

## Curriculum

Course Code	과목명(국문)	Course Title	Credit
CVG001	탄성체역학및응용	Elasticity Theory and Application	3-3-0
CVG002	연속체역학	Continuum Mechanics	3-3-0
CVG003	탄성안정론	Theory of Elastic Stability	3-3-0
CVG005	소성론	Plastic Theory	3-3-0
CVG007	파괴역학	Fracture Mechanics	3-2-2
CVG009	유한요소해석	Finite Element Analysis	3-3-0
CVG010	비선형유한요소해석	Nonlinear Finite Element Method	3-3-0
CVG011	수치해석특론	Advanced Numerical Analysis	3-3-0
CVG015	교량공학특론	Advanced Bridge Engineering	3-3-0
CVG016	구조역학특론	Advanced Structures Mechanics	3-3-0
CVG019	구조동역학	Dynamics of Structures	3-3-0
CVG026	구조물의유지관리	Structures Management	3-3-0
CVG027	구조최적화	Optimization of Structures	3-3-0
CVG031	콘크리트부재의거동	Behavior of Concrete Members	3-2-2
CVG033	철근콘크리트의소성이론	Plasticity in Reinforced Concrete	3-3-0
CVG034	콘크리트유한요소해석	Finite Element Analysis of Concrete	3-3-0
CVG035	프리스트레스콘크리트구조설계	Designing of Prestressed Concrete Structures	3-2-2
CVG038	구조물의소성설계	Plastic Design of Structures	3-3-0
CVG039	교량설계특론	Advanced Bridge Design	3-3-0

CVG040	체계신뢰성이론	System Reliability Analysis	3-3-0
CVG041	응용통계학	Applied Statistics	3-3-0
CVG043	개수로수리학	Open Channel Hydraulics	3-2-2
CVG044	수리수치해석	Computational Hydraulics	3-3-0
CVG049	도시수문학	Urban Hydrology	3-3-0
CVG050	수문모형기법	Hydrologic Modelling Technique	3-3-0
CVG063	확률과정론	Stochastic Process	3-3-0
CVG064	시계열분석및응용	Time Series Analysis and Application	3-3-0
CVG065	유사론	Sedimentology	3-3-0
CVG068	수자원계획학	Water Resources Planning	3-3-0
CVG069	하천유역관리	River Basin Management	3-3-0
CVG070	수공학의특수문제	Special Topics in Water Engineering	3-3-0
CVG071	도시내배수시스템	Urban Drainage System	3-3-0
CVG073	수질모형기법	Quality Modeling Technique	3-3-0
CVG075	지하수오염물질이동론	Contaminant Transport In Groundwater	3-3-0
CVG079	응용수문학	Applied Hydrology	3-2-2
CVG081	측량공학특론	Advanced Surveying Engineering	3-3-0
CVG083	측지학특론	Advanced Geodesy	3-3-0
CVG087	관측값해석론	Analysis of Observed Values	3-3-0
CVG090	위성측위시스템	Professoring System with Satellites	3-2-2
CVG091	변형모니터링측량	Deformation Monitoring Surveying	3-3-0

CVG092	근접사진측량학	Close-Range Photogrammetry	3-2-2
CVG093	해양측량학	Sea Surveying	3-3-0
CVG098	디지털매핑시스템	Digital Mapping Systems	3-3-0
CVG099	원격탐사특론	Advanced Remote Sensing	3-2-2
CVG100	시설물측량특론	Advanced Facility Surveying	3-3-0
CVG101	위성영상처리특론	Advanced Satellite Image Processing	3-2-2
CVG102	지도학	Cartography	3-3-0
CVG111	토질역학특론	Advanced Soil Mechanics	3-2-2
CVG112	이론토질역학	Theoretical Soil Mechanics	3-3-0
CVG113	흙의동역학	Soil Dynamics	3-3-0
CVG115	지반안정처리	Soil Stabilization	3-3-0
CVG116	흙의역학실험	Mechanical Tests of Soils	3-3-0
CVG117	암반역학	Rock Mechanics	3-3-0
CVG118	지질공학특론	Advanced Engineering Geology	3-3-0
CVG120	토질공학의특수문제	Special Topics in Geotechnical Engineering	3-3-0
CVG121	보강토공법	Earth Reinforced	3-3-0
CVG123	지반계측	Monitoring in Geotechnical Engineering	3-2-2
CVG124	터널공학	Tunnel Engineering	3-3-0
CVG126	응용수리학	Applied Hydraulics	3-2-2
CVG127	토지정보관리	Land Information Management	3-3-0
CVG128	디지털사진측량	Digital Photogrammetry	3-2-2

CVG130	지형공간정보체계	Fundamentals of Geographic Information System	3-2-2
CVG131	환경토질공학	Enviro-Geotechnical Engineering	3-3-0
CVG133	사면안정화	Slope Stabilization	3-3-0
CVG134	옹벽설계및해석	Design and Analysis of Retaining Wall	3-3-0
CVG137	강구조설계특론	Advanced Design of Steel Structures	3-3-0
CVG138	내진설계	Earthquake Resistant Design	3-3-0
CVG139	콘크리트구조설계특론	Advanced Design of Concrete Structures	3-3-0
CVG140	콘크리트재료특론	Advanced Material of Concrete	3-2-2
CVG141	홍수설계	Flood Design	3-2-2
CVG142	수질수리학	Hydraulics for Water Quality	3-3-0
CVG143	스펙트럼 분석	Spectrum Analysis	3-3-0
CVG144	상수도시스템설계	Design of Water Supply System	3-2-2
CVG145	하수도시스템설계	Design of Sewer System	3-2-2
CVG146	상하수도공학특수문제	Special Topics in Water Supply and Sewer Engineering	3-3-0
CVG147	풍수해방재	Disaster Prevention of Typhoon and Floods	3-3-0
CVG148	방재안전관리개론	Introduction to Safety Management for Disaster Prevention	3-3-0
CVG149	기초공학의특수문제	Special Topics on Foundation Engineering	3-3-0
CVG150	토질재료특성과기초해석	Foundation Analysis by Geotechnical Materials	3-3-0
CVG151	유비쿼터스도시개론	Introduction to Ubiquitous City	3-3-0
CVG152	컴퓨터선형대수	Linear Algebra with Computer	3-3-0
CVG153	공간정보구조	Data Structure	3-3-0

CVG910	석사논문연구	Master Paper Research Work	2-0-4
CVG911	박사논문연구(1)	Doctor Paper Research Work(1)	2-0-4
CVG912	박사논문연구(2)	Doctor Paper Research Work(2)	2-0-4