

# CBE Major Elective Courses

2018.2.

	학수번호	교과목명	이수구분	학점 (시간)	영문교과목명
1	CHBE218	공업수학II	전공선택	3(3)	ENGINEERING MATHEMATICS II
2	CHBE232	유기화학II	전공선택	3(3)	ORGANIC CHEMISTRYII
3	CHBE310	분리공정	전공선택	3(3)	SEPARATION PROCESSES
4	CHBE320	공정제어	전공선택	3(3)	PROCESS CONTROL
5	CHBE329	수치해석	전공선택	3(3)	NUMERICAL ANALYSIS
6	CHBE308	반도체화학공정	전공선택	3(3)	MICROELECTRONICS PROCESSING
7	CHBE312	석유공업화학	전공선택	3(3)	PETROLEUM INDUSTRIAL CHEMISTRY
8	CHBE317	지식경영 I	전공선택	2(2)	KNOWLEDGE MANAGEMENT I
9	CHBE318	지식경영II	전공선택	2(2)	KNOWLEDGE MANAGEMENT II
10	CHBE319	양자및표면화학	전공선택	3(3)	QUANTUM AND SURFACE CHEMISTRY
11	CHBE321	생물공정공학	전공선택	3(3)	BIOPROCESS ENGINEERING
12	CHBE326	촉매반응공학	전공선택	3(3)	CATALYTIC REACTION ENGINEERING
13	CHBE339	미생물생명공학	전공선택	3(3)	MICROBIAL BIOTECHNOLOGY
14	CHBE342	화공재료과학	전공선택	3(3)	MATERIALS SCIENCE FOR CHEMICAL ENGINEERING
15	CHBE343	응용생화학	전공선택	3(3)	APPLIED BIOCHEMISTRY
16	CHBE347	고분자화학	전공선택	3(3)	POLYMER CHEMISTRY
17	CHBE389	공학현장실습 I	전공선택	3	FIELD TRAINING I
18	CHBE399	공학현장실습II	전공선택	3	FIELD TRAINING II
19	CHBE402	에너지공학	전공선택	3(3)	ENERGY ENGINEERING
20	CHBE403	전기화학공학	전공선택	3(3)	ELECTROCHEMICAL ENGINEERING
21	CHBE406	생물분리공정	전공선택	3(3)	BIOSEPARATIONS ENGINEERING
22	CHBE413	의생명화학공학	전공선택	3(3)	BIOMEDICAL ENGINEERING FOR CHEMICAL ENGINEERS
23	CHBE414	효소공학	전공선택	3(3)	ENZYME ENGINEERING
24	CHBE418	나노화학공학	전공선택	3(3)	NANOCHEMICAL ENGINEERING
25	CHBE419	고분자물성	전공선택	3(3)	POLYMER PROPERTIES
26	CHBE420	화공생명공학종합설계 I	전공선택	3(4)	CHEMICAL AND BIOLOGICAL ENGINEERING CAPSTONE DESIGN I
27	CHBE421	학부세미나 I	전공선택	1(2)	DEPARTMENT SEMINAR I
28	CHBE422	학부세미나II	전공선택	1(2)	DEPARTMENT SEMINARII
29	CHBE423	화공생명공학특강 I	전공선택	3(3)	SPECIAL LECTURE ON CHEMICAL AND BIOLOGICAL ENGINEERING I
30	CHBE424	화공생명공학특강II	전공선택	3(3)	SPECIAL LECTURE ON CHEMICAL AND BIOLOGICAL ENGINEERING II
31	CHBE417	공정및제품설계	전공선택	3(3)	PROCESS AND PRODUCT DESIGN
32	CHBE428	유변학및고분자가공	전공선택	3(3)	RHEOLOGY AND POLYMER PROCESSING
33	CHBE430	화공생명공학종합설계II	전공선택	3(4)	CHEMICAL AND BIOLOGICAL ENGINEERING CAPSTONE DESIGN II
34	CHBE495	공정제어응용	전공선택	3(3)	APPLICATION OF PROCESS CONTROL