

YEAR 1						
SEMESTER I						
COURSE CODE	COURSE TITLE (EN)	COURSE HOURS			NATIONAL CREDITS	ECTS
		T	P	L		
KIM 111	General Chemistry I	3	0	0	3	4
KIM 113	General Chemistry Laboratory I	0	0	3	2	3
KIM 103	Analytical Chemistry I	3	0	0	2	3
KIM 115	Introduction to Chemical Technology and Laboratory Techniques	2	0	0	2	2
BPR 101	Mathematics	3	0	0	3	5
GS 109	Occupational Health and Safety	2	0	0	2	2
KIM 109	General Physics	2	0	0	2	2
ING 111	General English I	2	0	0	2	2
TKL 111/ YTO 111	Turkish Language I / Turkish Language I for International Students	2	0	0	2	2
SEC 101	ELECTIVE COURSE 1 (University Elective)	3	0	0	3	5
YEAR 1						
SEMESTER II						
KIM 110	General Chemistry II	3	0	0	2	3
KIM 112	General Chemistry Laboratory II	0	0	3	2	2
KIM 114	Analytical Chemistry II	3	0	0	2	2
KIM 116	Analytical Chemistry Laboratory	0	0	3	2	2
KIM 118	Laboratory Quality Management	2	0	0	2	2
KIM 100	Internship	0	0	0	0	10
ING 112	General English II	2	0	0	2	2
TKL 112/ YTO 112	Turkish Language II / Turkish Language II for International Students	2	0	0	2	2
SEC 102	ELECTIVE COURSE 2 (University Elective)	3	0	0	3	5
YEAR 2						
SEMESTER III						
KIM 213	Industrial Chemistry	3	0	0	3	3
KIM 215	Organic Chemistry I	3	0	0	3	3
KIM 217	Physical Chemistry	3	0	0	3	3
KIM 219	Physical Chemistry Laboratory	0	0	3	3	3
KIM 221	Inorganic Chemistry	3	0	0	3	3
KIM 223	Inorganic Chemistry Laboratory	0	0	3	3	3
HIST 211/ YTT 211	Atatürk's Principles and History of the Turkish Revolution I / Atatürk's Principles and History of the Turkish Revolution I for International Students	2	0	0	2	2
SEC 201	ELECTIVE COURSE 3 (Departmental Elective)	3	0	0	3	5
SEC 203	ELECTIVE COURSE 4 (Departmental Elective)	3	0	0	3	5
YEAR 2						
SEMESTER IV						
KIM 216	Instrumental Analysis	2	0	0	2	3
KIM 218	Instrumental Analysis Laboratory	0	0	3	2	2
KIM 220	Organic Chemistry II	3	0	0	3	3
KIM 222	Organic Chemistry Laboratory	0	0	3	3	3
KIM 224	Process Control and Automation	3	0	0	3	3
KIM 226	Materials Science and Technology	2	0	0	2	2
KIM 210	Project Design and Reporting	0	2	0	2	2
HIST 212/ YTT 212	Atatürk's Principles and History of the Turkish Revolution II / Atatürk's Principles and History of the Turkish Revolution II for International Students	2	0	0	2	2
SEC 202	ELECTIVE COURSE 5 (Departmental Elective)	3	0	0	3	5
SEC 204	ELECTIVE COURSE 6 (Departmental Elective)	3	0	0	3	5