

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

**Last Viewed
2/28/2017**

Revised: 2/17/2017

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

Emphasis-Fac	Course		
UG Seminar-mbb	400 A/B		
Statics-sam	101		
AutoCAD-csc	103		
Geomatics	112	Water	
Academic Internship	199 R		
UG Seminar-mbb	200 A/B		
Sustainable Infrastructure	201		
Mechanics-fsf	203	Struc	
Dynamics	204	Water	
Computational Methods-nlj	270	Geo	
UG Seminar-mbb	300 A/B	Water	
Metal/Wood/Composites-dwj	304	Struc	
Concrete/Msnyry/Asphalt-wsg	306	Trans	
Structl Analysis-rjb	321	Struc	
Hydraulics&FluidFlow-rh/a/wm	332	Water	
Elem Soil Mechanics-kwf	341	Geo	
Intro Transprtn Engr-ms/ggs	361	Trans	
UG Seminar-mbb	400 A/B		
Engr Apps of GIS-dpa	414	Water	
Structrl Steel Desgn-pwr	421	Struc	
Reinforced Concrete-fsf	424	Struc	
Int'l Megastructures-rjb	427	Struc	
Hydrology-awm/ejn	431	Water	
Hydraulic Engr-awm	433	Water	
Water Study Abroad-ejn/dpa/mbb	439	Water	
Foundation Engr-kmr	442	Geo	
Environmtl Engr Processes-mbb/gpw	451	Water	
GeoDesgnHighway-ms/ggs	461	Trans	
Int'l Megacities-ggs	467	Trans	
Civil Engr Practice-mmb/ejn	471 A/B		
Civil Engr Design-mmb/ejn	472	Water	
CEEn Practicum	493 R		
Directed Studies in CEEn	498 R		
Desgn Matrix Apps-MeEn	500 **		
Stress Analysis-MeEn	501 **		
Plasticity Fracture-MeEn	503 **		
Cmptr Structl Analysis-rjb	504	Struc	
Cement Concrete Dsgn-wsg	505	Trans	
Linear Finite Element Methods-mas	507	Struc	
Structural Vibrations-pwr	CE508ME535	Struc	
Geospacial Software Development-dpa	514	Water	
SeismicResistSteelBldg-pwr	521	Struc	
Aircraft Structures-dwj	523	Struc	
Bridge Structures-cmi	525		
Masonry Design-fsf- Even yrs	528	Struc	
Timber Design-dwj	529	Struc	
Hydrologic Modeling-ejn	531	Water	
Hydroinformatics-dpa	534	Water	
HydraulicDsgnChannel-awm	535	Water	
GeoEnviron Engr-gpw	540	Water	
SeepageSlopeStability-nlj	544	Geo	
GeotecAnalyEarthquake-kmr	545	Geo	
Groundwater Modelling-nlj	547	Geo	
WaterTreatmentFacili-mbb	551	Water	
Environ Chemistry-gpw	555	Water	
Traffic Engr-ms	562	Trans	
Pavement Design-wsg	563	Trans	
Urban Trans Planning-ggs	565	Trans	
Cmptr Engr Software-MeEn	570 **		
CmptrGeometricDesign-CS	572	No longer taught	
OptimizatnTechEngr-MeEn	575 **		
Selected Problems in CEEn	594 R		
Composite Structures-dwj	602	Struc	
Continuum & Solid Mechanics-rjb	604	Struc	
Nonlinear Finite Element Mths- mas	607	Struc	
SpectrlAnlysDynamSys-MeEn	609 *		
SedimntTransRvrRestor-rhh	635	Water	
Adv'd Soil Mechanics-kmr	641	Geo	
Adv'd Foundation Engr-kmr	644	Geo	
Fld&Lab Testing Soils-kmr	645 ***	Geo	
GrndwtrContaminTrans-gpw	648	Water	
Wastewater Trtmt -mbb	651	Water	
Water Adv Trtmt Proc-mbb	654	Water	
Traffic Simu/Analysis-ms	662	Trans	
Trans Site Planning-ms/ggs	664	Trans	
BusinessManagement-ejn	681	Water	
ProjectManagement-ejn	682	Water	
Graduate Seminar/fsf	691 R		
Advanced Hydraulic Routing - rhh	694 R		
Selected Problems	694 R		

* 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

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2017-2018			
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2018-2019			
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2019-2020			
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