

Course No.	Course Title	Credits			Prerequisite
		Th.	Pr.	Total	
	<u>A- Compulsory Courses (24 credit hours):</u>				
0404721	Advanced Transport Phenomena	3		3	
0404731	Advanced Separation Technologies	3		3	
0404732	Advanced Thermodynamics	3		3	
0404741	Advanced Chemical Reaction Engineering	3		3	
0404751	Advanced Process Dynamic and Control	3		3	
0404752	Research Methodology	3		3	
0404764	Environmental Impact Assessment	3		3	
0404781	Advanced Process Optimization	3		3	
0404701	Graduate Seminar	0		0	with 0707752
	<u>B- Elective Courses (9 credit hours)</u>				
0404733	Computational Fluid Dynamic	3		3	
0404761	Quality Assurance and Control	3		3	
0404763	Advanced Process Safety Engineering	3		3	
0404765	Advanced Solid Waste Treatment	3		3	
0404775	Water and Industrial Wastewater Treatment Technologies	3		3	
0404782	Renewable and Sustainable Energy	3		3	
0404797	Special Topics in Chemical Process Technologies	3		3	
	<u>C- Comprehensive exam (0 credit hour)</u>				
	Comprehensive exam	0		0	