Civil Engineering (PhD)

Degree Requirements

Students may choose from the specializations below to complete coursework within a focus area.

Degrees earned will be distributed as: "Doctor of Philosophy in Civil Engineering" without specialization specifications.

- 54 graduate credit hours beyond master's
- Areas of Specialization
  - Computing and Systems
  - Construction Engineering
  - Environmental, Water Resources, and Coastal Engineering
  - Geotechnical/Geoenvironmental Engineering
  - Mechanics and Materials
  - Structural Engineering and Mechanics
  - Transportation Materials and Systems

Faculty

Full Professors

Sankarasubramanian Arumugam
Morton A. Barlaz
Joseph F. DeCarolis
  Area of Research: Environmental and Energy Policy
John W. Baugh Jr.
Emily Zechman Berglund
Francis Lajara De Los Reyes III
Joel Ducoste
Henry C. Frey
Mohammed Awad Gabr
Jessica Ann Kaminsky
Murthy N. Guddati
Abhinav Gupta
Tasnim Hassan
Edward J. Jaselskis
Youngsoo R. Kim
Detlef R. Knappe
Mervyn J. Kowalsky
George F. List
Min Liu
Gnanamanikam Mahinthakumar

Associate Professors

Ange Therese Akono
Alex Albert
  Area of Research: Construction Engineering and Management
Douglas F. Call
  Area of Research: Environmental & Water Resources
Cassandra Alison Castorena
Danjue Chen
Joel Casey Dietrich
Andrew P. Grieshop
Jeremiah Johnson
Brina Mortensen Montoya
Daniel R. Obenour
  Area of Research: Water Resources & Coastal Engineering
Mohammad Pour-Ghaz
Benjamin Shane Underwood

Assistant Professors

Katherine Anarde
  Area of Research: Environmental, Water Resources, & Coastal Engineering
Tarek Aziz
Eleni Bardaka
Jorge Emilio San Juan Blanco
Ashly Margot Cabas Mijares
Fernando Garcia Menendez
Ali Hajbabaie
Kook Han
Angela Rose Harris
Jordan Kern  
Jason Fredrick Patrick  
Giorgio Talotti Proestos  
Jacelyn Jaunice Rice-Boayue  
Andrew Joseph Ziccarelli

J. C. Smith  
John R. Stone  
Harvey E. Wahls  
Paul Z. Zia

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**Practice/Research/Teaching Professors**

Saran Srikanth Bodda  
Florentino Banaag De La Cruz  
Billy L. Edge  
Meagan Kittle Autry  
James William Levis  
Gregory W. Lucier  
Mohamad Shoaii Samandar  
Elizabeth J. Sciaudone

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**Emeritus Faculty**

William L. Bingham  
Robert C. Borden  
Roy H. Borden  
Earl Downey Brill Jr  
Allen C. Chao  
John S. Fisher  
Ajaya K. Gupta  
Kerry S. Havner  
Clinton L. Heimbach  
Yasuyuki Horie  
David West Johnston  
Narendra P. Khosla  
Michael Lloyd Leming  
Vernon C. Matzen  
Stephens W. Nunnally  
M. Shamimur Rahman  
Sami Rizkalla

Nagu M. Rouphail, *Distinguished Professor Emeritus*  
**Area of Research:** Transportation Engineering & Systems

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**Adjunct Faculty**

Amin Kamal Akhnoukh

Michael Scott Breen, *Adjunct Professor*  
**Area of Research:** Environmental Engineering & Air Quality

Daniel J. Findley, *Adjunct Assistant Professor*  
**Area of Research:** Transportation Research (ITRE)

Alejandra C. Geiger-Ortiz, *Adjunct Assistant Professor*  
**Area of Research:** Coastal Engineering

Leta Huntsinger

Anderson Rodrigo de Queiroz, *Adjunct Research Assistant Professor*

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**Assistant Research Professor**

Tongchuan Wei