

# DEPARTMENT OF CONSTRUCTION SCIENCE

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<https://www.arch.tamu.edu/cosc/>

**Interim Head:** Phil Lewis, PhD

**PhD Program Coordinator:** H. David Jeong, PhD

**MS Program Coordinator:** Amir Behzadan, PhD

The Department of Construction Science offers two graduate degrees; Doctor of Philosophy in Construction Science, and Master of Science in Construction Management.

The Doctor of Philosophy in Construction Science program is designed to a) prepare construction scientists to carry out effective research and inquiry in science and technology, and to advance the body of knowledge in construction, b) prepare construction managers with advanced business skills to be practical leaders in construction and construction-related industries, and c) serve the academic needs of colleges and universities, qualifying graduates to teach in related programs, which is responsive to the requirements for employment for many construction education faculty positions.

The PhD program offers three concentration areas; i) construction management, ii) smart construction, and iii) sustainable construction. These three concentration areas address the diverse expertise and training needed to tackle new construction problems and advance construction knowledge. Thus, prospective students may range from those who have extensive experience in construction to those with various educational and professional backgrounds such as architecture, engineering, technology, business, urban planning, and others.

The Master of Science in Construction Management (MSCM) program is an advanced curriculum focusing on areas related to construction management. Students will develop a specialization through coursework in their fields of interest. The program is augmented with classes in business administration, engineering, architecture, and other support areas as appropriate for specialization development.

A minimum body of knowledge is required as a prerequisite of admission for students without an appropriate degree or substantial professional experience.

The MSCM program offers a combined master's degree program with the graduate programs in Construction Management and in Land and Property Development that enables students to graduate with a Master of Science in Construction Management and a Master in Land and Property Development upon completion of the combined (with thesis) core curriculum. A student must be admitted into both the graduate program in Construction Management and the graduate program in Land and Property Development before completion of this combined degree program.

Because of the important role of computing in the disciplines housed within the School of Architecture, all entering students are required to possess a portable, network-ready personal computer capable of running software appropriate to their academic program. No student will be denied admission to Texas A&M University based on inability to purchase a computer. Additional information is available on the School of Architecture website.

## Faculty

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

Andrews, William, Visiting Lecturer  
Construction Science  
JD, University of Houston Central Campus, 1978

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

Behzadan, Amir H, Professor  
Construction Science  
PHD, University of Michigan, 2008

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

Cokinos, Gregory, Part-Time Lecturer  
Construction Science  
JD, South Texas College of Law, 1982

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

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

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

Escamilla Jr, Edelmiro E, Instructional Associate Professor  
Construction Science  
PHD, Texas A&M University, 2011  
MAR, Texas A&M University, 2002

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

Ham, Youngjib, Associate Professor  
Construction Science  
PHD, University of Illinois at Urbana-Champaign, 2015  
MAR, Seoul National University, Korea, 2011

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

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

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

Kang, Ho-Yeong, Associate Professor  
Construction Science  
PHD, Texas A&M University, 2001

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

Lewis, Michael P, Associate Professor  
Construction Science  
PHD, North Carolina State University, 2009

McCloskey, Aarika, Part-Time Lecturer  
Construction Science  
JD, Southern Methodist University, 2014

Nnaji, Chukwuma, Assistant Professor  
Construction Science  
PHD, Oregon State University, 2018

Rocchio, Leland, Visiting Lecturer  
Construction Science  
PHD, Our Lady of the Lake University of San Antonio, 2015

Rodgers, William S, Professor of the Practice  
Construction Science  
JD, Texas Tech University, 1978

Rybkowski, Zofia K, Associate Professor  
Construction Science  
PHD, University of California at Berkeley, 2009  
MAR, Harvard University, 1991

Ryoo, Boong Y, Associate Professor  
Construction Science  
PHD, University of Wisconsin, Madison, 1995

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

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

Zhang, Zhenyu, Assistant Professor  
Construction Science  
PHD, University of Washington, 2021  
MAR, Chongqing University, 2016

## Doctoral

- Doctor of Philosophy in Construction Science (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/architecture/construction-science/construction-science-phd/>)

## Masters

- Master of Land and Property Development and Master of Science in Construction Management Combined Degree Program (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/architecture/landscape-architecture-urban-planning/combined-mlp-ms-comg/>)
- Master of Science in Construction Management (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/architecture/construction-science/ms/>)