

2013 학년도 대학원 건축·토목공학부 교육과정

◆ 교육과정 편성표

과목번호	과목명	영문명	학점
ARCH711	메트리스구조해석	Matrix Structural Analysis	3-3-0
ARCH719	구조해석특론	Advanced Structural Analysis	3-3-0
ARCH722	현대건축론	Theory of Contemporary Architecture	3-3-0
ARCH727	건축의장특론	Study of Architectural Design	3-3-0
ARCH729	인테리어디자인특론	Advanced Interior Design	3-3-0
ARCH730	환경조형특론	Advanced Study of Environmental Plastic Arts	3-3-0
ARCH737	구조안정론	Theory of Structure Stability	3-3-0
ARCH743	건축기획연구	Architectural Programming	3-3-0
ARCH746	건축환경심리론	Theory of Environmental Psychology in Architecture	3-3-0
ARCH757	도시설계특론1	Advanced Urban Design 1	3-3-0
ARCH758	도시설계특론2	Advanced Urban Design 2	3-3-0
ARCH759	경관 디자인 특론	Advanced Landscape Design	3-3-0
ARCH760	건축장소성연구	Architecture and Concept of Placeness	3-3-0
ARCH762	건축방재론	Prevention of Disasters in Building	3-3-0
ARCH763	유한요소법	Finite Element Method	3-3-0
ARCH764	연속체역학	Continuum Mechanics	3-3-0
ARCH768	건축설비특론	Advanced Building Equipment	3-3-0
ARCH769	고속철도 역세권지구계획 연구	High-Speed Train Station Area Planning	3-3-0
ARCH770	건축설계방법론연구	Architectural Planing Methodology	3-3-0
ARCH773	파괴역학특론	Advanced Fracture Mechanics	3-3-0
ARCH774	자연에너지론	Nature Energy	3-3-0
ARCH778	인간환경론	Man-Environment Studies	3-3-0
ARCH779	리모델링건축특론	Advanced Remodeling Architecture	3-3-0
ARCH780	BIM설계특론	Advanced BIM Design	3-3-0
ARCH781	건축디자인세미나	Architectural Design Seminar	3-3-0
ARCH782	하이퍼포먼스빌딩디자인특론	Study of High Performance Building	3-3-0
ARCH783	공공전문시설특론	Advanced Study for the Facilities of Public Sector	3-3-0
ARCH786	건축설계실무특론	Architectural Practice & Design Technology	3-3-0
ARCH789	건축형태론	Study of Architectural Design	3-3-0
ARCH798	건축작가론	Theory of Architects Design Philosophy	3-3-0
ARCH799	석사학위 논문연구 (건축공학)	Thesis : Architectural Engineering	3-3-0
ARCH803	건축설계특론1	Advanced Architectural Design 1	3-3-0
ARCH804	건축설계특론2	Advanced Architectural Design 2	3-3-0
ARCH807	한국건축사특론1	Advanced History of Korean Architecture 1	3-3-0
ARCH808	한국건축사특론2	Advanced History of Korean Architecture 2	3-3-0
ARCH809	아시아건축세미나	Asian Architecture Seminar	3-3-0
ARCH815	지역건축조사연구	Studies on Regional Architecture	3-3-0
ARCH817	철근콘크리트설계특론	Advanced Reinforced Concrete Design	3-3-0
ARCH818	에너지해석법	Energy Methods in Structural Analysis	3-3-0
ARCH820	프리스트레스콘크리트	Design of Prestressed Concrete	3-3-0
ARCH836	건축정보기술특론	Theory of Architectural Information Technology	3-3-0
ARCH838	목조건축설계연구	Design of Wood Structures	3-3-0
ARCH840	탄성구조학	Mechanics of Elasticity	3-3-0
ARCH843	CAAD특론	Advanced CAAD	3-3-0
ARCH853	환경경관론	Theory of Environmental Landscape	3-3-0
ARCH854	건축장소성이론	Architecture and Concept of Placeness	3-3-0
ARCH855	역세권지구계획	Planning of High Speed Railway Station Area	3-3-0

ARCH857	재해재난특론	Advanced Environmental Disaster	3-3-0
ARCH859	Green BIM 특론	Advanced Green BIM	3-3-0
ARCH860	도시공간양상분석론	Urban Morphological Analysis	3-3-0
ARCH861	환경계획특론	Advanced Environmental Studies	3-3-0
ARCH862	건설경제성공학	Economic Decision & Analysis in Construction	3-3-0
ARCH863	건설 시스템공학	System Analysis in Archi & Civil Engineering	3-3-0
ARCH864	건설 장비관리학	Construction Equipment Management	3-3-0
ARCH866	건설 일정관리 특론	Advanced Scheduling in Construction	3-3-0
ARCH870	지속가능한 도시개발	Sustainable Urban Development	3-3-0
ARCH871	도시공간커뮤니케이션	Urban Spatial Communication	3-3-0
ARCH872	건축내화성능설계	Performance -Based Fire Resistance Design	3-3-0
ARCH873	건설생산성특론	Construction Productivity	3-3-0
ARCH874	건설 시뮬레이션	Construction Simulation	3-3-0
ARCH875	건설품질경영 특론	Advanced Construction Quality Management	3-3-0
ARCH880	건축재료성능론	Properties of Building Materials	3-3-0
ARCH882	건축물 스마트안전시스템	Smart Safety System in Building	3-3-0
ARCH883	내진설계	Earthquake-Resistant Design	3-3-0
ARCH884	건설전산응용	Computer Application in Construction	3-3-0
ARCH885	복합재료및구조특론	Advanced composite Materials & Structures	3-3-0
ARCH886	동역학특론	Advanced Structural Dynamics	3-3-0
ARCH887	진동제어론	Structural Vibration Control	3-3-0
ARCH889	불규칙진동론	Random Vibration	3-3-0
ARCH891	디지털건축	Digital Architecture	3-3-0
ARCH893	공공디자인특론	Advanced Public Design	3-3-0
ARCH896	철골소성설계	Plastic Design for Steel	3-3-0
ARCH999	박사학위 논문연구 (건축공학)	Dissertation : Architectural Engineering	3-3-0
ARUE917	건축공간론	Theory of Architectural Space	3-3-0
COME813	수치해석특론	Advanced Numerical Analysis	3-3-0
CVLE701	응용매트릭스구조해석	Applied Matrix Structural Analysis	3-3-0
CVLE702	탄성론	Theory of Elasticity	3-3-0
CVLE706	계산수리학	Computational Hydraulics	3-3-0
CVLE709	토질역학특론	Advanced Soil Mechanics	3-3-0
CVLE711	흙의물리, 화학적거동	Physical and Chemical Behavior of Soils	3-3-0
CVLE712	지반안정론	Soil Stabilization	3-3-0
CVLE713	보강토이론 및 설계	Reinforced Earth Theory and Design	3-3-0
CVLE716	수문모형기법	Hydrologic Modeling Technique	3-3-0
CVLE717	환경수리공학	Environmental Hydraulics	3-3-0
CVLE719	구조거동론	Advanced Theory of Structural Behavior	3-3-0
CVLE720	평판및곡면판이론	Theory of Plates and Shells	3-3-0
CVLE721	콘크리트부재의거동	Behavior of Reinforced Concrete Members	3-3-0
CVLE723	소성설계	Plastic Design	3-3-0
CVLE724	구조물최적화1	Structural Optimization1	3-3-0
CVLE727	소성론	Theory of Plasticity	3-3-0
CVLE730	물리화학적처리공정	Physical/Chemical Treatment Processes	3-3-0
CVLE731	생물학적처리공정	Biological Wastes Treatment Processes	3-3-0
CVLE732	환경관리 및 계획	Environmental Quality	3-3-0
CVLE735	도시수공학	Urban Hydraulic Engineering	3-3-0
CVLE736	산업폐수처리공정	Industrial Wastewater Management	3-3-0
CVLE738	기초공학특론	Advanced Foundation Engineering	3-3-0
CVLE740	도로공학특론	Advanced Highway Engineering	3-3-0
CVLE746	구조물최적화2	Structural Optimization 2	3-3-0
CVLE748	추계학적수문학	Stochastic Processes in Hydrology	3-3-0
CVLE749	확률 및 통계토질역학	Probabilistic and Statistical Soil Mechanics	3-3-0

CVLE750	고도처리공정	Advanced Treatment Processes	3-3-0
CVLE751	용수처리 및 급수	Water Treatment and Distribution System Design	3-3-0
CVLE752	수질및수자원시스템분석	Water Quality and Water Resources System Analysis	3-3-0
CVLE755	유한요소해석	Finite Element Analysis	3-3-0
CVLE756	신뢰성해석	Reliability Analysis	3-3-0
CVLE759	이론토질역학	Theoretical Soil Mechanics	3-3-0
CVLE760	굴착과 터널	Excavation and Tunneling	3-3-0
CVLE761	흙의 공학적 성질	Engineering Properties of Soils	3-3-0
CVLE762	토질 및 기초 동역학	Dynamics of Soil & Foundation	3-3-0
CVLE763	응용수문학	Advanced Hydrology	3-3-0
CVLE764	개수로 및 유사이동론	Open Channel and Sediment Transport Analysis	3-3-0
CVLE765	부정류해석학	Hydraulic Transient Analysis	3-3-0
CVLE766	수문시계열분석	Time Series Analysis in Hydrology	3-3-0
CVLE767	수리수치해석	Numerical Methods in Hydro-Engineering	3-3-0
CVLE768	수문기상학	Hydrometeorology	3-3-0
CVLE769	지하수공학	Groundwater Engineering	3-3-0
CVLE770	수공학특수문제	Special Topics in Hydro-Engineering	3-3-0
CVLE771	환경공학설계특론	Advanced Environmental Engineering Design	3-3-0
CVLE772	지반공학의수치해석	Numerical Analysis in Geotechnical Engineering	3-3-0
CVLE774	불포화토공학	Unsaturated Soils Engineering	3-3-0
CVLE776	비선형구조해석	Nonlinear Structural Analysis	3-3-0
CVLE778	고급토질시험	Advanced Soil Test	3-3-0
CVLE779	지반구조물의 안정	Stability of Earth Masses	3-3-0
CVLE782	고급유한요소해석 1	Advanced Finite Element Analysis 1	3-3-0
CVLE783	고급유한요소해석 2	Advanced Finite Element Analysis 2	3-3-0
CVLE784	강구조설계특론1	Advanced Design of Steel Structures 1	3-3-0
CVLE785	강구조설계특론2	Advanced Design of Steel Structures 2	3-3-0
CVLE786	구조동역학특론	Advanced Structural Dynamics	3-3-0
CVLE787	내진설계특론	Advanced Earthquake Resistant Design	3-3-0
CVLE788	콘크리트구조설계특론1	Advanced Design of Concrete Structures 1	3-3-0
CVLE789	콘크리트구조설계특론2	Advanced Design of Concrete Structures 2	3-3-0
CVLE790	환경공학특수문제	Special Issues in Environmental Engineering	3-3-0
CVLE799	석사학위 논문연구 (토목공학)	Thesis : Civil Engineering	3-3-0
CVLE821	기상방재론	Meteorological Disaster	3-3-0
CVLE822	호우방재특론	Stormwater Management	3-3-0
CVLE823	수재해공학	Water-related Disaster Engineering	3-3-0
CVLE824	지하공간의 안정	Stability of Underground Structures	3-3-0
CVLE825	제방및사면안정	Stability of Embankments & Slopes	3-3-0
CVLE826	재해저감계획론	Planning of Disaster & Reduction	3-3-0
CVLE827	교량설계특론	Advanced Design of Bridges	3-3-0
CVLE828	지반재해방지대책	Prevention of Geotechnical Disaster	3-3-0
CVLE829	환경재해특론	Special Topics in Environmental Disaster	3-3-0
CVLE830	방재공학특수문제	Special Topics in Disaster Engineering	3-3-0
CVLE831	구조공학특수문제	Special Topics in Structural Engineering	3-3-0
CVLE832	지반공학특수문제	Special Topics in Geotechnical Engineering	3-3-0
CVLE855	해석사진측량학	Analytical Photogrammetry	3-3-0
CVLE856	디지털 사진측량학	Digital Photogrammetry	3-3-0
CVLE857	원격탐사특론	Advanced Remote Sensing	3-3-0
CVLE860	조정계산론	Adjustment Computations	3-3-0
CVLE861	u-건설 GIS	u-Construction GIS	3-3-0
CVLE862	지형정보공학특론	Special Topics in Geospatial Information	3-3-0
CVLE999	박사학위 논문연구 (토목공학)	Dissertation : Civil Engineering	3-3-0
ELEE780	신재생에너지특론	Topics on New and Renewable Energy	3-3-0

