

Department of **Chemical Engineering**
Undergraduate - Ext Odd Semester Chemical Engineering
FACULTY OF INDUSTRIAL TECHNOLOGY
INSTITUT TEKNOLOGI SEPULUH NOPEMBER (ITS)

Smt	Code	Courses	Credits
1	TK1332	Chemical Engineering Principle I	3
1	TK1333	Transfer Processing I	3
1	TK1341	Chemical Engineering Mathematics II	3
1	TK1344	Chemical Engineering Thermodynamics I	3
1	TK1351	Chemical Reaction Technique I	3
1	TK1353	Chemical Engineering Operation II	3
2	TK1342	Chemical Engineering Principle II	3
2	TK1354	Chemical Engineering	3

Smt	Code	Courses	Credits
		Thermodynamics II	
2	TK1356	Applied Numerical Computing	3
2	TK1361	Chemical Reaction Technique II	3
2	TK1363	Chemical Engineering Operation III	3
2	TK1365	Process Control	3
7	IG1109	Technopreneurship	3
7	TK1371	Process Simulation and Synthesis	3
7	TK1372	Engineering Economics	2
7	TK1373	Chemical Plant Design	2

Smt	Code	Courses	Credits
7	TK1374	Chemical Fabric Design Assignment	4
7	TK1471	Purification and Separation Technology**	3
8	TK1281	Chemical Fabric Management	2
8	TK1282	Industrial Waste Management	3
8	TK1283	Chemical Plant Safety	2
8	TK1381	Practical Work	2
8	TK1481	Pollution Control Technology**	3
8	TK1581	Thesis	6

* Select one of those with stars

** Elective courses