

# DEPARTMENT OF CONSTRUCTION SCIENCE

The construction industry is among the largest industry in the nation with more than 8 million employees who annually produce more than 5 percent of the nation's Gross Domestic Product. Managing the construction process requires a broad understanding of the principles of construction science as well as leadership skills in motivating teams and integrating a wide range of tasks to produce a completed project.

The primary mission of the Department of Construction Science is to prepare students for successful careers and future leadership roles in construction and construction-related industries. The program integrates principles of architecture, technology, engineering, business and project management preparing students to effectively manage the total construction process. Courses taught by the Department include construction materials and methods, fundamental design courses in soils and foundations, mechanical and electrical systems and structures, project control systems and management, construction law, labor and contracts, and industry emphasis courses. In addition, related courses from other colleges are included to ensure a broad base of knowledge.

## Enrollment in Construction Science Upper Level Program

1. Students must have satisfactorily completed at least 54 hours of coursework with a minimum GPA of 2.5 for those courses completed at Texas A&M University.
2. Students must satisfactorily complete the following courses as part of the 54 hours of coursework with a minimum of a 2.5 GPA to be considered to upper level:

Code	Title	Semester Credit Hours
<b>Construction Science</b>		
COSC 153	Introduction to the Construction Industry	3
COSC 175	Construction Graphics Communication	3
COSC 253	Construction Materials and Methods I	3
COSC 275	Estimating I	3
COSC 284	Introduction to Applied Workplace Ethics, Etiquette and Communications	1
ENGL 104	Composition and Rhetoric	3
ENGL 210	Technical and Professional Writing	3
MATH 140	Mathematics for Business and Social Sciences	3
MATH 142	Business Calculus	3
PHYS 201	College Physics	4
Select one of the following:		4
CHEM 119 Fundamentals of Chemistry I		

GEOL 101 Principles of Geology  
& GEOL 101and Principles of Geology  
Laboratory

**Total Semester Credit Hours 33**

3. Students must apply for upper level through the department. The application is to be submitted the semester or summer session in which all of the above criteria are met.

- March 1 for Summer admission
- June 1 for Fall admission
- October 1 for Spring admission

## Faculty

Abdelmutaal, Sadam, Visiting Senior Lecturer  
Construction Science  
MS, University of Texas at San Antonio, 2019

Albeaino, Gilles, Assistant Professor  
Construction Science  
PHD, University of Florida - M.E. Rinker, Sr. School of Construction Management, 2023

Anand, Binay, Visiting Lecturer  
Construction Science  
DEN, University of Houston, 2004

Aryal, Ashrant, Assistant Professor  
Construction Science  
PHD, University of Southern California, 2020

Bailey, Jackson, Visiting Associate Professor of the Practice  
Construction Science  
BS, Texas A&M University, 2018

Bakchan, Amal, Assistant Professor  
Construction Science  
PHD, University of Texas - Austin, 2021

Baker, Clark, Senior Lecturer  
Construction Science  
MS, University of Kansas, 1996

Befort, Jeffrey Leo, Visiting Senior Lecturer  
Construction Science  
JD, Texas Tech University, 2000

Boldt, Gary L, Senior Lecturer  
Construction Science  
BS, Texas A&M University, 1983

Bonilla, Minerva, Assistant Professor  
Construction Science  
PHD, North Carolina State University, 2023

Bulut, Rifat, Professor  
Construction Science  
PHD, Texas A&M University, 2001

Burescia, John Joseph, Lecturer  
Construction Science  
MS, Georgia Institute of Technology, 2009

Carlson, Kimberly A, Senior Lecturer  
Construction Science  
MAR, Texas A&M University, 2002

Choi, Kunhee, Professor  
Construction Science  
PHD, University of California at Berkeley, 2008

Clarke, Roger, Associate Professor of the Practice  
Construction Science  
MS, Northwest Missouri State University, 2022

Cokinos, Gregory, Visiting Lecturer  
Construction Science  
JD, South Texas College of Law, 1982

Cooke, Guy Clarence, Visiting Lecturer  
Construction Science  
BS, Texas A&M University, 1980

Coussons, Donna, Instructional Assistant Professor  
Construction Science  
MED, Sam Houston State University, 2016

Daigneault, Melissa S, Visiting Lecturer  
Construction Science  
JD, Wake Forest University School of Law, 2003

DeWitt, Avery Ellis, Visiting Lecturer  
Construction Science  
MS, Texas A&M University, 2019

Delgado, Steven, Visiting Lecturer  
Construction Science  
BS, Texas A&M University, 2009

Dietz, Carlen, Visiting Lecturer  
Construction Science  
MS, Texas A&M University, 2021

Dixit, Manish K, Associate Professor  
Construction Science  
PHD, Texas A&M University, 2013

Dudley, Drew, Visiting Lecturer  
Construction Science  
MEN, Texas A&M University, 2012

Durden, Jesse, Visiting Senior Lecturer  
Construction Science  
MBA, Texas A&M University, 2007

Ellis, Debra R, Senior Lecturer  
Construction Science  
JD, Baylor University, 1993

Escamilla, Edelmiro E, Instructional Associate Professor  
Construction Science  
PHD, Texas A&M University, 2011

Feigenbaum, Leslie H, Senior Lecturer  
Construction Science  
MS, Texas A&M University, 1985

Feng, Peter, Visiting Senior Lecturer  
Construction Science  
PHD, University of California at Berkeley, 2009

Fickel, Larry W, Senior Lecturer  
Construction Science  
BS, Texas A&M University, 1981

Garza, Jose, Visiting Senior Lecturer  
Construction Science  
JD, Thurgood Marshall School of Law, Houston, 1991

Guerra Santos, Hernan, Senior Lecturer  
Construction Science  
MS, Texas A&M University, 2003

Gurganus, Charles F, Associate Professor  
Construction Science  
PHD, Texas A&M University, 2018

Hanks, Michael, Visiting Lecturer  
Construction Science  
BS, Texas A&M University, 1979

Hartell, Julie Ann, Assistant Professor  
Construction Science  
PHD, McGill University, Montreal, Canada, 2014

Hillestad, Derek, Visiting Senior Lecturer  
Construction Science  
PHD, Arizona State University, 2022

Holliday, Ashton, Visiting Lecturer  
Construction Science  
MAR, Texas A&M University, 2016

Holstead, John Claude, Visiting Senior Lecturer  
Construction Science  
MS, Texas A&M University, 1986

Houston, Jonathan, Senior Lecturer  
Construction Science  
BEN, Texas A&M University, 2007

Hu, Mo, Assistant Professor  
Construction Science  
PHD, Virginia Tech, 2021

Jeong, David, Professor  
Construction Science  
PHD, Purdue University, 2005

Kagerer, Patricia, Visiting Senior Lecturer  
Construction Science  
MA, Southern Methodist University, 2008

Kim, Namgyun, Assistant Professor  
Construction Science  
PHD, Texas A&M University, 2022

Lavy, Sarel, Professor  
Construction Science  
PHD, Technion - Israel Institute of Technology, Israel, 2006

Lewis, Phil, Professor  
Construction Science  
PHD, North Carolina State University, 2009

Litzinger, John, Visiting Senior Lecturer  
Construction Science  
MBA, Santa Clara University, 1994

Lofton, Waymon, Visiting Senior Lecturer  
Construction Science  
MAG, Texas A&M University, 1985

Lucio, Erick, Visiting Senior Lecturer  
Construction Science  
JD, Texas Tech University School of Law, 2005

Marraro, Anthony R, Principal Lecturer  
Construction Science  
MS, Texas A&M University, 1997

McCall, Christopher, Associate Professor of the Practice  
Construction Science  
BS, Texas A&M University, 1982

McCloskey, Aarika, Visiting Lecturer  
Construction Science  
JD, Southern Methodist University, 2014

McGowan, Anne B, Instructional Professor  
Construction Science  
MS, Texas A&M University, 1976

Morgan, Trey, Lecturer  
Construction Science  
MBA, American Military University, 2017

Mulva, Stephen Patrick, Research Professor  
Construction Science  
PHD, Georgia Institute of Technology, 2004

Nassar, Yara, Lecturer  
Construction Science  
MS, University of Florida, 2023

Nnaji, Chuma, Associate Professor  
Construction Science  
PHD, Oregon State University, 2018

Nosbisch, Michael, Visiting Senior Lecturer  
Construction Science  
MS, The George Washington University, 2001

Palmer, Richard C, Senior Lecturer  
Construction Science  
BS, Texas A&M University, 1988

Pedraza, Ricardo, Visiting Senior Lecturer  
Construction Science  
MS, Texas A&M University - Kingsville, 2013

Peery, Lori, Visiting Senior Lecturer  
Construction Science  
BA, University of Arizona Global Campus formerly Ashford University, 2012

Perez, Nicholas T, Visiting Associate Professor of the Practice  
Construction Science  
BS, University of Texas - San Antonio, 2006

Pouland, Kendall, Visiting Lecturer  
Construction Science  
BS, Texas A&M University, 2003

Reinhardt, Susan, Visiting Senior Lecturer  
Construction Science  
MBA, Thunderbird School of Global Management, 2006

Rocchio, Leland, Instructional Associate Professor  
Construction Science  
PHD, Our Lady of the Lake University, 2015

Russell, Richard Wayne, Visiting Lecturer  
Construction Science  
MBA, Texas A&M University, 1997

Rybowski, Zofia K, Professor  
Construction Science  
PHD, University of California at Berkeley, 2009

Shults, Ryan, Visiting Senior Lecturer  
Construction Science  
MAR, University of Kansas, 2013

Simms, Lance Eric, Senior Lecturer  
Construction Science  
MS, Texas A&M University, 2000

Suermann, Patrick C, Professor  
Construction Science  
PHD, University of Florida, 2009

Tinker, Audrey, Instructional Assistant Professor  
Construction Science  
PHD, Texas A&M University, 2003

Vlasek, Scott, Senior Lecturer  
Construction Science  
MS, University of Houston, 2015

Wallace, Brandon, Visiting Associate Professor of the Practice  
Construction Science  
BS, Texas A&M University, 2004

Wang, Xi, Assistant Professor  
Construction Science  
PHD, University of Michigan - Ann Arbor, 2022

Wirfs, Michael, Visiting Senior Lecturer  
Construction Science  
LLM, Texas A&M University - School of Law, 2022

Wright, Lane, Associate Professor of the Practice  
Construction Science  
BS, Texas A&M University, 1987

Zhang, Zhenyu, Assistant Professor  
Construction Science  
PHD, University of Washington, 2021

## Majors

- Bachelor of Science in Construction Science (<https://catalog.tamu.edu/undergraduate/architecture/construction-science/bs/>)

## Minors

- Facility Management Minor (<https://catalog.tamu.edu/undergraduate/architecture/construction-science/facility-management-minor/>)
- Leadership in the Design and Construction Professions Minor (<https://catalog.tamu.edu/undergraduate/architecture/construction-science/leadership-design-construction-professions-minor/>)