CIVIL & ENVIRONMENTAL ENGINEERING

Revised: 9.10.2021

4 - Year Course Scheduling Aid

Emphasis-Fac	Course			2021-2022				2022-2023				2023-2024				2024-2025			
				F	W	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F	W	Sp	Su
Introduction to CE EN	101			1.0	1.0			1.0	1.0			1.0	1.0			1.0	1.0		
Statics-sam	103			3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
AutoCAD-jd	112			3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
Cmputational Methods-ejn	170			3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
International Student Internship	199	R																	
UG Seminar-mbb/kwf	200	A/B		0.5	0.5			0.5	0.5			0.5	0.5			0.5	0.5		
Sustainable Infrastructure	201			2.0	2.0	2.0		2.0	2.0	3.0		2.0	2.0	2.0		2.0	2.0	2.0	
Mechanics-ff/mas	203		Struc	3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
Dynamics/sm	204			3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0	
Geomatics-dpa	214		Water	2.0	2.0			2.0	2.0			2.0	2.0			2.0	2.0		
Global Leadership - rhh/ggs	231			3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0	
UG Seminar-kwf	300	A/B	Water	0.5	0.5			0.5	0.5			0.5	0.5			0.5	0.5		
Metal/Wood/Cmposites	304		Struc	1.5	1.5			1.5	1.5			1.5	1.5			1.5	1.5		
Cncrete/Msnry/Asphalt-wsg	306		Trans	1.5	1.5			1.5	1.5			1.5	1.5			1.5	1.5		
Structrl Analysis-ks	321		Struc	3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
Hydraulics&FluidFlow-rhh/awm	332		Water	3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
Elem Soil Mechanics-kwf/kmr	341		Geo	3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
Intro Transprtn Engr-gsm/ggs	361		Trans	3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
UG Seminar-kwf	400	A/B		0.5	0.5			0.5	0.5			0.5	0.5			0.5	0.5		
Engr Apps of GIS-dpa	414		Water	3.0				3.0				3.0				3.0			
Structrl Steel Desgn-jpj	421		Struc		3.0				3.0				3.0				3.0		
Reinforced Concrete-ts	424		Struc	3.0				3.0				3.0				3.0			
Hydrology-awm/ejn	431		Water		3.0				3.0				3.0				3.0		
Hydraulic Engr-awm	433		Water	3.0		3.0		3.0		3.0		3.0		3.0		3.0		3.0	
Water Study Abroad-ejn/dpa	439		Water						3.0					3.0			3.0		
Foundation Engr-kmr	442		Geo	3.0				3.0				3.0				3.0			
Environmtl Engr Processes-rs	451		Water	3.0				3.0				3.0				3.0			
GeoDesgnHighway-	461		Trans		3.0				3.0				3.0				3.0		
~~International Cities-ggs~~	467**		Trans																
Civil Engr Practice-rhh	471	A		1.0				1.0				1.0				1.0			
Civil Engr Design-rhh	472		Water		3.0				3.0				3.0				3.0		
Directed Studies in ASCE	498/1	R		v	v			v	v			v	v			v	v		
Directed Studies in FE PREP	498/2	R		1.0	1.0			1.0	1.0			1.0	1.0			1.0	1.0		
Desgn Matrls Apps-MeEn	500	**		3.0				3.0				3.0				3.0			
Stress Analysis-MeEn	501	**			3.0				3.0				3.0				3.0		
Plasticity Fracture-MeEn	503	**			3.0				3.0				3.0				3.0		
Cmptr Structrl Analysis-	504	**	Struc																
Cement Concrete Dsgn-wsg	505		Trans		3.0				3.0				3.0				3.0		
Linear Finite Element Methods-mas	507		Struc	3.0				3.0				3.0				3.0			
~~Structural Vibrations-pwr~~	CE508ME535		Struc																
Geospacial Software Development-dpa	514		Water						3.0										
SeismicResistSteelBldg-jpj	521		Struc	3.0				3.0				3.0				3.0			
~~Aircraft Structures-dwj~~	523		Struc																
Bridge Structures-cmi	525		Struc	3.0				3.0				3.0				3.0			
Bridge Preservation - wsg	526		Trans						Blk 2								Blk 2		
Masonry Design-ff	528		Struc		3.0			3.0											
Structural Wood Design-jpj	529		Struc	3.0				3.0				3.0				3.0			
Hydrologic Modeling-ejn	531		Water	3.0				3.0				3.0				3.0			
Hydroinformatics-dpa	534		Water										3.0				3.0		
Advanced Hydraulic Routing - rhh	533		Water		3.0				3.0				3.0				3.0		
HydraulicDsgnChannel-awm	535	**	Water																
GeoEnviron Engr-gpw	540		Water	3.0				3.0				3.0				3.0			
Adv'd Foundation Engr-kmr	542		Geo		3.0				3.0							3.0			
Chemical Stabilization of Soils/wsg	543		Trans						Blk 1								Blk 1		
SeepageSlopeStability-nlj	544		Geo		3.0				3.0				3.0				3.0		
GeotecAnalyEarthquake-kwf	545		Geo		3.0				3.0				3.0				3.0		
Groundwater Modeling-nlj	547		Geo	3.0				3.0				3.0				3.0			
WaterTreatmentFacili-mbb	551		Water																
Environ Chemistry-gpw	555		Water	3.0				3.0				3.0				3.0			
Traffic Engr-ggs	562		Trans	3.0				3.0				3.0				3.0			
Pavement Design-wsg	563		Trans	3.0								3.0							
Urban Trans Planning-gsm	565		Trans	3.0				3.0				3.0				3.0			
Pavement Management - wsg	566		Trans		3.0								3.0						
Asphalt Mixture Design and Analysis - wsg	568		Trans					Blk 1								Blk 1			
Cmptr Engr Software-MeEn	570	**		3.0				3.0				3.0				3.0			
OptimizatnTechEngr-MeEn	575	**			3.0				3.0				3.0				3.0		
Technical Writing - wsg	580							Blk 2								Blk 2			
Selected Problems in CEEn	594	R																	
~~Composite Structures-dwj~~	602		Struc																
Continuum & Solid Mechanics-	604		Struc																
Nonlinear Finite Element Mths- mas	607		Struc		3.0				3.0				3.0				3.0		
SpectrlAnalysDynamSys-MeEn	609	*																	
SedimntTransRvrRestor-rhh	635	**	Water																
Adv'd Soil Mechanics-kmr	641		Geo	3.0					3.0										
Fld&Lab Testing Soils-kmr	645	***	Geo																
GrndwtrContamintTrans-gpw	648		Water		3.0				3.0				3.0				3.0		
Wastewater Trtmnt	651		Water																
Water Adv Trtmnt Proc	654	***	Water																
Traffic Simu/Analysis-gsm	662		Trans		3.0				3.0				3.0						
Trans Site Planning-ggs	664		Trans		3.0				3.0				3.0				3.0		
~~BusinessManagement-ejn~~	681	**	Water																
~~ProjectManagement-ejn~~	682	**	Water																
Graduate Seminar/gpw	691	R		0.5	0.5			0.5	0.5			0.5	0.5			0.5	0.5		