

1. 교육목표

- 화학분야에 대한 고도의 전문지식을 바탕으로 하여 학문발전에 기여할 수 있는 인재양성
- 화학분야에 대한 독창적인 연구능력을 배양하여 전문인으로서 사회에 봉사할 수 있는 인재양성

2. 교수명단

성명	직위	학위	전공분야
이 상 협	교수	이학박사	유기화학
엄인용★	교수	이학박사	분석화학

3. 학과사무실 ☎ 850 - 3728

4. 교육과정

<석사과정>

500159	전기분석화학2(Electroanalytical Chemistry 2)	3
500161	고급분광분석2(Advanced Spectroscopic Analysis)	3
500163	고급분자분광학(Advanced Molecular Spectroscopy)	3
500164	분석화학연구실험2(Research Work in Analytical Chemistry 2)	3
500166	고급분광분석1(Advanced Spectroscopic Analysis)	3
500175	전기분석화학1(Electroanalytical Chemistry I)	3
500373	분석화학연구실험1(Research Work in Analytical Chemistry1)	3
577502	고급유기화학(Advanced Organic Chemistry)	3
577506	고급유기구조론(Advanced Structural Organic Chemistry)	3
577507	고급유기금속화학(Advanced Organometallic Chemistry)	3
577512	화학반응속도론(Chemical Kinetics)	3
577514	고급유기반응론(Advanced Organic Reactions)	3
577515	무기구조론(Structural Inorganic Chemistry)	3
577516	고급무기반응론(Advanced Inorganic Reactions)	3
577517	고급기기분석(Advanced Instrumental Analysis)	3
577519	계산화학(Computational Chemistry)	3
577521	무기합성(Inorganic Synthesis)	3
577524	고급화학결합론(Advanced Chemical Bonding)	3
577525	유기합성(Organic Synthesis)	3
777731	전기화학(Electrochemistry)	3
501110	고급배위화학(Advanced Coordination Chemistry)	3
501111	고급고체화학(Advanced Solid Chemistry)	3

501112	무기합성2(Inorganic Synthesis 2)	3
577511	고급양자화학(Advanced Quantum Chemistry)	3
577528	헤테로고리화합물화학(Heterocyclic Dumbfound Chemistry)	3
577529	유기화학특별실험1(Special Experiment in Organic Chemistry 1)	3
577530	유기화학특별실험2(Special Experiment in Organic Chemistry 2)	3
777727	물리유기화학(Physical Organic Chemistry)	3

 <박사과정>

777701	유기화학특론(Topics in Organic Chemistry)	3
777702	무기화학특론(Topics in Inorganic Chemistry)	3
777703	물리화학특론(Topics in Physical Chemistry)	3
777705	유기분광학특론(Topics in Organic Spectroscopy)	3
777714	분리분석(Separation Analysis)	3
777716	무기화학특별연구(Special Research in Inorganic Chemistry)	3
777717	물리화학특별연구(Special Research in Physical Chemistry)	3
777718	분석화학특별연구(Special Research in Analytical Chemistry)	3
777719	무기화학세미나(Inorganic Chemistry Seminar)	3
777721	물리화학세미나(Physical Chemistry Seminar)	3
777722	분석화학세미나(Analytical Chemistry Seminar)	3
777723	물리화학연구실험(Research Work in Physical Chemistry)	3
777725	무기화학연구실험(Research Work in Inorganic Chemistry)	3
777728	결정학(Crystallography)	3
777734	헤테로고리화학1(Heterocyclic Chemistry 1)	3
777739	헤테로고리화학2(Heterocyclic Chemistry 2)	3
777742	유기화학세미나1(Organic Chemistry Seminar 1)	3
777743	유기화학세미나2(Organic Chemistry Seminar 2)	3
501113	무기화학특별연구2(Special Research in Inorganic Chemistry 2)	3
501114	무기화학연구실험2(Research Work in Inorganic Chemistry 2)	3
777704	분석화학특론(Topics in Analytical Chemistry)	3
777708	전기분석화학특론(Topics in Electroanalytical Chemistry)	3
777713	응용양자화학(Applied Quantum Chemistry)	3
777729	크로마토그래피(Chromatography)	3
777733	기기분석특론(Topics in Instrumental Analysis)	3
777737	통계열역학(Statistical Thermodynamics)	3
777744	유기화학연구실험1(Research Work in Organic Chemistry 1)	3
777792	분자분광학특론(Topics in Molecular Spectroscopy)	3

 <석. 박사 공통>

500153	고급분석화학1(Advanced Analytical Chemistry 1)	3
500154	고급물리화학1(Advanced Physical Chemistry 1)	3
500155	고급분석화학2(Advanced Analytical Chemistry 2)	3
500156	고급물리화학2(Advanced Physical Chemistry 2)	3
501673	고급무기화학1(Advanced Inorganic Chemistry 1)	3
577503	고급무기화학(Advanced Inorganic Chemistry)	3
777740	유기화학특별연구1(Special Research in Organic Chemistry 1)	3
777741	유기화학특별연구2(Special Research in Organic Chemistry 2)	3
501115	고급무기화학2(Advanced Inorganic Chemistry 2)	3