

*CIV\_ENV class schedule for the 2017-2018 Academic Year*

Course #	Course Title	Fall 2017	Winter 2018	Spring 2018
<a href="#">CIV_ENV 195-0</a>	UGRD – Experimental Courses / Selected Topics **Sec 20—FALL Intro to CEE (0 units)	5-5:50 W Corr		
<a href="#">CIV_ENV 203-0</a>	Energy and the Environment Discussion section required—(cross listed with ENVR_SCI 203-0)	2-3:20 TTh 9:30-11:00 Th Blair		
<a href="#">CIV_ENV 205</a>	Economics & Finance for Engineers	4:00-5:20 TTH Durango-Cohen		3:30-4:50 MW Durango-Cohen
<a href="#">CIV_ENV 216-0</a>	Mechanics of Materials I Lab section required No P/N	11-11:50 MTWF Alarcon 216 (enroll cap 50) Joint offering in Fall, Wtr, & Spg with BMD_ENG 271 (enroll cap 50) = 100	11-11:50 MTWF Rudnicki 216 (enroll cap 50) Joint offering in Fall, Wtr, & Spg with BMD_ENG 271 (enroll cap 50) = 100	11-11:50 MTWF Alarcon 216 enroll cap 60, Joint offering in Fall, Wtr, & Spg with BMD_ENG 271 (enroll cap 25) = 50
	Lab Section	1-2:50 T		
		3-4:50 T		
	Lab Section	10-11:50 Th		
	Lab Section	3-4:50 Th		
	Lab Section		3-4:50 Th	
	Lab Section		9-10:50 Th	
	Lab Section		1-2:50 Th	
	Lab Section		11-12:50 Th	
	Lab Section			11-12:50 Th
	Lab Section			1 – 2:50 Th
	Lab Section			9-10:50 Th
<a href="#">CIV_ENV 221-0</a>	Theory of Structures I Lab section required No P/N	9-9:50 MWF 9:30-10:50 Th Chou		
<a href="#">CIV_ENV 250-0</a>	Introductory Soil Mechanics Lab section required No P/N	10-10:50 MWF 6-8:50 W Buscarnera		
<a href="#">CIV_ENV 260-0</a>	Fund of Environmental Engrg Lab section required No P/N			9-9:50 MWF Wells Sec 60 lab 2-3:50 M Sec 61 lab 4:00-5:50 M
<a href="#">CIV_ENV 295</a>	** <a href="#">Section 20</a> – Spring Structural Art			12:30-1:50 TTh Corr
<a href="#">CIV_ENV 295</a>	** <a href="#">Section 21</a> – Fall Biology Ecology & Engineering	4:00-4:50 MWF Hartmann		
<a href="#">CIV_ENV 295</a>	** <a href="#">Section 23</a> – Spring Geology for Engineers Cross listed with 358	11:00-12:20TTH Dowding		
	Lab Section (AG40)	M 6:00-7:50		
	Lab Section (AG40)	Th 12:30-2:20		

<a href="#">CIV_ENV 301-1</a>	Professional Devel Seminar (CEE Seniors only).		4:30-5:20M Chou	
<a href="#">CIV_ENV 301-2</a>	Professional Devel Seminar (CEE Seniors only).		3:00-3:50 M Corr	
<a href="#">CIV_ENV 302-0</a>	Engineering Law			3:30-5:20 TTh Krizek/Rockman/Croke
<a href="#">CIV_ENV 303-0</a>	Environmental Law and Policy	5:00-7:50 Th Harley		
<a href="#">CIV_ENV 304-0</a>	Civil and Environmental Engrg Systems Analysis			9:30-10:50 TTh Staff
<a href="#">CIV_ENV 306-0</a>	Uncertainty Analysis In Civil Engrg No P/N	12-12:50 MWF 9-9:50 T Clark		
<a href="#">CIV_ENV 317-0</a>	Biogeochemistry		9:30-10:50 TTh Blair	
<a href="#">CIV_ENV 319-0</a>	Theory of Structures II Discussion Section required		12-1:50 MW 12:30-1:50 T Alarcon- Flemming	
<a href="#">CIV_ENV 320-0</a>	Structural Analysis-Dynamics Computer Lab Section required	1-1:50 MWF 9:30-10:50 Tu Corr		
<a href="#">CIV_ENV 321-0</a>	Properties of Concrete		4-6 MW Lab 6-7:50 M D'Ambrosia	
<a href="#">CIV_ENV 323-0</a>	Structural Steel Design Lab Section required		9:00-9:50 MWF 2:00-3:20 T Chou	
<a href="#">CIV_ENV 325-0</a>	Reinforced Concrete Discussion Section required		10-10:50 MWF 2-3:20 Th Corr	
<a href="#">CIV_ENV 327-0</a> (need 100)	Finite Element Methods in Mechanics (offered jointly with MECH_ENG 327)	12:30-1:50 TTh Liu		
<a href="#">CIV_ENV 330-0</a>	Construction Management Jr/Sr only-NO P/N	6-7:50 MW 4-5:50 F Tilghman/Krizek		
<a href="#">CIV_ENV 332-0</a>	Building Construction Estimating Prereq: CIV_ENV 503, or permission of Krizek <a href="mailto:rjkrizek@northwestern.edu">rjkrizek@northwestern.edu</a>			4-5:50 MW Krizek/Tilghman/ Higgins
<a href="#">CIV_ENV 336-0</a>	Project Scheduling Permission number from <a href="mailto:a-hadavi@northwestern.edu">a-hadavi@northwestern.edu</a>		6:30-9:20 W Lab: M 5:00-6:00, T 3:00-4:00, 4:00-5:00, 5-5:50 W 9:30-10:30 Hadavi	
<a href="#">CIV_ENV 340-0</a>	Fluid Mechanics II Lab section required No P/N			12-12:50 MWF Clark Sec 60 lab 2-3:50 M) Sec 61 lab 4:00-5:50 M

<a href="#">CIV_ENV 355</a>	Engineering Aspects of Groundwater Flow	12:30-1:50 MW Rossabi		
<a href="#">CIV_ENV 361-1</a>	Environmental Microbiology	2-3:50 MW Marcelino		
<a href="#">CIV_ENV 361-2</a>	Public and Environmental Health		11-12:20 TTh Marcelino	
<a href="#">CIV_ENV 364-0</a>	Environmental Engrg Apps II: Water Discussion section req No P/N		9-9:50 MWF Disc 1-1:50Th Wells	
<a href="#">CIV_ENV 365-0</a>	Environmental Lab Sec 20—Undergraduates Sec 21—Graduates		Sec 20 1-5:50 T Staff Sec 21 1-5:50 Th Gaillard	
<a href="#">CIV_ENV 367-0</a>	Aquatic Chemistry Discussion sec required No P/N	10-10:50 MWF 12:30-1:50 Th Gaillard		
<a href="#">CIV_ENV 368-0</a>	Sustainability: Issues and Actions, Near and Far	3:30-6:20 T Gray		
<a href="#">CIV_ENV 371-0</a>	Intro Transportation Planning and Analysis Discussion section required No P/N	2-3:50 MW 2-4 F Schofer		
<a href="#">CIV_ENV 376-0</a>	Transp Systems Operations	8-9:50 MW Nie		
<a href="#">CIV_ENV 382-0</a>	Capstone Design Discussion section required CivEnv Seniors only			1:00-2:20 TTh 6-7:20 Th Disc Corr/Rossabi
<a href="#">CIV_ENV 385-1</a>	Architectural Engrg & Design I: Fundamentals (Engineering Jrs/Srs only) (meets in TECH L441) Max enroll 15 with permission number	4-5:50 TTh Cyphers/Booth		
<a href="#">CIV_ENV 385-2</a>	Architectural Engrg & Design II: Intermediate (Engineering Jrs/Srs only; AED I or permission of instructor) (meets in TECH L441) Max enroll 15 with permission number		4-5:50 TTh Cyphers/Booth	
<a href="#">CIV_ENV 385-3</a>	Architectural Eng & Dsgn III: Advanced (Engineering Jrs/Srs only; AED II or permission #) (meets in TECH L441) Max enroll 15			4-5:50 TTh Cyphers/Booth
<a href="#">CIV_ENV 395-0</a>	UGrad – Experimental Courses Selected Topics			

	** <a href="#">Section 23</a> – SPRING Energy Law & Policy			4:00-6:50 W Harley
	** <a href="#">Section 24</a> – SPRING Computational Forensics (offered jointly with MECH_ENG 395, 24)			3:30-4:50 TTh Fleming
	** <a href="#">Section 25</a> – SPRING Water in Israel and the Middle East			2-4:50 Th Packman
	** <a href="#">Section 26</a> - FALL High Performance Architectural Design	4- 5:50 MW Thorton Tomesseti		
	** <a href="#">Section 27</a> – Winter		MW 4-5:50 Schaebel/Mozin a	
<a href="#">CIV_ENV 398-1.2</a>	Community-based Design 1, 2 Must have permission of instructor and permission number. <b>“K” grade in Winter</b> Q (continuing). Spring results in conversion of Winter's " K" to a Letter Grade		3:30-5:30 F Gray	6-7:30 T Gray
<a href="#">CIV_ENV 399-0</a>	Projects—UDRD-level INDIVIDUAL INSTRUCTOR SECTIONS / Projects are for Letter Grades only.			
<a href="#">CIV_ENV 410</a>	Plates and Shells		9:30-10:50 TTh Cusatis	
<a href="#">CIV_ENV 414-1</a>	Mechanics of Composite Materials I	2-3:20 TTh Daniel		
<a href="#">CIV_ENV 414-2</a>	Mechanics of Composite Materials II			2-3:20 TTh Daniel
<a href="#">CIV_ENV 415-0</a>	Theory of Elasticity			11:00-12:20 TTh Akono
<a href="#">CIV_ENV 417-1</a> needs 75	Mechanics of Continua I	10-10:50 MWF Rudnicki		
<a href="#">CIV_ENV 421-0</a>	Prestressed Concrete Design		8-9:20 TTh Cusatis	
<a href="#">CIV_ENV 422</a>	Limit Analysis of Structures	8:00-9:20 TTh Cusatis		
<a href="#">CIV_ENV 424</a>	Stability of Structures	2-4 MWF Bazant		
<a href="#">CIV_ENV 426-1</a>	Advanced Finite Element Methods 1 (offered jointly with MECH_ENG 426-1)		3:30-4:50 TTh Fleming	

<a href="#">CIV_ENV 426-2</a>	Advanced Finite Element Methods 2 (offered jointly with MECH_ENG 426-2)			9:30-10:50 TTh Liu
<a href="#">CIV_ENV 430-0</a>	Cohesive Fracture and Scaling			1-2:50 MWF Bazant
<a href="#">CIV_ENV 435-0</a>	Cost Engineering and Control			6:30-9:20 M Hadavi
<a href="#">CIV_ENV 436-0</a>	Constr Contracts/Dispute Resolution		6:30-9:20 M Krizek/Eichorn	
<a href="#">CIV_ENV 440-0</a>	Environ Transport Processes	9:30-10:50 TTh 12:30-1:50 T Lab Packman		
<a href="#">CIV_ENV 443</a>	Microbial Ecology			TF 4:00-5:20 Wells
<a href="#">CIV_ENV 444-0</a>	Physical/Chemical Processes In Environmental Control		2-3:50 MW Clark	
<a href="#">CIV_ENV 448-0</a>	Biophysicochemical Processes in Environmental Systems			10-10:50 MWF Gaillard
<a href="#">CIV_ENV 450-1</a>	Soil Mechanics 1	8-9:50 MW Finno		
<a href="#">CIV_ENV 450-2</a>	Soil Mechanics 2		8:00 – 9:50 MW Finno	
<a href="#">CIV_ENV 450-3</a>	Soil Mechanics 3			8-9:50 MW Finno
<a href="#">CIV_ENV 454</a>	Constitutive Models for Soils		12-1:50 TTh Buscarnera	
<a href="#">CIV_ENV 458</a>	Soil Dynamics		9:00-10:50 TTh Buscarnera	
<a href="#">CIV_ENV 468</a>			10:00-10:50 MWF Pablo Pasten	
<a href="#">CIV_ENV 473</a>	Survey Methods, data and analysis			10-11:50 MW Stathopoulos
<a href="#">CIV_ENV 479-0</a>	Transp Systems Planning and Management Discussion section required	2-3:50 MW 2-4 F Schofer		
<a href="#">CIV_ENV 480-1</a>			2-3:50 MW Ermagun	
<a href="#">CIV_ENV 480-2</a>	Travel Demand Analysis and Forecasting 2			4-5:50 MW Hani Mahmassani
<a href="#">CIV_ENV 482-0</a>	Evaluation and Decision-making for Infrastructure Sys Discussion section required			2-3:50 TTh 2- 3:50 F Schofer

<a href="#">CIV_ENV 483</a>	InfrastrSysAnaly		9:30-10:50 TTh DIS 10-10:50 F Durango Cohen	
<a href="#">CIV_ENV 484</a>	Advanced Theories of Traffic Flow		Mahmassani 4:00-5:50 MW	
<a href="#">CIV_ENV 495-0</a>	Grad – Experimental Courses Selected Topics			
	** <a href="#">Sec 19</a> Spring Computational Geotechnics			MW 10:00-11:50 Hambleton
	** <a href="#">Sec 20</a> —FALL Advanced Design of Steel Structures Prerequisite: CIV_ENV 323	6:30-8:30 TTh Jennifer Traut- Todaro/Max Puchtel		
	**Sec 22 – SPRING Landfill Design, Operations and Closure			TBD Jesse Varsho
	** <a href="#">Sec 25</a> – Spring Structures Capstone for STR MS students			W 6:00-7:50 Garo and Chou
	** <a href="#">Sec 27</a> ——SPRING Advanced Design of Reinforced Concrete Structures			4:00-5:50 MW Mahmoud Kamara
	** <a href="#">Sec 28</a> —SPRING Dynamic Deformation of Materials			3:30-4:50 TTh Balogun
	** <a href="#">Sec 32</a> – Spring Data Analytics for TRN			9-12 Th Chen
	** <a href="#">Sec 36</a> – Spring Molecular Microbiology			1:00-2:20 TTh Hartmann
	** <a href="#">Sec 38</a> – Fall Airphoto Interpretation	11 – 12:20 TTh Dowding		
	Lab Section		6 – 7:50 M	
	Lab Section		12:30 – 2:20 Th	
	**Sec 39 - Spring Case Studies in GEO			TBD STAFF
<a href="#">CIV_ENV 497</a>	**Sec 20--FALL (.50 unit) Special Topic	TBA Krizek	TBA Krizek	TBA Krizek
<a href="#">CIV_ENV 499-0</a>	Projects – Graduate level INDIVIDUAL INSTRUCTOR SECTIONS / Permission of instructor & permission number Must complete an application; Letter Grades only.			
<a href="#">CIV_ENV 503-0</a>	Materials and Methods In Construction Seminar -- This is the Prereq if you are planning to take CIV_ENV		3-5:50 W Krizek/Benhart	

	332 in Spring Quarter, or permission of Prof Krizek			
<a href="#">CIV_ENV 504-0</a>	SEIM Capstone Pre-design Seminar (S/US grade) This is the Prereq if you are <b>planning to take “Structures Capstone for SEIM MS students” in the Spring</b>		6-8 W Chou and Garo	
<a href="#">CIV_ENV 512-1,2,3</a>	Structural Engineering and Mechanics Seminar	11:00-11:50 W Cusatis	11:00-11:50 W Cusatis	11:00-11:50 W Cusatis
<a href="#">CIV_ENV 515-1,2</a>	Geotechnics Seminar		12-12:50 W Buscarnera	12-12:50 W Finno
<a href="#">CIV_ENV 516-1,2,3</a>	Environmental Eng and Science Seminar	2-3:30 F Wells	2-2:50 F Gaillard	2-2:50 F Gaillard
<a href="#">CIV_ENV 517-1,2,3</a>	Transportation Seminar	3:30-5 Th Stathopoulos	3:30-5 Th Stathopoulos	3:30-5 Th Stathopoulos
<a href="#">CIV_ENV 533-1,2,3</a>	Project Management Seminar	3-3:50 M Krizek/Hadavi	3-3:50 M Krizek/Hadavi	3-3:50 M Krizek/Hadavi
<a href="#">CIV_ENG 590-0</a>	Research Units (PhD) INDIVIDUAL INSTRUCTOR SECTIONS			
<a href="#">GEN_ENG 220-1, 2</a>	Analytic and Computer Graphics AutoCAD 1. Must have permission number. <b>2. Winter Q has a “K”</b> (continuing) grade; Spring converts <b>Winter’s “K” to a Pass/No Pass</b> and a Spring Grade of Pass/No Pass. 3. Final Grade will be on a mandatory P/N only basis at the end of the 2-quarter period.		6:30-8:50 W +1.5hr Lab/Tutorial Conway	6:30-8:50 W +1.5hr Lab/Tutorial Olson

Last Updated on 12/5/17