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

James M. Nau
Margery F. Overton
William John Rasdorf
Rudolf Seracino
Akhtarhusein A. Tayebali
Billy Merle Williams Jr.

Associate Professors

Angé 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

**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 Shoaiib Samandar
Elizabeth J. Sciaudone

**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*

Aditya Sinha

**Assistant Research Professor**
Tongchuan Wei

**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

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

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