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
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
Ranji Ranjithan
William John Rasdorf
Rudolf Seracino
Akhtarhusein A. Tayebali
Billy Merle Williams Jr.

Associate Professors

Alex Albert
Area of Research: Construction Engineering and Management

Douglas F. Call
Area of Research: Environmental & Water Resources

Cassandra Alison Castorena
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
Ashly Margot Cabas Mijares
Fernando Garcia Menendez
Ali Hajbabaie
Kook Han
Angela Rose Harris
Jordan Kern
Jason Fredrick Patrick
Giorgio Talotti Proestos

Practice/Research/Teaching Professors

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

**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

**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)