

Curriculum

Course Code	과목명(국문)	Course Title	학점
MXG001	바이오센서	Biosensor	3-3-0
MXG002	카본 나노재료	Carbon Nanomaterials	3-3-0
MXG003	반도체공학	Semiconductor Engineering	3-3-0
MXG004	표면개질공학	Surface modification Engineering	3-3-0
MXG005	바이오센서세미나	Seminar in Biosensor	3-3-0
MXG006	고급생화학	Advanced Biochemistry	3-3-0
MXG007	단백질화학	Protein Chemistry	3-3-0
MXG008	의약화학	Medicinal Chemistry	3-3-0
MXG009	생화학특론	Special Topics in Biochemistry	3-3-0
MXG010	응용화학세미나	Seminar in Applied Chemistry	3-3-0
MXG011	방사선의료영상기기특론	Radiation based Medical Imaging Instrumentation	3-3-0
MXG012	방사선검출및계측	Radiation Detection and Measurement	3-3-0
MXG013	공학논문작성	Technical Paper Writing	3-3-0
MXG014	의료기기	Biomedical Instrumentation	3-3-0
MXG015	의료영상세미나	Seminar in Medical Imaging	3-3-0
MXG016	제약공학	Pharmaceutical Engineering	3-3-0
MXG017	혈류역학	Hemodynamics	3-3-0
MXG018	고급유체역학	Intermediate Fluid Mechanics	3-3-0
MXG019	분체공학	Powder Technology	3-3-0
MXG020	심장생리학	Heart Physiology	3-3-0
MXG021	바이오시뮬레이션	Bio-simulation	3-3-0
MXG022	생체역학	Biomechanics	3-3-0
MXG023	인공장기	Artificial Organs	3-3-0
MXG024	수치해석	Numerical Analysis	3-3-0
MXG025	의용생체공학특강	Special Topics in Bioengineering	3-3-0
MXG026	의료영상공학론	Theory and Application of Medical Images	3-3-0
MXG027	의료영상처리특론	Topics in Medical Image	3-3-0

		Processing	
MXG028	생체신호처리	Biomedical Signal Processing	3-3-0
MXG034	영상의료기기반도체집적회로	Imaging Modalities Integrated Circuits	3-3-0
MXG035	의료초음파트랜스듀서	Medical Ultrasound Transducers	3-3-0
MXG036	의료초음파시스템세미나	Medical Ultrasound System Seminar	3-3-0
MXG037	광음향시스템세미나	Photoacoustic System Seminar	3-3-0
MXG038	세포생물학	Cell Biology	3-3-0
MXG039	레이저와 조직	Laser-Tissue Interaction	3-3-0
MXG040	신경신호분석기법	Neural Signal Analysis	3-3-0
MXG041	고급의용통계	Advanced Biomedical Statistics	3-3-0
MXG042	의용기계학습 개론	Introduction to Biomedical Machine Learning	3-3-0
MXG043	인턴십 5	Internship 5	3-0-0
MXG044	의용인공지능	Biomedical Artificial Intelligent	3-3-0
MXG045	의용제어공학	Biomedical Control System	3-3-0
MXG046	의료 인공지능 세미나	Seminar in Medical Artificial Intelligent	3-3-0
MXG047	뇌-컴퓨터 인터페이스 개론	Introduction to Brain-Computer Interface	3-3-0
MXG031	석사 논문연구	Master Thesis Research	2-2-0
MXG032	박사 논문연구 1	Doctoral Dissertation Research 1	2-2-0
MXG033	박사 논문연구 2	Doctoral Dissertation Research 2	2-2-0