

CHEMICAL ENGINEERING EQUIVALENT COURSE TABLE

Chemical Engineering				Other Departments			
Code	Course Title	IZTECH Credit	ECTS	Code	Course Title	IZTECH Credit	ECTS
CHE 210	Numerical Methods in Engineering	(3-2)4	6	ESE 212	Numerical Methods in Energy Systems Engineering	(3-2)4	6
MSE 211	Materials Science and Engineering	(3-0)3	5	MSE 201	Materials Science and Engineering	(3-0)3	6
BE 208	Biochemistry	(3-0)3	5	MBG 301	Biochemistry I	(3+0)3	6
				CHEM 411	Biochemistry	(3-0)3	5
CHEM 221	Organic Chemistry	(4-0)4	5	CHEM 203	Organic Chemistry I	(3+2)4	5
CHEM 321	Physical Chemistry	(3-0)3	4	CHEM 303	Physical Chemistry I	(4+0)4	5
MBG 121	Biology I	(3-0)3	5	MBG 101	Biology I	(4+0)4	7
				CHEM 310	Chemical Biology	(3+0)3	5

CONDITIONS FOR TAKING EQUIVALENT COURSES:

- Equivalent courses can be taken in case of graduation status or if they are offered in the summer school.
- CHE-coded courses cannot be taken from other departments if they are being taken for the first time, except in cases of graduation status and summer school. However, if a CHE-coded course is being repeated, it can also be replaced with an equivalent course due to schedule conflicts, in addition to graduation status and summer school.
- Courses not included in the Chemical Engineering curriculum (non-CHE coded courses) cannot be taken as equivalent courses.
- Equivalent courses can be taken in accordance with the conditions mentioned above, in cases of schedule conflicts or graduation status.
- Approval from the Department Head of Chemical Engineering and the IZTECH Chemical Engineering Department Board is required for taking equivalent courses.
- Equivalent courses with lower ECTS credits should not be taken. When selecting these courses, the total ECTS required for graduation must be considered.