

MULTIPLE TERM SCHEDULE

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CIV_ENV 101-0 - Introduction to Civil and Environmental Engineering

2022 Fall

1 - SEM: Corr, David (DJC418)(43)

2023 Winter

2023 Spring

CIV_ENV 195-0 - Introductory Course in Civil and Environmental Engineering

2022 Fall

X1 - LEC: Staff(0)

2023 Winter

2023 Spring

CIV_ENV 201-0 - Engineering Possibilities: Decision Science in the Age of Smart Technologies

2022 Fall

2023 Winter

1 - LEC: Blomberg Stathopoulos, Amanda (AIS461)(35)

2023 Spring

CIV_ENV 202-0 - Biological and Ecological Principles

2022 Fall

1 - LEC: Hartmann, Erica (EMH2639)(41)

X2 - LEC: Staff(0)

X3 - DIS: Staff(0)

2023 Winter

2023 Spring

CIV_ENV 203-0 - Earth in the Anthropocene

2022 Fall

2023 Winter

2023 Spring

1 - LEC: Blair, Neal (NEB677)(94)

CIV_ENV 205-0 - Economics and Finance for Engineers

2022 Fall

1 - LEC: Durango-Cohen, Elizabeth (EJD466)(72)

20 - DIS: Durango-Cohen, Elizabeth (EJD466)

(54)

21 - DIS: Durango-Cohen, Elizabeth (EJD466)

(18)

2023 Winter

2023 Spring

1 - LEC: Durango-Cohen, Pablo Luis (PLD508) (56)

2 - DIS: Durango-Cohen, Pablo Luis (PLD508) (31)

3 - DIS: Durango-Cohen, Pablo Luis (PLD508) (34)

CIV_ENV 216-0 - Mechanics of Materials I

2022 Fall

1 - LEC: Marrero, Raul (REM476)(38)

X2 - LAB: Staff(0)

X3 - LAB: Staff(0)

X4 - LAB: Staff(0)

2023 Winter

01 - LEC: Pathirage, Madura (MPP365)(43)

2023 Spring

01 - LEC: Alarcon-Fleming, Arantzazu (AAF866) (88)

CIV_ENV 220-0 - Structural Art

2022 Fall

2023 Winter

2023 Spring

1 - LEC: Aronson, Michael (MDA032)(35)

CIV_ENV 221-0 - Theory of Structures I

2022 Fall

01 - LEC: Pathirage, Madura (MPP365)(21)

20 - LAB: Staff(21)

2023 Winter

2023 Spring

CIV_ENV 250-0 - Earth Surface Engineering**2022 Fall**01 - LEC: Rotta Loria, Alessandro (ARL9125)
(23)20 - LAB: Rotta Loria, Alessandro (ARL9125)
(22)**2023 Winter****2023 Spring****CIV_ENV 260-0 - Environmental Systems and Processes****2022 Fall****2023 Winter****2023 Spring**

20 - LEC: Wells, George (GFW255)(39)

60 - LAB: Wells, George (GFW255)(26)

61 - LAB: Wells, George (GFW255)(13)

CIV_ENV 280-1 - Architectural Engineering & Design Seminar I**2022 Fall****2023 Winter****2023 Spring**

1 - SEM: Chinazzo, Giorgia (GCV3451)(5)

CIV_ENV 280-2 - Architectural Engineering & Design Seminar II**2022 Fall****2023 Winter****2023 Spring**

1 - SEM: Chinazzo, Giorgia (GCV3451)(5)

CIV_ENV 280-3 - Architectural Engineering & Design Seminar III**2022 Fall****2023 Winter****2023 Spring**

1 - SEM: Chinazzo, Giorgia (GCV3451)(4)

CIV_ENV 301-1 - Professional Development Seminar I**2022 Fall****2023 Winter****2023 Spring**

20 - SEM: Gray, Kimberly (KGR425)(34)

CIV_ENV 301-2 - Professional Development Seminar II**2022 Fall****2023 Winter****2023 Spring**

1 - SEM: Pathirage, Madura (MPP365)(18)

CIV_ENV 302-0 - Engineering Law**2022 Fall****2023 Winter****2023 Spring**

20 - LEC: Croke, Patrick (PCR212)(13)

CIV_ENV 303-0 - Environmental Law and Policy**2022 Fall****2023 Winter****2023 Spring**

20 - LEC: Harley, Keith (KIH219)(38)

CIV_ENV 304-0 - Civil and Environmental Engineering Systems Analysis**2022 Fall****2023 Winter****2023 Spring**1 - LEC: Durango-Cohen, Pablo Luis (PLD508)
(31)**CIV_ENV 306-0 - Uncertainty Analysis****2022 Fall****2023 Winter****2023 Spring**

20 - LEC: Chen, Ying (YCH168)(36)

60 - DIS: Chen, Ying (YCH168)(36)

CIV_ENV 308-0 - Environmental Justice**2022 Fall****2023 Winter****2023 Spring**

1 - LEC: Harley, Keith (KIH219)(19)

CIV_ENV 309-0 - Climate and Energy - Law and Policy		
2022 Fall	2023 Winter	2023 Spring
	1 - LEC: Harley, Keith (KIH219)(27)	
CIV_ENV 314-0 - Organic Geochemistry		
2022 Fall	2023 Winter	2023 Spring
	1 - LEC: Blair, Neal (NEB677)(11)	
CIV_ENV 320-0 - Structural Analysis--Dynamics		
2022 Fall	2023 Winter	2023 Spring
1 - LEC: Keten, Sinan (SKE318)(7)		
CIV_ENV 321-0 - Concrete Properties		
2022 Fall	2023 Winter	2023 Spring
	1 - LEC: D'Ambrosia, Matthew (MDD456)(14)	
	2 - LAB: D'Ambrosia, Matthew (MDD456)(14)	
CIV_ENV 323-0 - Structural Steel Design		
2022 Fall	2023 Winter	2023 Spring
		1 - LEC: Alarcon-Fleming, Arantzazu (AAF866)(15)
		2 - LAB: Alarcon-Fleming, Arantzazu (AAF866)(15)
CIV_ENV 325-0 - Reinforced Concrete		
2022 Fall	2023 Winter	2023 Spring
	1 - LEC: Alarcon-Fleming, Arantzazu (AAF866)(15)	
	2 - DIS: Alarcon-Fleming, Arantzazu (AAF866)(15)	
CIV_ENV 327-0 - Finite Element Methods in Mechanics		
2022 Fall	2023 Winter	2023 Spring
20 - LEC: Liu, Wing (WKL)(12)		
CIV_ENV 328-0 - Computational Forensics and Failure Analysis		
2022 Fall	2023 Winter	2023 Spring
		1 - LEC: Fleming, Mark (MAF650)(0)
CIV_ENV 330-0 - Engineering Project Management		
2022 Fall	2023 Winter	2023 Spring
01 - LEC: Brown, Jason (JRB6930)(9)		
CIV_ENV 332-0 - Building Construction Estimating		
2022 Fall	2023 Winter	2023 Spring
		20 - LEC: Peterson, Scott (SMP6577)(20)
CIV_ENV 336-0 - Project Scheduling		
2022 Fall	2023 Winter	2023 Spring
	20 - LEC: Hadavi, Ahmad (AHMAD)(12)	
	22 - DIS: Hadavi, Ahmad (AHMAD)(4)	
	23 - DIS: Hadavi, Ahmad (AHMAD)(0)	
	24 - DIS: Hadavi, Ahmad (AHMAD)(2)	

25 - DIS: Hadavi, Ahmad (AHMAD)(5)

26 - DIS: Hadavi, Ahmad (AHMAD)(1)

CIV_ENV 340-0 - Hydraulics and Hydrology

2022 Fall

2023 Winter

2023 Spring

1 - LEC: Saavedra Cifuentes, Edwin Yesid (EYC7250)(24)

2 - LAB: Saavedra Cifuentes, Edwin Yesid (EYC7250)(9)

3 - LAB: Saavedra Cifuentes, Edwin Yesid (EYC7250)(14)

CIV_ENV 346-0 - Ecohydrology

2022 Fall

2023 Winter

2023 Spring

1 - LEC: Packman, Aaron (APA070)(24)

2 - LAB: Packman, Aaron (APA070)(24)

CIV_ENV 352-0 - Foundation Engineering

2022 Fall

2023 Winter

2023 Spring

1 - LEC: Rotta Loria, Alessandro (ARL9125)(22)

CIV_ENV 353-0 - Energy Geostuctures & Geosystems

2022 Fall

2023 Winter

2023 Spring

X1 - LEC: Staff(0)

CIV_ENV 357-0 - Terramechanics

2022 Fall

2023 Winter

2023 Spring

1 - LEC: Hambleton, James (PJH1459)(10)

CIV_ENV 361-1 - Environmental Microbiology

2022 Fall

2023 Winter

2023 Spring

20 - LEC: Marcelino, Luisa (LAM853)(27)

CIV_ENV 361-2 - Public & Environmental Health

2022 Fall

2023 Winter

2023 Spring

20 - LEC: Marcelino, Luisa (LAM853)(13)

CIV_ENV 364-0 - Sustainable Water Systems

2022 Fall

2023 Winter

2023 Spring

01 - DIS: Wells, George (GFW255)(13)

20 - LEC: Wells, George (GFW255)(13)

CIV_ENV 365-0 - Environmental Laboratory

2022 Fall

2023 Winter

2023 Spring

20 - LAB: Gaillard, Jean-Francois (JGA424)(11)

21 - LAB: Gaillard, Jean-Francois (JGA424)(13)

CIV_ENV 367-0 - Chemical Processes in Aquatic Systems

2022 Fall

2023 Winter

2023 Spring

21 - LEC: Gaillard, Jean-Francois (JGA424)(29)

61 - LAB: Gaillard, Jean-Francois (JGA424)(29)

CIV_ENV 368-0 - Sustainability: The City		
2022 Fall	2023 Winter	2023 Spring
20 - LEC: Gray, Kimberly (KGR425)(63)		
CIV_ENV 370-0 - Emerging Organic Contaminants		
2022 Fall	2023 Winter	2023 Spring
1 - LEC: Hartmann, Erica (EMH2639)(21)		
CIV_ENV 371-0 - Introduction to Transportation Planning and Analysis		
2022 Fall	2023 Winter	2023 Spring
01 - LEC: Schofer, Joseph (JSCHOFER)(27)		
CIV_ENV 376-0 - Transportation System Operations		
2022 Fall	2023 Winter	2023 Spring
20 - LEC: Nie, Yu (YNI957)(8)		
CIV_ENV 377-0 - Choice Modelling in Engineering		
2022 Fall	2023 Winter	2023 Spring
X1 - LEC: Staff(0)		1 - LEC: Blomberg Stathopoulos, Amanda (AIS461)(12)
CIV_ENV 382-1 - Capstone Design I		
2022 Fall	2023 Winter	2023 Spring
1 - LEC: Gray, Kimberly (KGR425)(31)		
CIV_ENV 382-2 - Capstone Design II		
2022 Fall	2023 Winter	2023 Spring
1 - LEC: Gray, Kimberly (KGR425)(31)		
CIV_ENV 385-1 - Architectural Engineering and Design 1: Fundamentals		
2022 Fall	2023 Winter	2023 Spring
20 - LEC: Booth, Laurence (LOB944)(14)		
CIV_ENV 385-2 - Architectural Engineering & Design 2: Intermediate		
2022 Fall	2023 Winter	2023 Spring
20 - LEC: Booth, Laurence (LOB944)(13)		
CIV_ENV 385-3 - Architectural Engineering & Design 3: Advanced Studio		
2022 Fall	2023 Winter	2023 Spring
20 - LEC: Booth, Laurence (LOB944)(11)		
CIV_ENV 386-0 - High Performance Architectural Design		
2022 Fall	2023 Winter	2023 Spring
1 - LEC: Burns, Joseph (JGB0100)(10)		
CIV_ENV 387-0 - Design of Sustainable Urban Developments		
2022 Fall	2023 Winter	2023 Spring
1 - LEC: Reindel, Neil (NJR1226)(14)		
CIV_ENV 388-1 - Building Science I: Fundamentals for Sustainable Buildings		
2022 Fall	2023 Winter	2023 Spring
1 - LEC: Chinazzo, Giorgia (GCV3451)(9)		

CIV_ENV 388-2 - Building Science II: Application for Sustainable Buildings**2022 Fall****2023 Winter****2023 Spring**

1 - LEC: Chinazzo, Giorgia (GCV3451)(6)

CIV_ENV 395-0 - Special Topics in Civil and Environmental Engrg**2022 Fall****2023 Winter****2023 Spring**

X20 - LEC: Staff(0)

X1 - LEC: Staff(0)

25 - LEC: Packman, Aaron (APA070)(8)

2 - LEC: Chen, Ying (YCH168)(12)

26 - LEC: Aristilde, Ludmilla (LAM7894)(8)

CIV_ENV 410-0 - Theory of Plates and Shells**2022 Fall****2023 Winter****2023 Spring**

1 - LEC: Pathirage, Madura (MPP365)(8)

CIV_ENV 413-0 - Experimental Solid Mechanics		
2022 Fall	2023 Winter	2023 Spring X1 - LEC: Staff(0)
CIV_ENV 414-1 - Mechanics of Composite Materials 1		
2022 Fall X1 - LEC: Staff(0) X2 - LEC: Staff(0)	2023 Winter	2023 Spring
CIV_ENV 415-0 - Theory of Elasticity		
2022 Fall	2023 Winter 1 - LEC: Rudnicki, John (JWRUDN)(8)	2023 Spring
CIV_ENV 417-1 - Mechanics of Continua 1		
2022 Fall 20 - LEC: Rudnicki, John (JWRUDN)(21)	2023 Winter	2023 Spring
CIV_ENV 419-0 - Elastic Wave Propagation in Periodic Solids		
2022 Fall	2023 Winter	2023 Spring 1 - LEC: Balogun, Oluwaseyi (OBA972)(0)
CIV_ENV 421-0 - Prestressed Concrete Design		
2022 Fall 1 - LEC: Alarcon-Fleming, Arantzazu (AAF866) (9)	2023 Winter	2023 Spring
CIV_ENV 423-0 - Matrix Analysis of Structures		
2022 Fall 1 - LEC: Alarcon-Fleming, Arantzazu (AAF866) (6)	2023 Winter	2023 Spring
CIV_ENV 424-0 - Stability of Structures		
2022 Fall	2023 Winter 1 - LEC: Bazant, Zdenek (BAZANT)(7)	2023 Spring
CIV_ENV 426-1 - Advanced Finite Element Methods 1		
2022 Fall	2023 Winter 20 - LEC: Fleming, Mark (MAF650)(5)	2023 Spring
CIV_ENV 426-2 - Advanced Finite Element Methods 2		
2022 Fall	2023 Winter	2023 Spring 1 - LEC: Liu, Wing (WKL)(0)
CIV_ENV 428-1 - Structural Design I		
2022 Fall 1 - LEC: Corr, David (DJC418)(7)	2023 Winter	2023 Spring
CIV_ENV 428-2 - Structural Design II		
2022 Fall	2023 Winter 1 - LEC: Brown, Susan Alexis (SAB1202)(6) 2 - DIS: Brown, Susan Alexis (SAB1202)(6)	2023 Spring

CIV_ENV 428-3 - Structural Design III		
2022 Fall	2023 Winter	2023 Spring 1 - LEC: Young, Bradley (HPP0201)(6) 2 - DIS: Young, Bradley (HPP0201)(6)
CIV_ENV 430-0 - Quasibrittle Fracture and Scaling		
2022 Fall	2023 Winter	2023 Spring 1 - LEC: Bazant, Zdenek (BAZANT)(8)
CIV_ENV 435-0 - Cost Engineering and Control		
2022 Fall	2023 Winter	2023 Spring 20 - LEC: Hadavi, Ahmad (AHMAD)(4)
CIV_ENV 440-0 - Environmental Transport Processes		
2022 Fall 01 - LEC: Packman, Aaron (APA070)(22) 60 - LAB: Packman, Aaron (APA070)(22)	2023 Winter	2023 Spring
CIV_ENV 443-0 - Microbial Ecology for Resource Recovery		
2022 Fall	2023 Winter	2023 Spring 1 - LEC: Wells, George (GFW255)(29)
CIV_ENV 448-0 - Computational Chemodynamics		
2022 Fall	2023 Winter 1 - LEC: Gaillard, Jean-Francois (JGA424)(17)	2023 Spring
CIV_ENV 450-1 - Soil Mechanics 1		
2022 Fall 1 - LEC: Rotta Loria, Alessandro (ARL9125)(6)	2023 Winter	2023 Spring
CIV_ENV 454-0 - Constitutive Models for Soils		
2022 Fall	2023 Winter	2023 Spring 1 - LEC: Buscarnera, Giuseppe (GBD808)(10)
CIV_ENV 455-0 - Plasticity and Limit Analysis		
2022 Fall	2023 Winter 1 - LEC: Hambleton, James (PJH1459)(9)	2023 Spring
CIV_ENV 471-1 - Transportation Systems Analysis 1		
2022 Fall	2023 Winter 1 - LEC: Nie, Yu (YNI957)(9)	2023 Spring
CIV_ENV 471-2 - Transportation Systems Analysis 2		
2022 Fall	2023 Winter	2023 Spring 1 - LEC: Nie, Yu (YNI957)(4)
CIV_ENV 472-1 - Transportation System Operations and Control 1: Urban Networks		
2022 Fall	2023 Winter X1 - LEC: Staff(0)	2023 Spring 1 - LEC: Mahmassani, Hani (HMX331)(9)
CIV_ENV 472-2 - Transportation System Operations and Control 2: Scheduled Modes and Real-Time		
2022 Fall	2023 Winter 1 - LEC: Mahmassani, Hani (HMX331)(8)	2023 Spring

CIV_ENV 479-0 - Transp Systems Planning & Management**2022 Fall**

01 - LEC: Schofer, Joseph (JSCHOFER)(10)

20 - LAB: Schofer, Joseph (JSCHOFER)(10)

2023 Winter**2023 Spring****CIV_ENV 480-1 - Travel Demand Analysis & Forecasting 1****2022 Fall****2023 Winter**3 - LEC: Blomberg Stathopoulos, Amanda
(AIS461)(10)**2023 Spring****CIV_ENV 482-0 - Evaluation and Decision Making for Infrastructure Systems****2022 Fall****2023 Winter****2023 Spring**

20 - LEC: Schofer, Joseph (JSCHOFER)(9)

CIV_ENV 483-0 - Infrastructure Systems Analysis**2022 Fall****2023 Winter**1 - LEC: Durango-Cohen, Pablo Luis (PLD508)
(8)20 - DIS: Durango-Cohen, Pablo Luis (PLD508)
(9)**2023 Spring****CIV_ENV 495-0 - Selected Topics in Civil Engineering****2022 Fall**

X15 - LEC: Staff(0)

2023 Winter

X1 - LEC: Staff(0)

2023 Spring

32 - LEC: Chen, Ying (YCH168)(11)

33 - LEC: Aristilde, Ludmilla (LAM7894)(22)

34 - LEC: Rudnicki, John (JWRUDN)(5)

35 - LEC: Akono, Ange-Therese (AAW5904)(8)

CIV_ENV 503-0 - Materials & Methods in Construction**2022 Fall****2023 Winter****2023 Spring**

20 - SEM: Benhart, Bradley (BLB9271)(6)

CIV_ENV 508-0 - M.S. Research Paper for non-thesis option**2022 Fall****2023 Winter****2023 Spring**

1 - IND: Staff(1)

1 - IND: Blomberg Stathopoulos, Amanda (AIS461)(0)

2 - IND: Staff(0)

2 - IND: Nie, Yu (YNI957)(0)

3 - IND: Staff(0)

3 - IND: Durango-Cohen, Pablo Luis (PLD508)(0)

4 - IND: Staff(0)

4 - IND: Mahmassani, Hani (HMX331)(0)

5 - IND: Staff(0)

5 - IND: Chen, Ying (YCH168)(0)

6 - IND: Staff(0)

CIV_ENV 512-1 - Structural Engineering & Mechanics Sem**2022 Fall****2023 Winter****2023 Spring**

20 - SEM: Keten, Sinan (SKE318)(15)

21 - SEM: Chinazzo, Giorgia (GCV3451)(6)

CIV_ENV 512-2 - Structural Engineering & Mechanics Sem**2022 Fall****2023 Winter****2023 Spring**

20 - SEM: Akono, Ange-Therese (AAW5904)(15)

21 - SEM: Chinazzo, Giorgia (GCV3451)(5)

CIV_ENV 512-3 - Structural Engineering & Mechanics Sem**2022 Fall****2023 Winter****2023 Spring**

20 - SEM: Hambleton, James (PJH1459)(14)

21 - SEM: Chinazzo, Giorgia (GCV3451)(5)

CIV_ENV 515-1 - Geotechnics Seminar**2022 Fall****2023 Winter****2023 Spring**

20 - SEM: Akono, Ange-Therese (AAW5904)(8)

CIV_ENV 515-2 - Geotechnics Seminar**2022 Fall****2023 Winter****2023 Spring**

20 - SEM: Hambleton, James (PJH1459)(9)

CIV_ENV 516-1 - Seminar in Environmental Engineering & Science**2022 Fall****2023 Winter****2023 Spring**

20 - SEM: Gaillard, Jean-Francois (JGA424)(39)

CIV_ENV 516-2 - Seminar in Environmental Engineering and Science**2022 Fall****2023 Winter****2023 Spring**

20 - SEM: Gaillard, Jean-Francois (JGA424)(28)

CIV_ENV 516-3 - Seminar in Environmental Engineering and Science**2022 Fall****2023 Winter****2023 Spring**

20 - SEM: Gaillard, Jean-Francois (JGA424)(32)

CIV_ENV 517-1 - Seminar in Transportation Engineering**2022 Fall****2023 Winter****2023 Spring**20 - SEM: Blomberg Stathopoulos, Amanda
(AIS461)(6)**CIV_ENV 517-2 - Seminar in Transportation Engineering****2022 Fall****2023 Winter****2023 Spring**

1 - SEM: Chen, Ying (YCH168)(10)

CIV_ENV 517-3 - Seminar in Transportation Engineering**2022 Fall****2023 Winter****2023 Spring**

20 - SEM: Chen, Ying (YCH168)(7)