

**CIVIL & ENVIRONMENTAL
ENGINEERING
4-YEAR COURSE
"SCHEDULING AID"**

Last Viewed

2/6/2018

Revised: 12/05/2017

This Four-Year Course Scheduling Aid is provided for your convenience in planning your program of study in Civil & Environmental Engineering. The department will make every effort to teach each class as scheduled.

However, on occasion, it may be necessary to drop a class from the schedule due to a lack in enrollment or of suitable faculty to teach the course. It is very unlikely that any 100-400 level courses will be affected; 500-600 level courses are more susceptible. Therefore, as you plan your program, your strategy should include options that will allow you to complete your studies in a timely manner even if one or two of your preferred courses should be canceled.

The University encourages each student to take advantage, as often as practical, of the Spring and Summer terms. Also, you will note that some 500-600 level courses are offered exclusively or alternately during these periods.

Environmental
Geotechnical
Structures
Transportation
Water Resources

* Taught on Demand
** Taught By Mechanical Engineering
*** To Be Determined
**** Taught By Computer Science

Masters Project (3.0) **698R**
Masters Thesis (6.0) **699R**
Selected Topics in CEEn **794R**
Research for Doctoral **797R**
Doctoral Dissertation (18.0) **799R**

Emphasis-Fac	Course	2017-2018				2018-2019				2019-2020				2020-2021			
		F	W	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F	W	Sp	Su
UG Seminar-mbb	400 A/B																
	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	3.0		3.0	3.0	3.0	
AutoCAD-csc	112	3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
Geomatics	114	2.0	2.0			2.0	2.0							2.0	2.0		
Academic Internship	199 R																
UG Seminar-mbb	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	2.0			2.0	2.0		
Mechanics-ff/mas	203	3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0	
Dynamics	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	
Computational Methods-nlj	270	3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
UG Seminar-mbb	300 A/B	0.5	0.5			0.5	0.5			0.5	0.5			0.5	0.5		
Meta/Wood/Composites-dwj	304	1.5	1.5			1.5	1.5			1.5	1.5			1.5	1.5		
Concrete/Msnyr/Asphalt-wsg	306	1.5	1.5			1.5	1.5			1.5	1.5			1.5	1.5		
Structl Analysis-mjb	321	3.0		3.0		3.0		3.0		3.0		3.0		3.0		3.0	
Hydraulics&FluidFlow-rhh/awm	332	3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
Elem Soil Mechanics-kwf/kmr	341	3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
Intro Transprt Engr-ms/ggs	361	3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0		
UG Seminar-mbb	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	3.0				3.0				3.0				3.0			
Structl Steel Desgn-pwr	421		3.0				3.0				3.0				3.0		
Reinforced Concrete-ff	424	3.0				3.0				3.0				3.0			
Int'l Megastructures-rjb	427															3.0	
Hydrology-awm/ejn	431		3.0				3.0				3.0				3.0		
Hydraulic Engr-awm	433	3.0		3.0		3.0		3.0		3.0		3.0		3.0		3.0	
Water Study Abroad-ejn/dpa/mbb	439		3.0	3.0			3.0	3.0			3.0	3.0			3.0	3.0	
Foundation Engr-kmr	442	3.0				3.0				3.0				3.0			
Environmtl Engr Processes-mbb/gpw	451	3.0				3.0				3.0				3.0			
GeoDesgnHighway-ms/ggs	461	3.0				3.0				3.0				3.0			
Int'l Megacities-ggs	467															3.0	
Civil Engr Practice-mmb/ejn	471 A/B	1.0	1.0			1.0	1.0			1.0	1.0			1.0	1.0		
Civil Engr Design-mmb/ejn	472		3.0				3.0				3.0				3.0		
CEEn Practicum	493 R																
Directed Studies in CEEn	498 R																
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 Structl Analysis-	504																
Cement Concrete Dsgn-wsg	505		3.0				3.0				3.0				3.0		
Linear Finite Element Methods-mas	507	3.0				3.0				3.0				3.0			
Structural Vibrations-pwr	CE508ME535	CE3.0				ME3.0				CE3.0				ME3.0			
Geospacial Software Development-dpa	514		3.0				3.0				3.0				3.0		
SeismicResistSteelBldg-pwr	521	3.0				3.0				3.0				3.0			
Aircraft Structures-dwj	523		3.0				3.0				3.0				3.0		
Bridge Structures-cmi	525	3.0				3.0				3.0				3.0			
Masonry Design-ff	528		3.0				3.0				3.0				3.0		
Timber Design-dwj	529	3.0				3.0				3.0				3.0			
Hydrologic Modeling-ejn	531	3.0				3.0				3.0				3.0			
Hydroinformatics-dpa	534																
HydraulicDsgnChannel-awm	535		3.0				3.0				3.0				3.0		
GeoEnviron Engr-gpw	540	3.0				3.0				3.0				3.0			
SeepageSlopeStability-nlj	544		3.0				3.0				3.0				3.0		
GeotecAnlyEarthquake-kwf	545		3.0				3.0				3.0				3.0		
Groundwater Modeling-nlj	547	3.0				3.0				3.0				3.0			
WaterTreatmentFacil-mbb	551	3.0				3.0				3.0				3.0			
Environ Chemistry-gpw	555	3.0				3.0				3.0				3.0			
Traffic Engr-ms	562	3.0				3.0				3.0				3.0			
Pavement Design-wsg	563	3.0				3.0				3.0				3.0			
Urban Trans Planning-ggs	565	3.0				3.0				3.0				3.0			
Cmptr Engr Software-MeEn	570 **	3.0				3.0				3.0				3.0			
CmptrGeometricDesign-CS	572 No longer taught																
OptimizatnTechEngr-MeEn	575 **		3.0				3.0				3.0				3.0		
Selected Problems in CEEn	594 R																
Composite Structures-dwj	602	3.0				3.0				3.0				3.0			
Continuum & Solid Mechanics-	604		3.0				3.0				3.0				3.0		
Nonlinear Finite Element Mths- mas	607		3.0				3.0				3.0				3.0		
SpectrlAnlysDynamSys-MeEn	609 *																
SedimntTransRvrRestor-rhh	635			3.0				3.0				3.0				3.0	
Adv'd Soil Mechanics-kmr	641																
Adv'd Foundation Engr-kmr	644	3.0				3.0				3.0				3.0			
Fld&Lab Testing Soils-kmr	645 ***																
GrndwtrContamintTrans-gpw	648		3.0				3.0				3.0				3.0		
Wastewater Trtmt -mbb	651		3.0				3.0				3.0				3.0		
Water Adv Trtmt Proc-mbb	654			3.0				3.0				3.0				3.0	
Traffic Simu/Analysis-ms	662		3.0				3.0				3.0				3.0		
Trans Site Planning-ms/ggs	664		3.0				3.0				3.0				3.0		
BusinessManagement-ejn	681	1.5				1.5				1.5				1.5			
ProjectManagement-ejn	682		1.5				1.5				1.5				1.5		
Graduate Seminar/fff	691 R	0.5	0.5			0.5	0.5			0.5	0.5			0.5	0.5		
Advanced Hydraulic Routing - rhh	694 R							3.0								3.0	
Selected Problems	694 R																