

Written QE Registration

Group	Name	Student Number	Advisor Professor	Courses

DQE Course List

Group	Course
Biological Chemistry	Advanced biological chemistry(고급생물화학) Advanced Analytical Chemistry(고급분석화학) Structural biochemistry(구조 생화학) X-ray protein crystal structure determination(X-선 단백질 구조 결정학) Practical protein NMR spectroscopy for structure determination(실용단백질 NMR 분광학)
Physical Chemistry	Advanced Quantum Chemistry I(고급양자화학I, =고급물리화학*) Molecular Spectroscopy(분자분광학) Advanced Quantum Chemistry II(고급양자화학II) Statistical Mechanics in Chemistry**(화학통계역학) Chemical Kinetics and Dynamics(화학반응속도론)
Synthetic Chemistry	Advanced Synthetic Organic Chemistry(고급합성화학) Advanced Physical Organic Chemistry(고급물리유기화학) Organometallic Chemistry(유기금속화학)
InOrganic Chemistry	Advanced Synthetic Inorganic Chemistry***(고급무기화학, Spectroscopy inorganic chemistry(생무기화학) 인정) Organometallic Chemistry(유기금속화학) Advanced Electrochemistry(고급전기화학 2021-2학기부터 개설)
Analytical chemistry	Advanced Analytical Chemisty(고급분석화학) Nanoscale Analytical Chemistry(나노분석화학) Advanced Electrochemistry(고급전기화학, 2021-2학기부터 개설)

* 2020.2학기부터 고급물리화학으로 교과목명 변경

** Course in GIST College

*** 2018년 Spectroscopy inorganic chemistry(생무기화학) 인정)