Degree Plan for Master of Science in Chemical Engineering

Minimum No. of Credits for the Degree Plan = 30					
Core courses = 12 Credits					
Course Code	**Course Name**	**Credit Hours**	**Contact Hours**		**Pre-requisites/Co-requisites**
			Theory	**Practical**	
CHPE601	Advanced Chemical Reaction Engineering	3	3	0	
CHPE602	Transport Phenomena	3	3	0	
CHPE603	Advanced Chemical Engineering Thermodynamics	3	3	0	
CHPE604	Computational Fluid Dynamics	3	3	0	
Elective Courses = 12 Credits					
CHPE605	Nanotechnology And Nanoengineering	3	3	0	
CHPE606	Advanced Process Control	3	3	0	
CHPE607	Advanced Catalytic Processes	3	3	0	
CHPE608	Novel Separations	3	3	0	
CHPE609	Fluidization Engineering	3	3	0	
CHPE610	Natural Gas Processing	3	3	0	
CHPE611	Advanced Numerical and Statistical Analysis	3	3	0	
CHPE612	Principles of Polymer Conversion Operations	3	3	0	
CHPE613	Advanced Safety And Quantitative Risk Assessment	3	3	0	
CHPE614	Sustainable Energy	3	3	0	
Research= 06 Credits					
CHPE700	Thesis	6	0	6	