○               |               | 3      |
| MEG2120       | 열역학 1        | Thermodynamics 1                           |                 |               | 3      |
| MEG2160       | 동역학 1        | Dynamics 1                                 |                 |               | 3      |
| MEG2221       | 열역학 2        | Thermodynamics 2                           |                 |               | 3      |
| MEG2250       | 유체역학 1       | Fluid Mechanics 1                          |                 | ○             | 3      |
| MEG3077       | 수치해석         | Numerical Analysis                         | ○               | ○             | 3      |
| MEG3151       | 유체역학 2       | Fluid Mechanics 2                          |                 |               | 3      |
| MEG3165       | 자동제어         | Automatic Control                          |                 |               | 3      |
| MEG3185       | 기계공학일반설계 1   | General Design of Mechanical Engineering 1 | ○               |               | 3      |
| MEG3227       | 열전달          | Heat Transfer                              |                 | ○             | 3      |
| MEG3266       | 계측공학         | Mechanical Measurement                     |                 |               | 3      |
| MEG3286       | 기계공학일반설계 2   | General Design of Mechanical Engineering 2 |                 | ○             | 3      |
| MEG2271       | 파이썬과머신러닝     | Python and Machine Learning                |                 | ○             | 3      |
| MEG4228       | 신재생에너지공학     | Renewable Energy Technology                |                 |               | 3      |
| MEG4254       | 전산유체공학       | Computational Fluids Engineering           |                 |               | 3      |
| MEG4267       | 로봇공학         | Robotics                                   |                 |               | 3      |
| MEG3013       | 전산제도         | Computer Aided Drafting                    | ○               | ○             | 3      |

## College of Engineering

### Naval Architecture & Ocean Eng. |

### 조선해양공학

| Course Number | Course Title | Spring Semester | Fall Semester | Credit |
|---------------|--------------|-----------------|---------------|--------|
| NOE1501       | 조선해양공학개론     | ○               |               | 3      |
| NOE2004       | 유체역학         |                 | ○             | 3      |
| NOE3503       | 선박저항론        | ○               |               | 3      |
| NOE3542       | 친환경추진시스템     |                 | ○             | 3      |
| NOE3543       | 스마트제조와 산업경영  |                 | ○             | 3      |
| NOE3502       | 부유체동역학       | ○               |               | 3      |
| NOE3013       | 수치해석         | ○               |               | 3      |
| NOE4541       | 조선해양CAE실습    |                 | ○             | 3      |
| NOE4301       | 기초유한요소해석     |                 | ○             | 3      |
| NOE4306       | 열전달          | ○               |               | 3      |
| NOE4310       | 3차원 CAD실습    |                 | ○             | 3      |
| NOE4506       | 해저파이프라인      | ○               |               | 3      |
| NOE3214       | 구조역학실험       |                 | ○             | 3      |
| NOE3201       | 조선해양구조역학     |                 | ○             | 3      |

## College of Engineering

### Industrial Engineering

### 산업경영공학

| Course Number | Course Title |                              | Spring Semester | Fall Semester | Credit |
|---------------|--------------|------------------------------|-----------------|---------------|--------|
| IEN2010       | 경영과학1        | Management Science 1         |                 |               | 3      |
| IEN2203       | 빅데이터 설계      | Big Data Design              |                 |               | 3      |
| IEN3205       | 자료구조 및 알고리즘  | Data structure and algorithm |                 | ○             | 3      |
| IEN3206       | 텍스트마이닝       | Text mining                  |                 | ○             | 3      |

## College of Engineering

### Chemical Engineering

### 화학공학

| Course Number |        | Course Title                        | Spring Semester | Fall Semester | Credit |
|---------------|--------|-------------------------------------|-----------------|---------------|--------|
| CHE3201       | 화학반응공학 | Chemical Reaction Engineering       | ○               |               | 3      |
| CHE3207       | 화공 열역학 | Chemical Engineering Thermodynamics | ○               |               | 3      |
| CHE3210       | 공정제어   | Process Control                     | ○               |               | 3      |
| CHE4203       | 이동현상   | Transport Phenomena                 | ○               |               | 3      |
| CHE4402       | 에너지소재  | Functional Polymers                 | ○               |               | 3      |
| CHE4308       | 고분자화학  | Polymer Chemistry                   | ○               |               | 3      |
| CHE2108       | 재료과학   | Materials Science                   | ○               |               | 3      |
| CHE3213       | 분리공정   | Separation Process                  |                 | ○             | 3      |
| CHE4204       | 촉매공학   | Catalyst Engineering                |                 | ○             | 3      |
| CHE4307       | 고분자물성  | Physical Properties of Polymers     |                 | ○             | 3      |
| CHE4305       | 생물화학공학 | Biochemical Engineering             | ○               |               | 3      |

## College of Engineering

### Materials Science & Engineering

### 신소재공학

| Course Number | Course Title | Spring Semester                           | Fall Semester | Credit |
|---------------|--------------|-------------------------------------------|---------------|--------|
| MSE1002       | 창의적신소재공학설계   | Creative Design                           | ○             | 3      |
| MSE2002       | 재료과학 2       | Materials Science and Engineering 2       | ○             | 3      |
| MSE2003       | 물리화학 1       | Physical Chemistry 1                      | ○             | 3      |
| MSE2004       | 물리화학 2       | Physical Chemistry 2                      | ○             | 3      |
| MSE2009       | 물리금속학        | Physical Metallurgy                       | ○             | 3      |
| MSE3004       | 상변태론         | Phase Transformation                      | ○             | 3      |
| MSE3025       | 반도체소자        | Solid State Electronic Devices            | ○             | 3      |
| MSE4006       | 전기화학소자       | Electrochemical Devices                   | ○             | 3      |
| MSE4007       | 나노물성 및 합성    | Nano-Properties and Synthesis             | ○             | 3      |
| MSE4021       | 에너지저장소재      | Energy Storage Materials                  | ○             | 3      |
| MSE4024       | 나노소재와 소자응용   | Nanomaterials and Nanodevice Applications | ○             | 3      |

## College of Engineering

### Civil Engineering

### 사회인프라공학

| Course Number |           | Course Title                               | Spring Semester | Fall Semester | Credit |
|---------------|-----------|--------------------------------------------|-----------------|---------------|--------|
| CIV2411       | 환경공학 및 실험 | Environmental Engineering and Lab          | ○               |               | 3      |
| CIV2421       | 에너지와 탄소중립 | Energy and Carbon Neutrality               |                 | ○             | 3      |
| CIV3100       | 구조해석      | Structural Analysis                        | ○               |               | 3      |
| CIV3110       | 구조해석응용    | Advanced Structural Analysis               |                 |               | 3      |
| CIV3211       | 토질역학 및 실험 | Soil Mechanics and Lab                     |                 | ○             | 3      |
| CIV3220       | 지반공학 및 실험 | Geotechnical Engineering and Lab           | ○               |               | 3      |
| CIV3330       | 수문학       | Hydrology                                  | ○               |               | 3      |
| CIV3340       | 수공시스템설계   | Design of Hydrologic and Hydraulic Systems |                 | ○             | 3      |
| CIV3430       | 상하수도공학    | Water Supply & Wastewater Eng.             |                 | ○             | 3      |
| CIV4210       | 플랜트 기초공학  | Foundation Engineering                     | ○               |               | 3      |
| CIV4220       | 암반공학      | Rock Engineering                           |                 |               | 3      |
| CIV4230       | 지반시스템설계   | Design of Geosystems                       |                 | ○             | 3      |

## College of Engineering

## Environmental Engineering

## 환경공학

| Course Number | Course Title                                                | Spring Semester | Fall Semester | Credit |
|---------------|-------------------------------------------------------------|-----------------|---------------|--------|
| ENV2007       | 환경공학계산<br>Basic Calculation in Environmental Engineering    | ○               |               | 3      |
| ENV3108       | 산업폐수처리<br>Industrial wastewater treatment Design            |                 | ○             | 3      |
| ENV3110       | 물리화학적수처리<br>Physicochemical Water Treatment                 | ○               |               | 3      |
| ENV3111       | 생물학적수처리<br>Biological Water Treatment                       |                 | ○             | 3      |
| ENV3206       | 환경에너지공학<br>Environmental Energy Engineering                 | ○               |               | 3      |
| ENV2004       | 유체역학<br>Fluid Mechanics                                     | ○               |               | 3      |
| ENV4403       | 토양 및 지하수 복원설계<br>Design of soil and groundwater remediation | ○               |               | 3      |

## College of Engineering

### Energy Resource Engineering

### 에너지자원공학

| Course Number | Course Title     | Spring Semester                                                              | Fall Semester | Credit |
|---------------|------------------|------------------------------------------------------------------------------|---------------|--------|
| ENR4105       | 순환경제             | Circular Economy                                                             | ○             | 3      |
| ENR2104       | 에너지자원경제          | Energy Resources Economics                                                   | ○             | 3      |
| ENR2301       | 석유지질             | Petroleum Geology                                                            |               | 3      |
| ENR3111       | 에너지환경기술경영        | Energy and Environmental Management of Innovation                            | ○             | 3      |
| ENR3103       | 지구통계학            | Geostatistics                                                                | ○             | 3      |
| ENR3202       | 암석역학 및 실험        | Rock mechanics and Laboratory                                                | ○             | 4      |
| ENR3204       | 자원개발공학           | Mining Engineering                                                           | ○             | 3      |
| ENR3206       | 에너지자원환경          | Energy Resources Environment                                                 | ○             | 3      |
| ENR3315       | 지오에너지공학개론        | Introduction to Geo-Energy Engineering                                       | ○             | 3      |
| ENR3302       | 물리검층             | Well Logging                                                                 |               | 3      |
| ENR3313       | 시추 및 지층평가공학      | Drilling and Subsurface Evaluation Engineering                               | ○             | 3      |
| ENR4113       | 에너지전환 및 정책       | Energy Transition and Policy                                                 | ○             | 3      |
| ENR4201       | 발파 및 굴착공학        | Blasting and excavation engineering                                          | ○             | 3      |
| ENR4213       | 배터리핵심 광물 종합 실무   | Capstone Design in Battery and Critical Minerals                             |               | 3      |
| ENR4204       | 지구화학 및 탐사        | Geochemistry and Geochemical Exploration                                     |               | 3      |
| ENR4215       | 에너지저장과 안전        | Energy Storage and Safety                                                    | ○             | 3      |
| ENR4319       | 지오에너지 생산 및 설비    | Geo-Energy Production and Facility                                           | ○             | 3      |
| ENR1312       | 저류 모델링 및 시뮬레이션   | Reservoir Modeling and Simulation                                            | ○             | 3      |
| ENR4310       | 머신러닝 기반 지구물리자료처리 | Geophysical data processing based on machine learning                        |               | 3      |
| ENR4314       | 비전통에너지 설계 및 평가   | Design and Evaluation of Unconventional Energy Development (Capstone Design) |               | 3      |
| ENR4104       | 풍력에너지            | Wind Energy                                                                  | ○             | 3      |
| ENR3207       | 이산화탄소 포집 및 저장 기술 | CO2 Capture and Storage Technology                                           | ○             | 3      |

## College of Engineering

## Electrical & Electronic Engineering

## 전기전자공학

| Course Number |               | Course Title                         | Spring Semester | Fall Semester | Credit |
|---------------|---------------|--------------------------------------|-----------------|---------------|--------|
| EEC3202       | 신호및시스템        | Signals and Systems                  | ○               |               | 3      |
| EEC3210       | 확률변수          | Random Variables                     |                 | ○             | 3      |
| EEC4404       | 오디오신호처리       | Audio Signal Processing              | ○               |               | 3      |
| EEC3606       | 센서공학          | Sensor Engineering                   | ○               |               | 3      |
| EEC4300       | 전자디스플레이       | Electronic Display                   |                 | ○             | 3      |
| EEC3304       | 반도체소자1        | Semiconductor Devices 1              | ○               |               | 3      |
| EEC3305       | 반도체소자2        | Semiconductor Devices 2              |                 | ○             | 3      |
| EEC3300       | 전자회로2         | Electronics Circuits 2               | ○               |               | 3      |
| EEC2108       | 전자회로1         | Electronic Circuits 1                |                 | ○             | 3      |
| EEC3700       | 전력시스템 운영 및 제어 | Power System Operation and Control   |                 | ○             | 3      |
| EEC3208       | 전력시스템공학       | Power Systems Engineering            | ○               | ○             | 3      |
| EEC2106       | 디지털 논리회로      | Digital Logic Circuits               | ○               | ○             | 3      |
| EEC3602       | 전기전자계측        | Electrical & Electronic measurements |                 | ○             | 3      |
| EEC4406       | 오퍼레이팅시스템      | operating system                     |                 | ○             | 3      |
| EEC3406       | 시스템프로그래밍      | system programming                   | ○               |               | 3      |
| EEC3308       | 아날로그 집적회로설계   | Analog Integrated Circuit Design     |                 | ○             | 4      |
| EEC2210       | 자료구조론         | Data Structure                       | ○               |               | 3      |
| EEC4302       | 시스템반도체설계      | System on Chip Design                | ○               |               | 3      |
| EEC4510       | 무선통신네트워크      | wireless communication network       |                 | ○             | 3      |
| EEC4500       | 디지털통신         | Digital communications               | ○               |               | 3      |
| EEE2001       | 회로이론 1        | Engineering Circuit Analysis 1       | ○               |               | 3      |

## College of Natural Sciences

### Physics

### 물리학

| Course Number |               | Course Title                               | Spring Semester | Fall Semester | Credit |
|---------------|---------------|--------------------------------------------|-----------------|---------------|--------|
| PHY3202       | 수리물리학 2       | Mathematical Physics 2                     |                 | ○             | 3      |
| PHY3006       | 상대성이론         | Theory of Relativity                       |                 | ○             | 3      |
| PHY2230       | 전산물리학         | Computational physics                      |                 | ○             | 3      |
| PHY3032       | 열 및 통계역학 2    | Thermodynamics and Statistical Mechanics 2 |                 | ○             | 3      |
| PHY4404       | 반도체물리학        | Semiconductor Physics                      | ○               |               | 3      |
| PHY4501       | 핵물리학          | Nuclear Physics                            | ○               |               | 3      |
| PHY4236       | 빅데이터 물리학 및 실습 | Big Data Physics and Practice              | ○               |               | 3      |
| PHY4502       | 입자물리학         | Particle Physics                           |                 | ○             | 3      |
| PHY4408       | 첨단반도체 소자물리    | Advanced semiconductor device physics      |                 | ○             | 3      |

## College of Natural Sciences

### Ocean Sciences

### 해양과학

| Course Number | Course Title    | Spring Semester | Fall Semester | Credit |
|---------------|-----------------|-----------------|---------------|--------|
| OCN2202       | 해저지형학 및 실험      | ○               |               | 3      |
| OCN2312       | 해양환경유체역학 및 실험   |                 |               |        |
| OCN2502       | 해양저서생물학 입문 및 실험 | ○               |               | 3      |
| OCN3203       | 퇴적학 및 실험        | ○               |               | 3      |
| OCN3206       | 연안퇴적역학 및 실험     |                 | ○             | 3      |
| OCN3305       | 해양순환개론          |                 | ○             | 3      |
| OCN3307       | 해양수치해석 및 프로그래밍  | ○               |               | 3      |
| OCN4213       | 층서학 및 실험        |                 | ○             | 3      |
| OCN4308       | 하구 및 연안물리학      |                 |               |        |
| OCN4314       | 문제해결형 해양-AI-모델링 |                 |               |        |
| OCN4407       | 동위원소지화학         |                 |               |        |
| OCN4512       | 해양동물행동학 및 실험    |                 |               |        |
| OCN4405       | 연안생지화학          |                 | ○             | 3      |
| OCN2302       | 해양기상학           |                 |               |        |
| OCN3503       | 식물플랑크톤학 및 실험    |                 | ○             | 3      |

## College of Business Administration

# Business Administration

경영학

| Course Number | Course Title |                                        | Spring Semester | Fall Semester | Credit |
|---------------|--------------|----------------------------------------|-----------------|---------------|--------|
| BUS2101       | 재무관리         | Financial Management                   | ○               | ○             | 3      |
| BUS2201       | 조직행동         | Organizational Behavior                | ○               | ○             | 3      |
| BUS3201       | 리더십          | leadership                             | ○               |               | 3      |
| BUS3204       | 인적자원관리       | Human Resource Management              |                 | ○             | 3      |
| BUS2501       | 마케팅 원론       | Principles of Marketing                | ○               | ○             | 3      |
| BUS3510       | 디지털마케팅       | Digital Marketing                      | ○               |               | 3      |
| BUS3508       | 제품과 브랜드관리    | Product and Brand Management           | ○               |               | 3      |
| BUS3501       | 소비자행동론       | Consumer Behavior                      |                 | ○             | 3      |
| BUS2301       | 재무회계         | Financial Accounting                   | ○               | ○             | 3      |
| BUS2401       | 오퍼레이션 매니지먼트  | Operations Management                  | ○               | ○             | 3      |
| BUS3406       | 식스 시그마 품질관리  | Six Sigma Quality Management           |                 | ○             | 3      |
| BUS3901       | 환대서비스개론      | Introduction to Hospitality Management | ○               | ○             | 3      |
| BUS3701       | CSR경영전략과 사례  | CSR Strategy&Cases                     | ○               |               | 3      |

## College of Business Administration

### Finance

### 파이낸스경영학

| Course Number | Course Title |                                               | Spring Semester | Fall Semester | Credit |
|---------------|--------------|-----------------------------------------------|-----------------|---------------|--------|
| BUS3103       | 기업재무론        | Corporate Finance                             |                 | ○             | 3      |
| BUS2101       | 재무관리         | Financial Management                          |                 | ○             | 3      |
| GFB3201       | 파생상품         | Financial Derivatives                         |                 | ○             | 3      |
| GFB3404       | 주식 및 채권분석    | Analysis of Stock and Fixed Income Securities | ○               |               | 3      |
| GFB3403       | 화폐금융         | Money and Banking                             | ○               |               | 3      |
| GFB3405       | 국제금융         | International Finance and Banking             | ○               |               | 3      |
| GFB3101       | 투자론          | Investments                                   | ○               |               | 3      |

## College of Business Administration

### Logistics

### 아태물류학

| Course Number |            | Course Title                            | Spring Semester | Fall Semester | Credit |
|---------------|------------|-----------------------------------------|-----------------|---------------|--------|
| APL4321       | 물류비즈니스모델링  | Logistics Business Modeling             | ○               |               | 3      |
| APL4418       | 국제복합운송     | Intermodal Transportation               |                 |               | 3      |
| APL2405       | 항공운송론      | Air Transportation                      | ○               | ○             | 3      |
| APL2406       | 항공물류론      | Aviation Logistics                      | ○               |               | 3      |
| APL2103       | 국제물류론      | Global Logistics Management             | ○               | ○             | 3      |
| APL2202       | 제조물류       | Manufacturing Logistics                 |                 | ○             | 3      |
| APL2302       | 물류의사결정론    | Logistics Decision Making Theory        | ○               |               | 3      |
| APL3306       | 물류정보시스템    | Logistics Information System            | ○               | ○             | 3      |
| APL4423       | 글로벌물류혁신세미나 | Seminar on Global Logistics Excellence  |                 | ○             | 3      |
| APL4517       | 수요예측       | Demand Forecasting Methods and Practice | ○               | ○             | 3      |
| APL3413       | 공항경영론      | Airport Management                      | ○               | ○             | 3      |
| APL2207       | 물류회계       | Supply Chain Finance                    | ○               |               | 3      |

## College of Education

## English Language Education

## 영어교육

| Course Number | Course Title | Spring Semester | Fall Semester | Credit |
|---------------|--------------|-----------------|---------------|--------|
| EEG1514       | 영어교육입문및AI활용  |                 | ○             | 3      |
| EEG1521       | 영어청해연습 1     | ○               |               | 3      |
| EEG1522       | 영문독해연습 1     | ○               |               | 3      |
| EEG1531       | 실용영문법        | ○               |               | 3      |
| EEG2521       | 영어과교육과정및교재개발 | ○               |               | 3      |
| EEG2602       | 영문독해연습 2     |                 | ○             | 3      |
| EEG2612       | 영어교육론        |                 | ○             | 3      |
| EEG2621       | 영어청해연습 2     |                 |               | 3      |
| EEG2642       | 영문학개론        |                 |               | 3      |
| EEG3327       | 영문독해연습 3     | ○               |               | 3      |
| EEG3346       | 영어어휘연습       |                 | ○             | 3      |
| EEG3370       | 영어과교수능력계발    | ○               |               | 3      |
| EEG3705       | 영어교재연구및지도법   |                 | ○             | 3      |
| EEG4347       | 영미희곡교육       | ○               |               | 3      |
| EEG4405       | 영어과정중심평가     | ○               |               | 3      |
| EEG4406       | 영어교수법        | ○               |               | 3      |
| EEG4417       | 영어교육특강       |                 | ○             | 3      |
| EEG4431       | 영어학특강        |                 | ○             | 3      |

|         |              |                                                        |   |   |   |
|---------|--------------|--------------------------------------------------------|---|---|---|
| EEG4805 | 영미소설교육       | Reading in English and American Fiction                | ○ |   | 3 |
| EEG2201 | 중등수업의교과융합적설계 | Interdisciplinary Design of Secondary School Education |   | ○ | 2 |
| EEG3732 | 영문법연습및지도법    | English Grammar and its Teaching                       |   |   | 3 |
| EEG2613 | 영어과논리및논술     | Logic and Argumentation in English                     |   |   | 3 |
| EEG3371 | 영어교수의원리      | Development of EFL teaching skills                     | ○ |   | 3 |
| EEG2642 | 영문학개론        | Introduction to English Literature                     |   | ○ | 3 |

## College of Social Science

## Public Administration

## 행정학

| Course Number | Course Title | Spring Semester                             | Fall Semester | Credit |
|---------------|--------------|---------------------------------------------|---------------|--------|
| PAD2111       | 정책과정론        | The Public Policy Process:Theory & Practice |               | 3      |
| PAD2112       | 조직이론         | Organizational Theory                       |               | 3      |
| PAD2116       | 행정학 원강 2     | Readings in Public Administration 2         | ○             | 3      |
| PAD2209       | 정책학원론        | Introduction to Public Policy Studies       |               | 3      |
| PAD2214       | 행정학 원강 1     | Reading in Public Administration 1          | ○             | 3      |
| PAD2218       | 공공문제해결론      | Public Sector Problem-Solving Theories      |               | 3      |
| PAD3108       | 재무행정론        | Financial Administration                    |               | 3      |
| PAD3211       | 조직관리와 리더십    | Organizational Management and Leadership    |               | 3      |
| PAD3209       | 정책평가론        | Program Evaluation                          | ○             | 3      |
| PAD3115       | 행정계량분석       | Quantitative Analysis                       |               | 3      |

## College of Social Science

### Economics

### 경제학

| Course Number | Course Title |                          | Spring Semester | Fall Semester | Credit |
|---------------|--------------|--------------------------|-----------------|---------------|--------|
| ECO1101       | 경제원론 1       | Principles of Economics1 | ○               |               | 3      |
| ECO1102       | 경제원론 2       | Principles of Economics2 |                 | ○             | 3      |
| ECO2201       | 미시경제학        | Microeconomics           |                 | ○             | 3      |
| ECO2202       | 거시경제학        | Macroeconomics           |                 | ○             | 3      |
| ECO3305       | 현대경제학        | Modern Economics         | ○               |               | 3      |
| ECO3337       | 국제무역론        | International Trade      | ○               |               | 3      |
| ECO3348       | 젠더경제학        | Economics of Gender      |                 | ○             | 3      |
| ECO3343       | 노동경제학        | Labour Economics         | ○               |               | 3      |
| ECO3381       | 경제발전론        | Economic Development     |                 | ○             | 3      |

## College of Humanities

## English & European Studies

## 영미유럽인문융합학

| Course Number | Course Title   | Spring Semester                                        | Fall Semester | Credit |
|---------------|----------------|--------------------------------------------------------|---------------|--------|
| EES2105       | 서양아동청소년문학      | Western Children's and YA Literature                   | ○             | 3      |
| EES3402       | 서구문화원형과미디어     | Cultural Archetypes of the West and Media              | ○             | 3      |
| ENG2103       | 영미단편소설         | British & American Short Stories                       | ○             | 3      |
| ENG2201       | 영어학개론          | Introduction to English Linguistics                    | ○             | 3      |
| ENG2303       | 기술영어글쓰기        | Technical Writing                                      | ○             | 3      |
| ENG2401       | 표현영어글쓰기        | Expressive Writing                                     | ○             | 3      |
| ENG2403       | 영문학개론          | Introduction to English Literature                     | ○             | 3      |
| ENG3208       | 사회와 영어         | English in Societies                                   | ○             | 3      |
| ENG3313       | 현대영미문화산업       | British and American Culture Industry(Capstone Design) | ○             | 3      |
| ENG3404       | 고급영어토론과 프레젠테이션 | Advanced English Discussion & Presentation             | ○             | 3      |
| ENG4402       | 글로벌셰익스피어       | Global Shakespeare(Capstone Design)                    | ○             | 3      |
| ENG4403       | 디지털미디어서사연구     | Narrative and Digital Media                            | ○             | 3      |

## College of Arts and Sports

### Kinesiology

### 스포츠과학

| Course Number | Course Title | Spring Semester                          | Fall Semester | Credit |
|---------------|--------------|------------------------------------------|---------------|--------|
| KIN1017       | 인체기능해부학      | Human Anatomy                            | ○             | 3      |
| KIN2016       | 스포츠경영학       | Sport Business Administration            | ○             | 3      |
| KIN2103       | 운동생리학        | Exercise Physiology                      | ○             | 3      |
| KIN3016       | 스포츠전문영어      | Profession of Sport in English           | ○             | 2      |
| KIN3110       | 특수집단과운동      | Special Populations and Exercise         | ○             | 3      |
| KIN3208       | 스포츠마케팅       | Sports Marketing                         | ○             | 3      |
| KIN4103       | 병태생리학        | Pathological Physiology                  | ○             | 3      |
| KIN3112       | 운동손상학        | Sports Injuries                          | ○             | 3      |
| KIN3113       | 운동손상평가및실습    | Evaluation & Practice of Sports Injuries | ○             | 3      |
| KIN1102       | 성장발달과 건강     | Growth and Development in Health         | ○             | 3      |
| KIN2021       | 생체역학         | Biomechanics                             | ○             | 3      |
| KIN4208       | 스포츠판례연구      | Case Studies in Sport Law                | ○             | 3      |

## Division of Biological Sciences and Bioengineering

### Biological Engineering

### 생명공학

| Course Number | Course Title | Spring Semester                         | Fall Semester | Credit |
|---------------|--------------|-----------------------------------------|---------------|--------|
| BTE2101       | 유기화학 1       | Organic Chemistry1                      | ○             | 3      |
| BTE2202       | 생공이동현상       | Transport phenomena for bioengineer     | ○             | 3      |
| BTE2204       | 생물공학기초계산     | Biochemical Engineering Calculations    | ○             | 3      |
| BTE2206       | 생공기기분석       | Instrumental Analysis in Bioengineering | ○             | 3      |
| BTE2207       | 유기화학 2       | Organic Chemistry2                      |               | 3      |
| BTE3101       | 생물화학공학       | Biochemical Engineering                 | ○             | 3      |
| BTE3106       | 나노바이오공학개론    | Introduction to Nanobiotechnology       | ○             | 3      |
| BTE3109       | 세포배양공학       | Cell Culture Engineering                | ○             | 3      |
| BTE3112       | 생물반응공학       | Biological Reaction Engineering         | ○             | 3      |
| BTE4210       | 합성생물공학       | Synthetic Bioengineering                | ○             | 3      |
| BTE4202       | 생물분리공학       | Bioseparation Engineering               | ○             | 3      |
| BTE4203       | 식품생물공학       | Food Biotechnology                      | ○             | 3      |
| BTE4209       | 조직공학         | Tissue Engineering                      |               | 3      |