

CBE MAJOR ELECTIVE COURSES

순번	학수번호	교과목명	영문교과목명	학점(시수)	이수구분
1	CHBE226	공학수학II	ENGINEERING MATHEMATICS II	3(3)	전공선택
2	CHBE232	유기화학II	ORGANIC CHEMISTRY II	3(3)	전공선택
3	CHBE308	반도체화학공정	MICROELECTRONICS PROCESSING	3(3)	전공선택
4	CHBE310	분리공정	SEPARATION PROCESSES	3(3)	전공선택
5	CHBE312	석유공업화학	PETROLEUM INDUSTRIAL CHEMISTRY	3(3)	전공선택
6	CHBE317	지식경영 I	KNOWLEDGE MANAGEMENT I	2(2)	전공선택
7	CHBE318	지식경영 II	KNOWLEDGE MANAGEMENT II	2(2)	전공선택
8	CHBE319	양자및표면화학	QUANTUM AND SURFACE CHEMISTRY	3(3)	전공선택
9	CHBE320	공정제어	PROCESS CONTROL	3(3)	전공선택
10	CHBE321	생물공정공학	BIOPROCESS ENGINEERING	3(3)	전공선택
11	CHBE326	촉매반응공학	CATALYTIC REACTION ENGINEERING	3(3)	전공선택
12	CHBE329	수치해석	NUMERICAL ANALYSIS	3(3)	전공선택
13	CHBE339	미생물생명공학	MICROBIAL BIOTECHNOLOGY	3(3)	전공선택
14	CHBE342	화공재료과학	MATERIALS SCIENCE FOR CHEMICAL ENGINEERING	3(3)	전공선택
15	CHBE343	응용생화학	APPLIED BIOCHEMISTRY	3(3)	전공선택
16	CHBE347	고분자화학	POLYMER CHEMISTRY	3(3)	전공선택
17	CHBE389	공학현장실습 I	FIELD TRAINING I	3(3)	전공선택
18	CHBE399	공학현장실습 II	FIELD TRAINING II	3(3)	전공선택
19	CHBE402	에너지공학	ENERGY ENGINEERING	3(3)	전공선택
20	CHBE403	전기화학공학	ELECTROCHEMICAL ENGINEERING	3(3)	전공선택
21	CHBE406	생물분리공정	BIOSEPARATIONS ENGINEERING	3(3)	전공선택
22	CHBE413	의생명화학공학	BIOMEDICAL ENGINEERING FOR CHEMICAL ENGINEERS	3(3)	전공선택
23	CHBE414	효소공학	ENZYME ENGINEERING	3(3)	전공선택
24	CHBE417	공정및제품설계	PROCESS AND PRODUCT DESIGN	3(3)	전공선택
25	CHBE418	나노화학공학	NANOCHEMICAL ENGINEERING	3(3)	전공선택
26	CHBE419	고분자물성	POLYMER PROPERTIES	3(3)	전공선택
27	CHBE420	화공생명공학종합설계 I	CHEMICAL AND BIOLOGICAL ENGINEERING CAPSTONE DESIGN I	3(4)	전공선택
28	CHBE423	화공생명공학특강 I	SPECIAL LECTURE ON CHEMICAL AND BIOLOGICAL ENGINEERING I	3(3)	전공선택
29	CHBE428	유변학및고분자가공	RHEOLOGY AND POLYMER PROCESSING	3(3)	전공선택
30	CHBE430	화공생명공학종합설계 II	CHEMICAL AND BIOLOGICAL ENGINEERING CAPSTONE DESIGN II	3(4)	전공선택
31	CHBE441	학부세미나 I	DEPARTMENT SEMINAR I	1(1)	전공선택
32	CHBE442	학부세미나 II	DEPARTMENT SEMINAR II	1(1)	전공선택
33	CHBE495	공정제어응용	APPLICATION OF PROCESS CONTROL	3(3)	전공선택