

## Course Description

Course Code	과목명(국문)	Course Title	학점
ECG001	이동현상특론	Advanced Transport Phenomena	3-3-0
ECG002	반응공학특론	Advanced Reaction Engineering	3-3-0
ECG003	화공열역학특론	Advanced Chemical Engineering Thermodynamics	3-3-0
ECG004	공정제어특론	Advanced Process Control	3-3-0
ECG005	공정보델링 및 시뮬레이션	Process Modelling and Simulation	3-3-0
ECG006	공장설계	Plant Design	3-3-0
ECG007	화공수학특론	Advanced Mathematics in Chemical Engineering	3-3-0
ECG008	분리공정특론	Advanced Separation Process	3-3-0
ECG009	분체공학특론	Advanced Particle Dynamics	3-3-0
ECG010	화공수치해석	Numerical Analysis in Chemical Engineering	3-3-0
ECG011	촉매공학특론	Advanced Catalyst Engineering	3-3-0
ECG012	환경공학	Environmental Engineering	3-3-0
ECG013	전기화학특론	Advanced Electrochemical Engineering	3-3-0
ECG016	연료전지특론	Advanced Fuel Cell	3-3-0
ECG017	태양전지특론	Advanced Solar Cell	3-3-0
ECG018	리튬전지특론	Advanced Lithium Battery	3-3-0
ECG019	화학공학 기기분석특론	Instrumental Analysis in Chemical Engineering	3-3-0
ECG020	유기화학특론	Advanced Organic Chemistry	3-3-0
ECG021	용액론	Solution Chemistry	3-3-0
ECG022	유변학특론	Advanced Rheology	3-3-0
ECG030	나노복합기술	Nano Technology	3-3-0
ECG031	나노바이오공학특론	Advanced nanobiotechnology	3-3-0
ECG032	화학공학세미나 1	Seminar in Chemical Engineering 1	3-3-0
ECG033	화학공학세미나 2	Seminar in Chemical Engineering 2	3-3-0
ECG034	연성나노공학	Soft Nanotechnology	3-3-0
ECG035	고분자가공모델링	Modelling of Polymer Processing	3-3-0
ECG036	응용전기화학공정	Applied Electrochemical Process	3-3-0
ECG026	석사논문연구	Master Paper Research Work	2-2-0
ECG027	박사논문연구(1)	Doctor Paper Research Work(1)	2-2-0
ECG028	박사논문연구(2)	Doctor Paper Research Work(2)	2-2-0