

2013 학년도 대학원 응용화학과 교육과정

◆ 교육과정 편성표

| 과목번호 | 과목명 | 영문명 | 학점 |
|---------|----------------|---|-------|
| APCH799 | 석사학위논문연구(응용화학) | Thesis : Applied Chemistry | 3-3-0 |
| APCH999 | 박사학위논문연구(응용화학) | Dissertation : Applied Chemistry | 3-3-0 |
| CHEM735 | 입체화학 | Stereochemistry | 3-3-0 |
| ELEC793 | 전자재료특론 | Advanced Electronic Material | 3-3-0 |
| INDC701 | 고급물리화학 | Advanced Physical Chemistry | 3-3-0 |
| INDC702 | 고급분석화학 | Advanced Analytical Chemistry | 3-3-0 |
| INDC703 | 고급분자분광학 | Advanced Molecular Spectroscopy | 3-3-0 |
| INDC704 | 세미나1 | Seminar1 | 3-3-0 |
| INDC705 | 세미나2 | Seminar2 | 3-3-0 |
| INDC711 | 전기화학특론 | Topics in Electrochemistry | 3-3-0 |
| INDC721 | 유기재료특론 | Topics in Organic Materials | 3-3-0 |
| INDC722 | 단량체합성공업 | Monomer Synthesis Industry | 3-3-0 |
| INDC723 | 고급유기공업화학 | Advanced Organic Industrial Chemistry | 3-3-0 |
| INDC724 | 유기합성특론 | Topics in Organic Synthesis | 3-3-0 |
| INDC725 | 석유화학특론 | Topics in Petroleum Chemistry | 3-3-0 |
| INDC726 | 정밀화학특론 | Topics in Fine Chemicals | 3-3-0 |
| INDC727 | 고급천연물화학 | Advanced Natural Products Chemistry | 3-3-0 |
| INDC728 | 유기금속화학 | Organometallic Chemistry | 3-3-0 |
| INDC729 | 유기분광분석 | Organic Spectroscopic Analysis | 3-3-0 |
| INDC731 | 고급배위화학 | Advanced Coordination Chemistry | 3-3-0 |
| INDC732 | 고급무기공업화학 | Advanced Inorganic Industrial Chemistry | 3-3-0 |
| INDC733 | 촉매화학특론1 | Topics in Catalytic Chemistry1 | 3-3-0 |
| INDC734 | 촉매화학특론2 | Topics in Catalytic Chemistry2 | 3-3-0 |
| INDC735 | 무기재료특론1 | Topics in Inorganic Materials1 | 3-3-0 |
| INDC736 | 무기재료특론2 | Topics in Inorganic Materials2 | 3-3-0 |
| INDC737 | 결정학 | Crystallography | 3-3-0 |
| INDC738 | 무기재료화학 | Inorganic Material Chemistry | 3-3-0 |
| INDC739 | 무기분광분석 | Inorganic Spectroscopic Analysis | 3-3-0 |
| INDC741 | 응용양자화학 | Applied Quantum Chemistry | 3-3-0 |
| INDC901 | 분자구조론 | Molecular Structure | 3-3-0 |
| INDC911 | 환경화학특론 | Topics in Environmental Engineering Chemistry | 3-3-0 |
| INDC921 | 유기공업화학특론 | Topics in Organic Industrial Chemistry | 3-3-0 |
| INDC922 | 응용유기반응론 | Applied Organic Reaction Mechanism | 3-3-0 |
| INDC923 | 계면활성제특론 | Topics in Surfactants | 3-3-0 |
| INDC924 | 유기합성설계론 | Designing Organic Synthesis | 3-3-0 |
| INDC925 | 헤테로화합물합성 | Synthesis of Heterocyclic Compounds | 3-3-0 |
| INDC926 | 비대칭합성특론 | Chirotechnology | 3-3-0 |
| INDC927 | 고분자공업특론 | Topics in Polymer Industry | 3-3-0 |
| INDC928 | 유기금속화학특론 | Topics in Organometallic Chemistry | 3-3-0 |
| INDC931 | 착물화학특론 | Topics in Coordination Chemistry | 3-3-0 |
| INDC932 | 표면화학특론1 | Topics in Surface Chemistry1 | 3-3-0 |
| INDC933 | 표면화학특론2 | Topics in Surface Chemistry2 | 3-3-0 |
| INDC934 | 무기합성특론 | Topics in Inorganic Synthesis | 3-3-0 |
| INDC936 | 무기공업화학특론 | Topics in Inorganic Industrial Chemistry | 3-3-0 |
| INDC937 | 결정구조분석 | Crystal Structure Analysis | 3-3-0 |
| INDC938 | 고급무기반응론 | Advanced Inorganic Reaction Mechanism | 3-3-0 |
| INDC941 | 고체화학특론 | Topics in Solid Chemistry | 3-3-0 |

