

□ 산업복지대학원 교육과정 소개

● 생명산업학 전공

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	AG391	논문연구(Research for the Master's Degree)	3		
	AG392	세미나(Seminar)	3		
	AG302	식물생리학특론(Advanced Plant Physiology Science)	3		
	AG306	식용작물학특론 I (Advanced Rice Culture I)	3		
	AG308	공예작물학특론(Advanced Industrial Crops)	3		
	AG309	재배학특론(Advanced Crop Cultivation)	3		
	AG311	환경농업특론(Advanced Environmental Agriculture)	3		
	AG314	농업유전학특론(Advanced Agricultural Genetics)	3		
	AG330	토양학특론(Advanced Soil Science)	3		
	AG331	식물영양학특론(Advanced Plant & Nutrition Science)	3		
	AG332	식물보호학특론(Advanced Plant Protection)	3		
	AG333	식물육종학특론(Advanced Plant Breeding Science)	3		
	AG334	실험통계학특론(Advanced Experiment Statistics Science)	3		
	AG335	식물분자생물학특론(Advance Plant Molecular Biology Science)	3		
	AG336	생화학특론(Advanced Biochemistry)	3		
	AG337	생약자원식물학특론(Advanced Medicinal Herbology)	3		
	AG338	약용작물가공학특론(Advanced Medicinal Crop Processing)	3		
	AG339	생약자원연구법(Study on Crude Drug Resources)	3		
	AG340	활성물질탐색(Investigation of Bioactive Compounds)	3		
	AG341	식물유전공학특론(Advanced Plant Genetic Engineering)	3		
AG342	한방약리학특론(Advanced Herbal Medicine Pharmacology)	3			
AG409	종자생산학특론(Advanced Seed Production)	3			
AG410	바이오신소재특론 I (Advanced Bio New Materials I)	3			

○ 동물생명과학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	AS301	생화학특론(Advanced Biochemistry)	3		
	AS302	실험설계법(Experimental Design)	3		
	AS311	반추동물영양학특론(Advanced Ruminant Nutrition)	3		
	AS315	동물발생공학특론(Advanced Animal Biotechnology)	3		
	AS321	동물유전학특론(Advanced Animal Genetics)	3		
	AS334	응용동물번식학특론(Advanced Applied Animal Reproduction)	3		
	AS335	동물사양학특론(Advanced Animal Feeding and Nutrition)	3		
	AS338	유전공학특론(Advanced Genetic Engineering)	3		
	AS398	반려동물학특론(Advanced Companion Animal Science)	3		
	AS341	동물질병학특론(Advanced of Animal Nasography)	3		
	AS306	가금학특론(Advanced Poultry Science)	3		
	AS344	마학특론(Advanced Equine Science)	3		
	AS345	동물매개치료학특론(Advanced Assisted Therapeutics)	3		
	AS346	동물육종학특론(Advanced Animal Breeding)	3		
전공 선택	AS399	동물번식생리학특론 (Advanced Reproductive Physiology of Domestic Animal)	3		
	AS349	동물세포배양학특론(Advanced Animal Cell Culture)	3		
	AS351	영양화학분석특론 (Advanced Analysis of Nutritional Compounds)	3		
	AS352	영양생리학특론 I(Advanced Nutritional Physiology I)	3		
	AS353	영양생리학특론 II(Advanced Nutritional Physiology II)	3		
	AS354	사료자원학특론(Advanced Feed Science & Technology)	3		
	AS355	친환경동물산업특론 (Advanced Environmentally Friendly Animal Industry)	3		
	AS357	동물행동학특론(Advanced Behavioral Ecology)	3		
	AS358	분자생물학특론 I(Advanced Molecular Biology I)	3		
	AS359	분자생물학특론 II(Advanced Molecular Biology II)	3		
	AS392	세미나(Seminar)	3		
AS393	석사 논문연구(Research for the Master's Degree)	3			

○ 원예과학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	HO391	논문연구(Research for the Master's Degree)	3		
	HO392	세미나(Seminar)	3		
	HO302	식물생리학특론(Advanced Plant Physiology)	3		
	HO305	채소학특론(Advanced Vegetable Science)	3		
	HO306	과수학특론(Advanced Pomology)	3		
	HO307	화훼학특론(Advanced Floricultural Science)	3		
	HO308	시설원예학특론(Advanced Protected Horticultural Science)	3		
	HO309	원예생산공학특론 (Advanced Modern Technology of Horticultural Production)	3		
	HO310	원예작물생리장해론(Physiological Disorders in Horticultural Crops)	3		
	HO311	화훼개화조절론(Flowering Control of Floral Crops)	3		
	HO320	원예작물육종학특론(Advanced Horticultural Crop Breeding)	3		
	HO321	원예장식학특론(Advanced Horticultural Decoration)	3		
	HO322	종자학특론(Advanced Seed Science)	3		
	HO323	정원과문화특론(Advanced of Garden & Culture)	3		
	HO324	친환경식물병방제학특론 (Advanced Environment-Friendly Plant Disease Management)	3		
	HO325	식물병리학특론(Advanced Plant Pathology)	3		
	HO326	유전학특론(Advanced Plant Genetics)	3		
	HO327	환경생태식물학특론(Advanced Environmental Ecology Botany)	3		
	HO329	식물병저항성특론(Advanced Plant Disease Resistance)	3		
	HO330	식물병해진단학특론(Plant Disease Diagnostics)	3		
	HO331	절화양액재배특론(Advanced Hydroponic Culture for Cut Flower)	3		
	HO332	분화재배특론(Advanced Technique for Pot-plant)	3		
	HO333	조사방법론(Survey Methodology)	3		
	HO334	친환경원예학(Harmony with Environmental Horticultural)	3		
	HO335	식물개화조절론(Plant Flowering Control)	3		
	HO336	식물병리학(Plant Pathology)	3		
	HO394	실험통계학특론(Advanced Experimental Statistics)	3		
	HO405	식물환경스트레스생리학(Plant Abiotic Stress Physiology)	3		
	HO408	잡초과학특론(Advanced Weed Science)	3		

○ 동물소재공학분야

이수 구분	교과목 코드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	IL393	논문연구 I (Research for the Master's Degree)	3		
	IL395	세미나 I (Seminar for the Master's Degree I)	3		
	IL396	세미나 II (Seminar for the Master's Degree II)	3		
	IL399	실험설계 및 통계법(Experimental Design & Statistics)	3		
	IL301	돈유전학특론(Advanced Pig Genetics)	3		
	IL302	동물분자육종학특론(Advanced Animal Molecular Breeding)	3		
	IL309	식육학특론(Advanced Meat Science)	3		
	IL310	육가공학특론(Advanced Meat Products Processing)	3		
	IL318	생화학특론(Advanced Biochemistry)	3		
	IL324	동물소재공학연구법(Basic Research in Bioproducts Technology)	3		
	IL325	동물환경학특론(Advanced Environment Control for Farm Animals)	3		
	IL327	생식공학특론(Advanced Reproduction Biotechnology)	3		
	IL328	생식세포공학특론(Advanced Embryo and Gamete Biotechnology)	3		
	IL332	돈사양학특론(Advanced Swine Feeding Technology)	3		
	IL335	후성유전학특론(Advanced Epigenetics)	3		
	IL343	오믹스 연구 특론(Advanced Omics Research)	3		
	IL344	오믹스 분석 특론(Advanced Omics Analysis)	3		
	IL345	생물정보학특론(Advanced Bioinformatics)	3		
	IL346	세포생물학특론(Advanced Cell Biology)	3		
	IL347	동물영양학특론 I (Advanced Animal Nutrition I)	3		
	IL348	동물사양학특론(Advanced Animal Feeding Technology)	3		
	IL349	동물사료자원학특론(Advanced Animal Feed Technology)	3		
	IL350	동물영양학특론 II (Advanced Animal Nutrition II)	3		
	IL351	사료생물공학특론(Advanced Feed Biotechnology)	3		
	IL352	동물성식품가공학특론(Advanced Animal Food Processing)	3		
	IL353	신선육가공학특론(Advanced Fresh Meat Processing)	3		
	IL354	식육식품관리학특론(Advanced Meat Products Management)	3		
	IL355	동물성식품법규특론(Advanced Animal Food Laws)	3		
	IL356	동물성식품분석학특론(Advanced Animal Food Analysis)	3		
	IL357	동물행동학특론(Advanced Animal Behaviour)	3		

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전공 선택	IL358	동물복지학특론(Advanced Animal Welfare)	3		
	IL359	동물자원순환특론(Advanced Animal Resources Recycling)	3		
	IL360	동물폐기물처리공학(Animal Waste Treatment)	3		
	IL361	친환경유기축산 (Environmental Friendly Organic Animal Farming)	3		
	IL362	동물생산시스템인증제 (Animal Production System Assurance Program)	3		
	IL363	동물내분비학(Animal Endocrinology)	3		
	IL364	성장생물학(Growth Biology)	3		
	IL365	동물분자생물학특론(Advanced Animal Molecular Biology)	3		
	IL366	미생물분자생물학특론(Advanced Microbial Molecular Biology)	3		
	IL367	동물유전체학특론(Advanced Animal Genomics)	3		
	IL368	미생물유전체학특론(Advanced Microbial Genomics)	3		
	IL370	수정란이식특론(Advanced Embryo Transfer)	3		
	IL371	형질전환동물생산(Production of Transgenic Animal)	3		
	IL373	근육식품생산관리특론(Advanced Muscle Food Management)	3		
	IL374	근육식품위생안전공학특론(Advanced Muscle Food Hygiene)	3		
	IL375	근육식품유통품질공학특론 (Advanced Marketing and Quality of Muscle Food)	3		
	IL376	근육식품화학특론(Advanced Muscle Food Biochemistry)	3		
	IL377	근육식품미생물학특론(Advanced Muscle Food Microbiology)	3		
	IL378	근육식품영양학특론(Advanced Muscle Food Nutrition)	3		
	IL400	마학특론(Advanced Hippology)	3		
	IL401	재활승마(Therapeutic Riding)	3		
	IL402	마술학 특론(Advanced Horse Riding)	3		
	IL403	말 조련 특론(Advanced Horse Training)	3		

○ 식품과학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비 고
			이 론	실 습	
전공 선택	FP401	논문연구 I (Research for the Master's Degree)	3		
	FP392	세미나(Seminar)	3		
	FP301	식품화학특론(Advanced Food Chemistry)	3		
	FP303	식품위생학특론(Advanced Food Hygiene)	3		
	FP305	식품공학특론(Advanced Food Engineering)	3		
	FP306	수산식품가공학특론(Advanced Marine Food Processing)	3		
	FP307	식품재료학특론(Advanced Food Materials)	3		
	FP308	농산식품가공학특론(Advanced Agricultural Food Processing)	3		
	FP311	식품분석학특론(Advanced Food Analysis)	3		
	FP312	식품천연물학특론(Advanced Natural Products in Food)	3		
전공 선택	FP313	식품미생물학특론(Advanced Food Microbiology)	3		
	FP314	발효공학특론(Advanced Fermentation Technology)	3		
	FP320	식품생화학특론(Advanced Food Biochemistry)	3		
	FP321	고급영양학특론(Advanced Nutrition)	3		
	FP322	임상영양학특론(Advanced Clinical Nutrition)	3		
	FP326	식품분자생물학특론(Advanced Food & Molecular Biology)	3		
	FP403	영양생리학특론 (Advanced Nutritional Physiology)	3		
	FP405	기능성 식품과 영양유전체학 (Functional Foods and Nutrigenomics)	3		
	FP407	항산화 영양 (Antioxidants in Nutrition)	3		
	FP408	비타민과 무기질 영양 (Vitamins and Minerals in Nutrition)	3		

○ 제약공학분야

이수 구분	교과목 코드	교 과 목 명 (영문표기)	학점		비고
			이론	학습	
전공 선택	PE391	논문연구 I (Research for the Master's Degree)	3		
	PE394	세미나 I (Seminar I)	3		
	PE302	생물공학특론(Advanced Biochemical Engineering)	3		
	PE303	생화학특론(Advanced Biochemistry)	3		
	PE304	식품미생물학특론(Advanced Food Microbiology)	3		
	PE305	분자생물학특론(Advanced Molecular Biology)	3		
	PE306	기기분석특론(Advanced Instrumental Analysis)	3		
	PE307	항생물질학특론(Advanced Antibiotics)	3		
	PE310	효소학특론(Advanced Enzymology)	3		
	PE329	약품분석화학특론(Advanced Pharmaceutical Analytical Chemistry)	3		
	PE312	유지가공학특론(Advanced Oil & Fat Processing)	3		
	PE313	유전공학특론(Advanced Genetic Engineering)	3		
	PE314	면역학특론(Advanced Immunology)	3		
	PE315	화장품학특론(Advanced Cosmetology)	3		
전공 선택	PE330	기능성식품학특론(Advanced Functional Food Science)	3		
	PE317	보건위생학특론(Advanced Health Hygiene)	3		
	PE318	미생물학특론(Advanced Microbiology)	3		
	PE319	독성학특론(Advanced Toxicology)	3		
	PE320	GLP특론(Advanced Good Laboratory Practice)	3		
	PE321	환경미생물학특론(Advanced Environmental Microbiology)	3		
	PE322	천연물약학특론(Advanced Pharmaceutical Science of Natural Products)	3		
	PE323	생물신소재공학특론(Advanced Application of Bioactive Materials)	3		
	PE397	제제공학특론(Advanced Pharmaceutical Formulation Engineering)	3		
	PE398	물리약학특론 (Advanced Physical Pharmacy)	3		
	PE399	고형제제학특론 (Advanced Solid Dosage Formulation)	3		
PE400	GMP특론 (Advanced Good Manufacturing Practice)	3			

● 녹색건설환경공학전공

○ 토목공학분야

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			이론	실습	
전공 선택	CE391	논문연구(Research for the Master's Degree)	3		
	CE393	박사논문연구 I (Research for the Doctoral Degree I)	3		
	CE394	박사논문연구 II (Research for the Doctoral Degree II)	3		
	CE392	세미나(Seminar)	3		
	CE318	환경영향평가(Environmental Impact Assessment)	3		
	CE319	하천환경공학(River Environment engineering)	3		
	CE348	상수도공학특론(Advanced Water Supply Engineering)	3		
	CE349	하수도공학특론(Advanced Sewer Treatment Engineering)	3		
	CE312	개수로수리학(Open Channel Hydraulics)	3		
	CE313	수문학특론(Advanced Hydrology)	3		
	CE314	하천공학특론(Advanced River Engineering)	3		
	CE315	해안공학특론(Advanced Coastal Engineering)	3		
	CE316	수자원공학특론(Advanced Water Resources)	3		
	CE350	유체역학특론(Advanced Fluid Mechanics)	3		
	CE351	유사이동론(Theory of Sediment Transport)	3		
	CE352	수문통계학(Statistical Hydrology)	3		
	CE303	유한요소법(Finite Elements Method)	3		
	CE304	탄소성이론(Elasto and Plastic Theory)	3		
	CE328	재료역학특론(Advanced Mechanics of Materials)	3		
	CE330	구조동역학(Structural Dynamics)	3		
	CE332	복합재료특론(Advanced Composite Materials)	3		
	CE308	토질역학특론(Advanced Soil Mechanics)	3		
	CE309	기초공학특론(Advanced Foundation Engineering)	3		
	CE310	지반안정론(Stability of Ground)	3		
	CE311	암반공학특론(Advanced Rock Mass Engineering)	3		

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			이론	실습	
전공 선택	CE340	연약지반특론(Soft Ground Engineering)	3		
	CE341	토질구조물의 신뢰성이론(Reliability Analysis of Earth Structures)	3		
	CE342	토목지질공학특론(Engineering Geology in Civil Engineering)	3		
	CE343	흙의 전단강도(Shear Strength of Soils)	3		
	CE344	도로공학특론(Advanced Highway Engineering)	3		
	CE345	토질구조물설계(Earth Structure Design)	3		
	CE346	터널공학(Tunnel Engineering)	3		
	CE347	지반구조물 내진설계 (Earthquake Resistance Design of Substructure)	3		
	CE320	토목시공학특론(Advanced Construction Works)	3		
	CE321	건설공사관리특론(Advanced Construction Management)	3		
	CE322	공정계획특론(Advanced Construction Planning)	3		
	CE353	위험도관리 및 의사결정론 (Risk Management and Decision Making)	3		
	CE354	가치공학 및 LCC(Value Engineering & Life Cycle Cost)	3		
	CE355	건설생산성(Construction Productivity)	3		
	CE356	건설정보화(Computer Application in Construction)	3		
	CE357	건설계약 및 원가관리(Construction Contract Cost Management)	3		
	CE358	건설자동화(Automation in Construction)	3		
	CE323	측량학특론(Advanced Survey)	3		
	CE324	사진측량학특론(Advanced Photogrammetry)	3		
	CE400	인공위성 측량학(Satellite Surveying)	3		
	CE359	원격탐사(Remote Sensing)	3		
	CE360	지도투영론(Map Projection)	3		
	CE361	물리측지학(Physical Geodesy)	3		
	CE362	위성측지학(Satellite Geodesy)	3		
	CE363	지형공간정보분석(Spatial Information Analysis)	3		
	CE401	측지학(Geodesy)	3		

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	CE365	지적측량학특론(Advanced Cadastral Survey)	3		
	CE365	지적측량학특론(Advanced Cadastral Survey)	3		
	CE307	철근콘크리트특론(Advanced Reinforced Concrete)	3		
	CE329	P·C콘크리트특론(Advanced Prestressed Concrete)	3		
	CE336	구조물 내진설계(Seismic Design of Structure)	3		
	CE337	연속체역학(Continuum Mechanics)	3		
	CE339	시설물 내구성 및 유지관리 (Durability and Maintenance of Infra-Structure)	3		
	CE395	판 이론(Theory of Plates)	3		
	CE396	콘크리트 구조의 장기거동 (Long-term Behavior of Concrete Structures)	3		
	CE331	교량공학특론(Advanced Bridge Engineering)	3		
	CE333	구조안정론(Structural Stability)	3		
	CE334	강구조특론(Advanced Steel Structure)	3		
	CE335	피로/파괴역학특론(Advanced Fatigue and Fracture Mechanics)	3		
	CE397	경계요소해석(Boundary Element Analysis)	3		
	CE398	비선형 구조해석(Nonlinear Analysis of Structures)	3		
	CE399	강구조물 유지관리(Maintenance of Steel structure)	3		

○ 조경학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	LA391	논문연구(Research for the Master's Degree)	3		
	LA392	세미나(Seminar)	3		
	LA303	생태조경론(Theories of Ecological Landscape Architecture)	3		
	LA304	조경사특론(Advanced History of Landscape Architecture)	3		
	LA305	조경건설재료특론(Advanced Landscape Construction Materials)	3		
	LA306	조경수목학특론(Advanced Woody Landscape Plants)	3		
	LA307	조경재료연구(Study of Landscape Architecture Materials)	3		
	LA308	생태복원특론(Advanced Ecological Restoration)	3		
	LA311	조경시공연구(Study of Landscape Construction)	3		
	LA312	조경경영분석특론 (Advanced Management Analysis of Landscape Architecture Business)	3		
	LA313	조경관리특론(Advanced Landscape Management)	3		
	LA314	조경관리연구(Study of Landscape Management)	3		
	LA315	연구방법론(Research Methodology)	3		
	LA316	통계학(Statistics)	3		
	LA317	조경디자인특론(Advanced Landscape Architectural Design)	3		
	LA318	친환경단지계획론(Sustainable Site Planning & Design)	3		
	LA319	도시녹화공학최신과제 (Contemporary Issues in Urban Green Technology)	3		
	LA320	녹화기술캡스톤디자인(Capstone Design in Greening Technology)	3		
	LA321	골프코스실무연구(Practical Study on Golf Course Construction)	3		
	LA322	친환경골프코스최신과제(Issue in Eco-Friendly Golf Course)	3		
전공 선택	LA323	습지학개론(Introduction to Wetland Science)	3		
	LA324	경관분석론(Theories of Landscape Analysis)	3		
	LA325	환경생태계획특론(Advanced Environmental & Ecological Planning)	3		
	LA326	도시녹화특론(Advanced Urban Greening)	3		
	LA327	지형정보분석론(Theories of Topography Information Analysis)	3		
	LA328	생태계평가방법론(Ecosystem Assessment Method)	3		

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
	LA330	해외도시조경특론(Advanced Foreign Urban Landscape Architecture)	3		
	LA331	조경계획특론(Advanced Landscape Planning)	3		
	A332	조경유지관리론 (Theories of Landscape Maintenance and Management)	3		
	LA333	환경계획특론(Advanced Environmental Planning)	3		
	LA334	조경수목관리론(Landscape Plant Management)	3		
	LA335	조경전산학특론(Advanced Landscape Computer Science)	3		
	LA336	생태하천공학(Eco River Engineering)	3		
	LA337	조경재료 및 시공특론 (Advanced Practices of Landscaping Materials & Construction)	3		
	LA338	전통조경특론(Advanced A History of Korean Landscape Style)	3		
	LA339	도시생태론(Urban Ecology)	3		

○ 환경공학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	EN391	논문연구(Research for the Master's Degree)	3		
	EN392	세미나(Seminar)	3		
	EN301	수질관리특론(Advanced Water Quality Management)	3		
	EN302	폐수처리특론(Advanced Wastewater Treatment)	3		
	EN303	고도폐수처리특론(Advanced Treatment of Wastewater)	3		
	EN304	상하수도공학특론(Advanced Water and Sewerage Engineering)	3		
	EN305	용수처리특론(Advanced Water Treatment)	3		
	EN306	고도정수처리특론(Advanced Treatment of Water)	3		
	EN307	대기오염제어특론(Advanced Air Pollution Control)	3		
	EN308	대기질모니터링특론(Advanced Ambient Monitoring)	3		
	EN309	대기질관리특론(Advanced Air Quality Management)	3		
	EN310	폐기물처리특론(Advanced Solid Waste Treatment Engineering)	3		
	EN311	고형폐기물관리특론(Advanced Solid Waste Management)	3		
	EN312	연소공학특론(Advanced Combustion Engineering)	3		
	EN314	환경생태학특론(Advanced Environmental Ecology)	3		
	EN316	환경미생물특론(Advanced Environmental Microbiology)	3		
	EN317	토양오염정화특론(Advanced Soil Remediation Engineering)	3		
	전공 선택	EN318	환경생물공학특론(Advanced Biological Engineering for Environment)	3	
EN319		산업용폐수특론(Industrial Water and Wastewater Engineering)	3		
EN320		정수공학특론(Advanced Water Pollution Control)	3		
EN321		에어로졸공학특론(Advanced Aerosol Science and Technology)	3		
EN322		유해가스처리특론(Advanced Hazardous Air Pollution Control)	3		
EN323		대기오염방지설계특론(Advanced Air Pollution Control Design)	3		
EN324		청정기술특론(Advanced Clean Technology)	3		
EN325		에너지공학특론(Advanced Energy Engineering)	3		
EN326		산업폐기물처리특론(Special Topics in Industrial Waste Treatment)	3		

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
	EN397	환경모델링특론 (Advanced Environmental Monitoring)	3		
	EN398	수문학특론 (Advanced Hydrology)	3		
	EN399	환경데이터분석특론 (Advanced Environmental Data Analysis)	3		
	EN400	공간정보분석특론 (Advanced Spatial Analysis)	3		

○ 인테리어재료공학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	FT333	재료이학특론(Advanced Materials Physics)	3		
	FT334	목조주택관리론(Maintenance of House)	3		
	FT335	가구디자인특론(Advanced Furniture Design)	3		
	FT336	인테리어소품특론(Advanced Interior Craft Design)	3		
	FT337	공간코디네이션(Space Coordination)	3		
	FT310	합성수지재료학특론(Advanced Synthetic Resin Materials)	3		
	FT327	서비스디자인(Service Design)	3		
	FT391	논문연구(Research for the Master's Degree)	3		
	FT392	세미나(Seminar)	3		
	FT305	목재가공학특론(Advanced Wood Processing)	3		
	FT308	목공예론(Wood Crafts)	3		
	FT309	목재화학특론(Advanced Wood Chemistry)	3		
	FT311	수목생화학(Wood Biochemistry)	3		
	FT321	목재보존학특론(Advanced Wood Preservation)	3		
	FT323	실내디자인특론(Advanced Interior Design)	3		
	전공 선택	FT329	목조주택론(Wooden House)	3	
FT325		인테리어무기질재료학(Interior Inorganic Materials)	3		
FT326		특수임산학특론(Advanced Special Forest Products)	3		
FT330		인테리어섬유재료학특론(Advanced Interior Fiber Materials)	3		
FT340		인테리어종이재료학특론(Advanced Interior Paper Materials)	3		
FT328		목재조직 및 식별학특론(Advanced Wood Anatomy and Identification)	3		
FT332		실내공기질특론(Advanced Indoor Air Quality)	3		
FT338		목질 면재료학(Wooden Panel Materials)	3		

○ 건축공학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	AR391	논문연구(Research for the Master's Degree)	3		
	AR302	건축계획특론(Advanced Architectural Planning)	3		
	AR310	환경계획방법론(Environmental Planning Methodology in Building)	3		
	AR314	철골구조설계특론(Advanced Design of Steel Structure)	3		
	AR315	구조안정론(Structural Stability)	3		
	AR316	건축구조해석(Structural Analysis of Building Structure)	3		
	AR317	유한요소법(Finite Element Method)	3		
	AR318	탄성론(Theory of Elasticity)	3		
	AR319	건축진동론(Vibration Analysis of Building Structure)	3		
	AR320	콘크리트재료공학(Material Engineering for Concrete)	3		
	AR323	건설관리(Construction Management)	3		
	AR322	건축재료 및 공법(Building Materials and Construction Method)	3		
	AR344	가치공학(Value Engineering)	3		
	AR3394	건축조명특론(Advanced in Architectural Lighting)	3		
	AR333	주거환경특론(Advanced Residential Environment)	3		
	전공 선택	AR334	건축철골구조론(Advanced Steel Structural Design)	3	
AR335		건축환경설계연구(Environmental Design Studio in Building)	3		
AR336		건축철근콘크리트구조설계특론 (Advanced Design of Architecture Reinforced Concrete Structure)	3		
AR395		건축환경해석특론(Building Simulation)	3		
AR396		실내공기환경특론(Indoor Air Quality)	3		
AR397		건물에너지특론(Advanced Study of Building Energy)	3		
AR398		건물에너지관리특론(Building Energy Management)	3		
AR420		건축공사관리특론(Project Planning and Control in Construction)	3		
AR421		건축기술특론(Advanced Building Construction Technology)	3		
AR422		건축생산공학론 (Construction Performance and Productivity Improvement)	3		
AR423	건설경영공학론 (Construction Management and Project Engineering)	3			

● 융합기술공학전공

○ 기계공학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	ME391	논문연구(Research for the Master's Degree)	3		
	ME392	세미나(Seminar)	3		
	ME302	절삭이론특론(Advanced Mechanical Machining)	3		
	ME304	정밀기계특론(Advanced Precision Machine)	3		
	ME305	소성가공특론(Advanced Plasticity Engineering)	3		
	ME306	열역학특론(Advanced Thermodynamics)	3		
	ME307	내연기관특론(Advanced Internal Combustion Engine)	3		
	ME308	열전달특론(Advanced Heat Transfer)	3		
	ME311	기계설계특론(Advanced Mechanical Design)	3		
	ME313	구조해석(Structure Interpretation)	3		
전공 선택	ME314	고체역학특론(Advanced Solid Mechanics)	3		
	ME315	파괴역학특론(Advanced Fracture Mechanics)	3		
	ME316	유체동역학특론(Advanced Fluid Dynamics)	3		
	ME317	점성유체유동특론(Advanced Viscous Fluid Flow)	3		
	ME318	유체역학특론(Advanced Fluid Mechanics)	3		
	ME393	전산유체역학특론(Computational fluid dynamics)	3		
	ME325	응용기계재료(Applied Mechanical Materials)	3		
	ME331	응용수학특론(Advanced Calculus for Applications)	3		
	ME332	메카트로닉스특론(Advanced Mechatronics)	3		
	ME333	재료공학특론(Advanced Materials Engineering)	3		
	ME334	수치해석특론(Advanced Numerical Analysis)	3		
	ME335	제어공학(Control Engineering)	3		
	ME336	제어시스템공학(Control System Engineering)	3		
ME337	현대제어공학(Modern Control Engineering)	3			
ME338	제어시스템과 매트랩(Control System & MATLAB)	3			
ME339	동역학특론(Advanced Dynamic)	3			
ME340	기계진동론(Theory of Mechanical Vibration)	3			
ME341	유압공학특론(Advanced Hydraulics)	3			
ME342	로봇공학(Robotics)	3			
ME343	전기전자공학특론(Advanced Electrical & Electronic Engineering)	3			

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
	ME344	기구학특론(Advanced Kinematics of Mechanism)	3		
	ME345	금속가공특론(Advanced Metal Working)	3		
	ME346	열처리공학특론(Advanced Heat Treatment Engineering)	3		
	ME347	금형설계특론(Advanced Die Design)	3		
	ME348	CAE특론(Advanced CAE)	3		
	ME349	초정밀공학(Advanced Ultra-Precision Engineering)	3		

○ 컴퓨터공학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	CS391	논문연구(Research for the Master's Degree)	3		
	CS392	세미나(Seminar)	3		
	CS304	전문가시스템(Expert System)	3		
	CS305	패턴인식(Pattern Recognition)	3		
	CS306	영상처리(Image Processing)	3		
	CS307	운영체제특론(Advanced Operating Systems)	3		
	CS308	멀티미디어시스템특론(Advanced Multimedia Systems)	3		
	CS309	분산시스템특론(Advanced Distributed Systems)	3		
	CS310	데이터통신특론(Advanced Data Communication)	3		
	CS311	컴퓨터네트워크특론(Advanced Computer Network)	3		
	CS312	검색시스템특론(Advanced Search Engine System)	3		
	CS313	고급컴파일러구성론(Advanced Compiler Construction)	3		
	CS314	프로그래밍언어특론(Advanced Programming Languages)	3		
	CS315	계산이론(Computation Theory)	3		
	CS316	데이터베이스론(Database Theory)	3		
	CS317	데이터베이스특론(Advanced Database)	3		
	CS318	멀티미디어데이터베이스론(Theory of Multimedia Database)	3		
CS319	고급컴퓨터구조론(Advanced Computer Architecture)	3			
CS402	클라우드플랫폼(Cloud Platform)	3			
CS321	병렬컴퓨터구조특론(Topics in Parallel Computer Architecture)	3			
CS322	고급컴퓨터보안(Advanced Computer Security)	3			
CS323	소프트웨어공학특론(Advanced Software Engineering)	3			
CS331	영어토론(English Discussion)	3			
CS332	영어논문발표연습(English Paper Presentation Practice)	3			
CS333	고급컴퓨터그래픽스(Advanced Computer Graphics)	3			
CS334	정보검색특론(Advanced Information Retrieval)	3			
CS335	멀티미디어정보검색론(Multimedia Information Retrieval)	3			
CS336	메타데이터구조론(Metadata Architecture)	3			
CS339	멀티미디어운영체제특론(Advanced Multimedia Operation Systems)	3			
CS340	시스템소프트웨어특론(Advanced System Software)	3			

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	CS341	컴퓨터네트워크보안특론(Topics in Computer Network Security)	3		
	CS342	LAN시스템특론(Advanced LAN System)	3		
	CS343	웹프로그래밍언어특론(Advanced Web Programming Languages)	3		
	CS344	객체지향프로그래밍언어특론 (Advanced Object-Oriented Programming Languages)	3		
	CS345	데이터베이스설계론(Theory of Database Design)	3		
	CS346	멀티미디어데이터베이스특론(Topics in Multimedia Database)	3		
	CS348	서버-클라이언트시스템특론(Topics in Server-Client System)	3		
	CS349	전자도서관특론(Advanced Digital Library)	3		
	CS350	고급모바일프로그래밍(Advanced Mobile Programming)	3		
	CS351	인공지능특론(Advanced Artificial Intelligence)	3		
	CS353	모바일프로그램특론(Advanced Mobile Program)	3		
	CS354	정보전송공학특론(Advanced Information Transfer Engineering)	3		
	CS355	최신컴퓨터시스템기술특론 (Topics in New Computer System Technology)	3		
	CS356	마이크로프로세서응용시스템특론 (Topics in Microprocessor Application System)	3		
	CS398	데이터베이스관리론(Database Administration Theory)	3		
	CS397	가상현실(Virtual Reality)	3		
	CS399	고급컴퓨터프로그래밍(Advanced Computer Programming)	3		
	CS400	모바일증강현실(Mobile Augmented Reality)	3		
	CS401	디지털시각화(Digital Visualization)	3		

○ 전자공학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	EE391	논문연구(Research for the Master's Degree)	3		
	EE392	세미나(Seminar)	3		
	EE308	인공지능 및 신호처리(Artificial Intelligence and Signal Processing)	3		
	EE309	디지털통신특론(Advanced Digital Communication)	3		
	EE310	통신시스템특론(Advanced Communication Systems)	3		
	EE311	데이터통신특론(Advanced Data Communication)	3		
	EE317	자동화시스템특론(Advanced Automation Systems)	3		
	EE319	적응제어이론(Theory of Adaptive Control)	3		
	EE320	퍼지제어시스템(Fuzzy Control Systems)	3		
	EE321	지능제어이론(Theory of Intelligent Control)	3		
	EE322	신경망제어시스템(Neural Networks Control Systems)	3		
	EE323	마이크로프로세서응용설계(Design of Microprocessor Application)	3		
	EE324	이동통신시스템(Mobile Communication Systems)	3		
	EE325	멀티미디어공학특론(Advanced Multimedia Engineering)	3		
	EE329	반도체재료특론(Advanced Semiconductor Materials)	3		
	EE330	VLSI소자 및 공정기술(Device and Process Technology for VLSI Application)	3		
	EE331	전자회로설계특론(Advanced Electronic Circuit Design)	3		
	EE332	선형계통론(Linear System Theory)	3		
	EE333	반도체물성(Advanced Semiconductor Physics)	3		
	전공 선택	EE334	반도체소자특론(Advanced Semiconductor Devices)	3	
EE336		채널코딩이론(Channel Coding Theory)	3		
EE339		확산대역통신(Spread Spectrum Communications)	3		
EE340		OFDM시스템(Orthogonal Frequency Division Multiplexing)	3		
EE400		반도체기억소자기술(Semiconductor Memory Device Technology)	3		
EE404		비선형제어이론 (Theory of Nonlinear Control)	3		
EE405		로봇공학특론 (Advanced Robotics)	3		
EE406		인공지능과 기계학습 (Artificial Intelligence and Machine Learning)	3		
EE407		광전자 소자 (Optoelectronic Devices)	3		
EE408		IoT 기술의 응용(Applications Of IoT Technologies)	3		

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
	EE409	뉴로모픽 소자 및 시스템 (Neuromorphic Devices And Systems)	3		
	EE410	나노 물질 및 나노 디바이스의 응용 (Applications of Nanomaterials And Nanodevices)	3		
	EE411	고급 센서 기술 (Advanced Sensor Technologies)	3		

○ 메카트로닉스공학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	MT391	논문연구(Research for the Master's Degree)	3		
	MT392	세미나(Seminar)	3		
	MT301	디지털시스템특론(Special Topics in Digital Systems)	3		
	MT302	고급디지털신호처리(Advanced Digital Signal Processing)	3		
	MT303	영상처리(Image Processing)	3		
	MT304	컴퓨터비전(Computer Vision)	3		
	MT305	제어시스템설계특론(Advanced Control System Design)	3		
	MT306	메카트로닉스특론(Advanced Mechatronics)	3		
	MT307	시스템회로설계특론(Advanced System Circuit Design)	3		
	MT308	적응제어이론(Adaptive Control Theory)	3		
	MT309	지능제어특강(Special Topics in Intelligent Control)	3		
	MT310	이산제어시스템(Discrete-Time Control System)	3		
	MT311	로봇제어특강(Special Topics in Robot System)	3		
	MT312	지능시스템특강(Advanced Topics in Intelligent Control)	3		
	MT313	전력전자론(Power Electronics Theory)	3		
	MT314	에너지변환공학(Energy Conversion Engineering)	3		
	MT315	서보전동기제어해석(Servo Motor Control Analysis)	3		
	MT316	특수기기론(Special Electrical Machine Theory)	3		
MT317	CNC시스템(CNC System)	3			
MT318	계측공학특론(Advanced Topics in Metrology)	3			
MT319	생산자동화(Manufacturing Automation)	3			
전공 선택	MT320	고등기구학(Advanced Kinematics)	3		
	MT321	유체역학특론(Advanced Fluid Dynamics)	3		
	MT322	열전달특론(Advanced Heat Transfer)	3		
	MT323	응용수치해석(Applied Numerical Analysis)	3		
	MT324	유체실험공학(Experimental Methods in Fluid Flow)	3		
	MT325	컴퓨터응용제어특론(Advanced Computer Aided Control)	3		
	MT326	머신비전(Machine Vision)	3		
	MT396	나노마이크로트라이볼로지(Nano/Micro Tribology)	3		
	MT397	나노역학(Nanomechanics)	3		
MT398	고체윤활(Solid Lubrication)	3			

○ 자동차공학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고	
			이론	실습		
전공 선택	AE393	석사논문연구(Study of Research for the Master's Degree)	3			
	AE396	세미나(I)(Seminar(I))	1			
	AE397	세미나(II)(Seminar(II))	1			
	AE398	세미나(III)(Seminar(III))	1			
	AE304	전산원용기술특론(Advanced Computer Aided Engineering)	3			
	AE305	기계공학특론(Advanced Manufacturing Technology)	3			
	AE306	생산가공특론(Advanced Production Engineering)	3			
	AE307	정밀가공특론(Advanced Precision Machine)	3			
	AE311	동력공학특론(Advanced and Power Engineering)	3			
	AE313	센서계측공학특론(Advanced Sensor Measurement Engineering)	3			
	AE315	마이크로프로세서응용(Microprocessor Applications)	3			
	AE316	자동차전자제어특론(Advanced Automotive Electronics and Control)	3			
	AE317	자동차공기역학(Automotive Aerodynamics)	3			
	AE318	차량유공압제어(Automotive Fluid Power Control)	3			
	AE319	점성유체역학특론(Advanced Viscous Fluid Flow)	3			
	AE320	유체기계특론(Advanced Fluid Machinery)	3			
	AE321	연소공학특론(Advanced Combustion Engineering)	3			
	AE322	에너지변환공학(Energy Conversion Engineering)	3			
	전공 선택	AE323	전산역학특론(Advanced Computer Aided Dynamics)	3		
		AE324	자동차공해특론(Advanced Automotive Environmental Pollution)	3		
AE326		파괴역학(Fracture Mechanics)	3			
AE331		복합재료역학특론(Advanced Mechanics of Composite Materials)	3			
AE332		유한요소법입문(Fundamental Finite Element Method)	3			
AE333		고등유한요소법(Advanced Finite Element Method)	3			

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
	AE334	탄성학특론(Advanced Elasticity)	3		
	AE335	소성학특론(Advanced Plasticity)	3		
	AE336	부품설계공학특론(Advanced Mechanical Design Engineering)	3		
	AE337	수치해석특론(Advanced Numerical Analysis)	3		
	AE338	금속가공기술(Metal Working Technology)	3		
	AE339	마이크로 가공기술(Micro Cutting Technology)	3		
	AE340	공작기계설계특론(Advanced Design of Machine Tool)	3		
	AE341	제조성고려설계(Design for Manufacturing Ability)	3		
	AE342	컴퓨터원용설계 및 가공특론 (Advanced Computer Aided Design and Manufacturing)	3		
	AE343	동력계측공학(Power Measurement Engineering)	3		
	AE344	에너지공학특론(Advanced and Energy Engineering)	3		
	AE345	열교환기특론(Advanced and Heat Exchanger Engineering)	3		
	AE346	발전시스템특론(Advanced and Heat Generation)	3		
	AE347	내연기관특론(Advanced and Internal Combustion Engine)	3		
	AE348	자동차공학특론(Advanced and Automotive Engineering)	3		
	AE349	공기조화특론(Advanced and Air Conditioning)	3		
	AE350	전기자동차특론(Advanced Electric Vehicles)	3		
	AE351	차량동역학특론(Advanced Vehicle Dynamics)	3		
	AE352	디지털제어시스템(Digital Control System)	3		
	AE353	데이터통계학(Data Statistics)	3		
	AE354	유체역학특론(Advanced Fluid Mechanics)	3		
	AE355	유체동역학특론(Advanced Fluid Dynamics)	3		
	AE356	실험유체역학특론(Advanced Experiments in Fluid Dynamics)	3		
	AE357	전산유체역학특론(Advanced Computational Fluid Dynamics)	3		

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	AE358	자동차엔진연소특론(Advanced Automotive Engine Combustion)	3		
	AE359	열전달특론(Advanced Heat Transfer)	3		
	AE360	연료공학특론(Advanced Fuel Engineering)	3		
	AE361	열에너지특론(Advanced Thermal Energy)	3		
	AE362	기계재료특론(Advanced Mechanical Materials)	3		
	AE363	생산공학특론(Advanced Production Engineering)	3		
	AE364	기계설계학특론(Advanced Engineering Design)	3		
	AE365	구조해석특론(Advanced Structural Analysis)	3		
	AE366	품질관리특론(Advanced Quality Control)	3		
	AE367	생산자동화특론(Advanced Production Automation)	3		
	AE368	CAD특론(Advanced Computer Aided Design)	3		
AE369	제어공학특론(Advanced Control Engineering)	3			

● 공간디자인전공

○ 텍스타일디자인학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	TD391	논문연구(Research for the Master's Degree)	3		
	TD301	세미나(Seminar)	3		
	TD302	위빙스튜디오(Weaving Studio)	3		
	TD303	직물디자인워크숍(Textile Design Workshop)	3		
	TD304	패션인테리어직물디자인연구 (Studies for Fashion Interior Textile Design)	3		
	TD305	천연염색특론(Topics in Natural Dyeing)	3		
	TD306	텍스타일가공특론(Topics in Textile Finishing)	3		
	TD307	텍스타일가공연구(Study of Textile Finishing)	3		
	TD308	염색디자인연구(Study of Dyeing Design)	3		
	TD309	염색아트워크(Dyeing Art Work)	3		
	TD310	염색워크숍(Dyeing Workshop)	3		
	TD311	조형디자인(Fiber Art & Design)	3		
	TD332	조형디자인특론(Advanced Fiber Art & Design)	3		
	TD313	조형워크숍(Fiber Art Workshop)	3		
	TD314	패션e-tailing(Fashion e-tailing)	3		
	TD315	패션마케팅특론(Advanced Fashion Marketing)	3		
	TD316	패션소비자행동론(Consumer Behavior in Fashion)	3		
	TD317	아트패브릭(Art Fabric)	3		
	TD318	색료연구(Study of Pigment Material Science)	3		
	TD319	섬유상품디자인(Textile Goods Design)	3		
	TD320	섬유소재연구(Textile Material Research)	3		
	TD321	텍스타일패션산업론(Textile Fashion Industry)	3		
	TD322	색채계획론(Theory of Color Planning)	3		
	TD323	섬유작가연구(Study on Textile Artists)	3		
	TD324	예술과 문화(Art and Culture)	3		
	TD325	디자인마케팅연구(Study of Design Marketing)	3		
	TD326	텍스타일디자인특론(Advanced Textiles Design)	3		
	TD327	소재디자인 발상과 표현(Design Concep & Expression)	3		
	TD328	디자인특론(Advanced Design)	3		
	TD329	디자인트렌드연구(Research of Design Trend)	3		
	TD330	디자인과 소비자행동(Design & Consumer Behavior)	3		

○ 건축학분야

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	AR391	논문연구(Research for the Master's Degree)	3		
	AR301	건축계획방법론(Architectural Planning Methodology)	3		
	AR302	건축계획특론(Advanced Architectural Planning)	3		
	AR304	건축설계연구(Study of Architectural Design)	3		
	AR305	건축역사특론(Advanced History of Architecture)	3		
	AR306	동양건축사론(History of Oriental Architecture)	3		
	AR307	건축의장특론(Advanced Theory of Architectural Design)	3		
	AR308	건축공간론(Theory of Architectural Space)	3		
	AR309	건축환경론(Theory of Architectural Environment)	3		
	AR310	환경계획방법론(Environmental Planning in Architecture)	3		
	AR311	환경설계연구(Study of Environmental Design)	3		
	AR325	현대건축특론(Advanced Theory of Contemporary Architecture)	3		
	AR326	건축계획세미나(Seminar on Architectural Planning)	3		
	AR326	건축계획세미나(Seminar on Architectural Planning)	3		
	AR327	건축설계특론(Advanced Architectural Design)	3		
	AR328	건축법규특론(Advanced Building Code)	3		
	AR329	도시건축특론(Advanced Architectural Design in Urban)	3		
	AR330	주거건축특론(Advanced Residential Architecture)	3		
	AR331	건축설계론(Architectural Design Methodology)	3		
	AR332	도시건축설계특론(Advanced Theory of Architectural Design in Urban)	3		
	AR339	건축시스템디자인특론(Advanced Building System Design)	3		
	AR340	건축분석과비평(Architectural Analysis and Criticism)	3		
	AR341	건축의표현연구(Study of Architectural Representing)	3		
	AR342	친환경건축계획(Sustainable Planning in Architecture)	3		
	AR413	비정형건축설계(Parametric Design in Architecture)	3		
AR414	건축의장식이론연구(New Architectural Ornament and Theory)	3			
AR415	건축기하학적알고리즘적용연구	3			

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
		(Study of Geometrical Algorithm in Architecture)			
	AR416	건축프로젝트관리방법론 (Architecture Project Management in Practical Practice)	3		
	AR417	건축설계 I (Architectural Design I)	3		
	AR718	건축설계 II (Architectural Design II)	3		
	AR419	건축설계 III (Architectural Design III)	3		

● 산림환경자원학전공

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	FR391	논문연구(Research for Master's Degree)	3		
	FR392	세미나(Seminar)	3		
	FR301	산림환경보호학특론(Advanced Forest Environmental Protection)	3		
	FR302	수병학특론(Advanced Forest Pathology)	3		
	FR303	야생동물관리학특론(Advanced Wildlife Management)	3		
	FR304	산림해충학특론(Advanced Forest Insect Pests)	3		
	FR305	산림토목학특론(Advanced Forest Engineering)	3		
	FR306	임업기계학특론(Advanced Forest Machinery)	3		
	FR307	사방공학특론(Advanced Erosion Control)	3		
	FR308	산림수문학특론(Advanced Forest Hydrology)	3		
	FR309	산림생태학특론(Advanced Forest Ecology)	3		
	FR310	산림휴양학특론(Advanced Forest Recreation)	3		
	FR311	환경임업특론(Advanced Environmental Forestry)	3		
	FR343	도시임업특론(Advanced Urban Forestry)	3		
	FR313	산림자원경영학특론(Advanced Forest Resource Management)	3		
	FR316	산림자원정책학특론(Advanced Forest Resource Policy)	3		
	FR318	산림평가학특론(Advanced Forest Valuation)	3		
	FR319	산림식물학특론(Advanced Forest Botany)	3		
	FR320	조림학특론(Advanced Silvicultural Practice)	3		
	FR321	수목생리학특론(Advanced Tree Physiology)	3		
	FR322	임목육종론(Tree Breeding)	3		
	FR323	산림토양 및 비배학특론(Advanced Forest Soil and Fertilization)	3		
	FR324	특용식물자원론(Resources Management of Valuable Woody Plants)	3		
	FR325	산림토양분류학(Forest Soil Classification)	3		
	FR326	산림실험설계론(Design and Analysis of Forest Experiments)	3		
	FR331	산림경영계획학특론(Advanced Forest Management Planning)	3		

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
	FR394	산림유전학특론(Advanced Forest Genetics)	3		
	FR395	임목조직배양학특론(Advanced Tree Tissue Culture)	3		
	FR396	산림생물공학특론(Advanced Tree Biotechnology)	3		
	FR397	약용식물학특론(Advanced Medicinal Plant Science)	3		

사회복지학전공

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	SW301	논문연구(Research for the Master's Degree)	3		
	SW401	고급사회복지실천기술론 (Advanced Skills and Techniques for Social Work Practice)	3		
	SW402	고급사회복지 프로그램 개발과 평가 (Advanced Social Welfare Program Development and Evaluation)	3		
	SW403	고급사회복지지도감독론(Advanced Social Work Supervision)	3		
	SW404	고급노인복지론(Advanced Welfare Theory for the Elderly)	3		
	SW405	고급아동복지론(Advanced Child Welfare)	3		
	SW344	청소년지도방법론(The Methodology of Guidance for the Youth)	3		
	SW345	청소년심리 및 상담(The Counseling and Psychology for the Youth)	3		
	SW346	청소년문화론(Juvenile Culture)	3		
	SW348	청소년문제와 보호(The Problem and Protect of the Youth)	3		
	SW351	청소년복지론(Youth Welfare and Service)	3		
	SW352	청소년 프로그램 개발과 평가 (Program Development and Evaluation for the Youth)	3		
	SW354	노인심리 및 발달(Mental Health for the Elderly)	3		
	SW356	노인복지제도 및 서비스(Social Services to the Elderly)	3		
	SW359	사회복지사상과 역사Thought and History of Social Welfare)	3		
	SW362	청소년문제론(The Youth Problem)	3		
	SW363	사회복지현장실습 및 세미나 (Social Welfare Field Practice and Seminar)	3		
	SW364	고급인간행동과 사회환경 (Advanced Human Behavior and Social Environment)	3		
	SW365	고급사회복지실천론(Advanced Social Work Practice Theories)	3		
	SW366	지역사회복지특론(Advanced Community Welfare)	3		
SW367	고급사회복지행정론(Advanced Social Welfare Administration)	3			
SW368	고급사회복지정책론(Advanced Social Welfare Policy)	3			
SW369	고급사회복지조사론(Advanced Research Methodologies in Social Welfare)	3			

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	SW371	장애인복지특론(Advanced Social Welfare for the Handicapped)	3		
	SW374	청소년정책론(The Youth Policy)	3		
	SW375	청소년육성법규와 행정(The Rule and Regulation for Youth-Fostering)	3		
	SW408	사회복지법 판례연구(Studies on Social Welfare Law Cases)	3		
	SW409	사회복지윤리와 철학(Social Work Ethics and Philosophy)	3		
	SW411	사례관리론(Social Work Practice Theories)	3		
	SW412	가족복지론(Social Work with Families)	3		
	SW413	여성복지론(Women Welfare)	3		
	SW510	고급이상심리(Advanced Abnormal Psychology)	3		
	SW511	고급사회복지질적연구 (Advanced Qualitative Research in Social Welfare)	3		
	SW512	고급급진사회복지정책(Advanced Radical Social Welfare Policy)	3		
	SW513	고급대안사회복지실천(Advanced Alternative Social Welfare Activity)	3		
	SW552	고급복지국가론(Advanced welfare state theory)	3		
	SW553	고급가족상담 및 가족치료(Advanced family counseling and family therapy)	3		
	SW554	고급빈곤론(Advanced poverty theory)	3		
	SW555	고급사회복지와 인권(Advanced Social Welfare and Human Rights)	3		
	SW556	고급정신건강론(Advanced Mental Health theory)	3		
	SW557	고급정신건강사회복지론(Advanced Mental Health Social Welfare)	3		
	SW558	고급사회복지와 문화다양성	3		
	SW559	고급사회복지자료분석론(Advanced Social Work of Data Analysis)	3		
SW560	고급사회복지법제와 실천(Advanced Social Law and Practice)	3			

● 아동학전공

이수 구분	교과목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	CW397	가족관계특론(Advanced Studies in Family Relations)	3		
	CW398	아동발달(Early Childhood Development)	3		
	CW399	가족 및 부부치료(Family & Marital Therapy)	3		
	CW400	고급 장·노년 심리(Advanced Study for the Aged Psychology)	3		
	CW402	사회·정서 발달(Socio-Emotional Development)	3		
	CW404	심리평가 및 검사(Psychological Assessment and Test)	3		
	CW406	아동과 환경 세미나(Seminar for Child & Environment)	3		
	CW407	아동상담(Counseling for Children)	3		
	CW413	인지발달(Cognitive Development)	3		
	CW414	인지행동치료(Cognitive Behavioral Therapy)	3		
	CW415	학습심리 및 지능(Learning Psychology and Intelligence)	3		
	CW424	이상심리(Abnormal Psychology)	3		
	CW425	성격심리(Psychology of Personality)	3		
	CW427	논문연구(Research for the Master's Degree)	3		
	CW428	부모교육연구(Studies in Parent Education)	3		
	CW429	실외놀이환경사례연구(Case Study for Outdoor Space Design)	3		
	CW430	부모교육프로그램개발과 평가 (Parents Education Program Development & Evaluation)	3		
	CW431	보육환경연구세미나(Seminar on Child Edu-care Environment)	3		
	CW507	영유아보육세미나(Seminar in Early Child Care)	3		
	CW410	아동연구방법론(Research Methods for Child)	3		
	CW508	영유아교사교육연구 (Studies in Early Childhood Teacher Education)	3		
	CW509	아동문학특론(Advanced Studies in Children's Literature)	3		
	CW510	아동행동연구(Children Behavior Study)	3		
	CW511	아동놀이연구(Children Play Study)	3		
	CW513	유아창의성교육세미나(Seminar in Creativity Education for Young Children)	3		
	CW514	아동심리(Children Psychology)	3		
	CW512	아동학 연구 세미나(Seminar in child study)	3		
	CW515	영유아교수방법특론(Advanced Studies in Early Child Teaching Method)	3		

● 영어교육전공

이수 구분	교과 목 코드	교 과 목 명 (영 문 표 기)	학점		비고
			이론	실습	
전공 선택	ET301	영미소설지도(British & American Novel Teaching)	3		
	ET302	영미단편지도(English & American Short-Story Teaching)	3		
	ET303	영미수필지도(British & American Essay Teaching)	3		
	ET304	영어동화지도(English Fairy Story Teaching)	3		
	ET305	영국드라마지도(British Drama Teaching)	3		
	ET306	미국드라마지도(American Drama Teaching)	3		
	ET307	아동영어연극지도(Children English Drama Teaching)	3		
	ET308	애니메이션지도(Animation Teaching)	3		
	ET309	영미시와 영어교육(British and American Poetry and ELT)	3		
	ET310	실무영어 쓰기 지도(Teaching Methods of Practical English Writing)	3		
	ET311	영미문화지도론(Teaching Methods of British & American Culture)	3		
	ET312	멀티미디어 영어교육론(Multimedia-Assisted Language Learning)	3		
	ET319	외국어습득론(Foreign Language Acquisition)	3		
	ET314	담화분석(Discourse Analysis)	3		
	ET315	코퍼스언어학과 영어교육연구(Seminar in Corpus Linguistics & TESOL)	3		
	ET316	영어학개론(Introduction to English Linguistics)	3		
	ET317	영어구문의 이해(Understanding of English Construction)	3		
	ET318	영어어휘지도론(Teaching English Vocabulary)	3		
	ET313	영어학과 영어교육(English Linguistics & TESOL)	3		
	ET320	영어교수법(English Teaching Methods)	3		
	ET321	영어지도방법론(English Teaching Models)	3		
	ET322	영어지도실습(Practice of English Teaching)	3		
	ET323	영어교육과정(English Curriculum)	3		
	ET324	영어교과교육학(Studies of Teaching English)	3		
	ET325	영어교육공학(English Educational Technologies)	3		

이수 구분	교과 목 코드	교 과 목 명 (영 문 표 기)	학점		비고
			이론	실습	
	ET326	영어평가방법론(English Testing Methods)	3		
	ET327	교실 영어의 활용(Classroom English)	3		
	ET328	영어교사교육론(Professional Development of English Teachers)	3		
	ET329	기능영문법과 영어교육(Functional English Grammar & TESOL)	3		
	ET330	영어교재연구(Studies of English Textbooks)	3		

● 한국차문화학과

이수 구분	교과목 코 드	교 과 목 명 (영 문 표 기)	학점		비고
			이론	실습	
전공 선택	KT001	차문화개론(Introduction to Tea Culture)	2		
	KT002	한국문화사특론(Topics in Korean Culture)	2		
	KT003	한국전통의례연구(Studies in Korean Traditional Ceremony)	2		
	KT004	한국차문화사연구(Studies of Korean Tea Culture)	2		
	KT005	차철학특론(Topics in Philosophy of Tea Morality)	2		
	KT006	지역사회와 차문화(Studies of Local Society and Tea Culture)	2		
	KT007	국제차비교연구(Comparative Studies of Tea)	2		
	KT008	차와 인문학(Tea and Humanities)	2		
	KT009	차고전문헌연구(Studies of Classical Tea Text)	2		
	KT010	차의 기능연구(Studies of Tea Functionality)	2		
	KT011	차의 화학연구(Studies of Tea Chemistry)	2		
	KT012	한국차문헌강독(Reading of Korean Tea Text)	2		
	KT013	중국차문화연구(Studies of Chinese Tea Culture)	2		
	KT014	일본차문화연구(Studies of Japanese Tea Culture)	2		
	KT015	차의례교수법특론(Topics in Teaching Method of Tea Ceremony)	2		
	KT016	차문화콘텐츠연구(Studies of Tea Cultural Contents)	2		
	KT017	차와 서화(Studies of Tea and Art)	1		
	KT018	차와 음악(Studies of Tea and Music)	1		
	KT019	차시연구(Studies of Tea Poem)	2		
	KT020	차도구학연구(Studies of Tea Ware)	2		
	KT021	차품평특론(Topics in Tea Evaluation)	2		
	KT022	도자문화사연구(Studies in Ceramic Culture)	2		
	KT023	차문화유적과 공간연구(Studies of Tea Cultural Site and Space)	2		

이수 구분	교과목 코 드	교 과 목 명 (영 문 표 기)	학점		비고
			이론	실습	
	KT024	차가공기술연구1(Studies of Tea Processing Technology1)	2		
	KT025	차가공기술연구2(Studies of Tea Processing Technology2)	2		
	KT028	차나무재배특론(Topics in Tea Tree Cultivation)	2		
	KT029	차산업과 무역론(Studies of Tea Industry and Trade)	2		
	KT030	세미나(Seminar)	1		
	KT031	논문지도(Research for the Master' s Degree)	2		
	KT032	차와 음식 연구(Studies of Tea and Food)	2		

● 국제식량안보학과

이 수 구 분	교과 목 코드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
전공 선택	FS001	식량안보총론(Food Security)	3		
	FS002	식량생산학총론(Agriculture and Food Production)	3		
	FS003	식량관리학총론(Agriculture and Food Management)	3		
	FS004	메이저작물생산학특론(Advanced Major Crop Production)	2		
	FS005	원예작물생산학총론(Horticultural Crop Production)	2		
	FS006	국제식량자원관리학(International Food Resource Management)	2		
	FS007	안전식량생산학(Safety Food Production)	2		
	FS008	건강기능성식품학특론(Advanced Functional Health Food)	2		
	FS009	기능성식물자원특론(Advanced Functional Plant Resources)	2		
	FS010	토양환경관리특론 (Advanced Soil Environment Management)	2		
전공 선택	FS011	국제식량통계학(International Food Statistics)	2		
	FS012	국제식문화론(International Food Culture)	2		
	FS013	환경보전학(Environmental Conservation)	2		
	FS014	바이오매스자원학(Biomass Resources)	2		
	FS015	식품가공유통학특론(Advanced Food Processing and Delivery)	2		
	FS016	식품실험설계및통계법(Food Experimental Design & Statistics)	2		
	FS017	산업곤충학(Industrial Insect Science)	2		
	FS018	전공영어(Intensive English for MSc)	2		
	FS019	영어회화(English Conversation)	2		
	FS020	전공일본어(Intensive Japanese for MSc)	2		
	FS021	영어프리젠테이션스킬(English Presentation Skills)	2		
	FS022	국제농업개발협력론 (Theory of International Agricultural Development Cooperation)	2		
	FS023	한국학(Korean Studies)	2		
	FS024	전공중국어(Intensive Chinese for MSc)	2		
	FS025	식물공장자동화(Plant Factory Automation)	2		

이 수 구 분	교과 목 코 드	교 과 목 명 (영문표기)	학점		비고
			이론	실습	
	FS026	바이오에너지공학(Bioenergy Engineering)	2		
	FS027	식품특수성분분석학(Food Special Component Analysis)	2		
	FS028	생식공학특론(Advanced Reproduction Biotechnology)	2		
	FS029	보건위생학특론(Advanced Health Hygiene)	2		
	FS030	전통발효식품학특론(Advanced Traditional Fermented Food Science)	2		
	FS031	주거환경특론(Advanced Residential Environment)	2		
	FS032	자동화시스템특론(Advanced Automation Systems)	2		
	FS033	고급노인복지론(Advanced Welfare Theory for the Elderly)	2		
	FS034	로봇제어특강(Special Topics in Robot System)	2		
	FS035	생산자동화(Manufacturing Automation)	2		
	FS036	세계경제론(Theory of the World Economy)	2		
	FS037	Wandervogel연습 I (Wandervogel Practice I)		1	
	FS038	사전·사후연습 I (Pre & Post Practice I)		1	
	FS039	Wandervogel연습 II (Wandervogel Practice II)		1	
	FS040	사전·사후연습 II (Pre & Post Practice II)		1	
	FS041	Wandervogel연습 III (Wandervogel Practice III)		1	
	FS042	사전·사후연습 III (Pre & Post Practice III)		1	
	FS043	Wandervogel연습 IV (Wandervogel Practice IV)		1	
	FS044	사전·사후연습 IV (Pre & Post Practice IV)		1	
	FS045	식량안보자원학연습 I (Food Security Resources Science I)		2	
	FS046	식량안보자원학연습 II (Food Security Resources Science II)		2	
	FS047	식량안보자원학연습 III (Food Security Resources Science III)		4	