

COLLEGE OF FINE ARTS: SCHOOL OF ARCHITECTURE

The College of Fine Arts is a community of nationally and internationally recognized artists and professionals organized into five schools: architecture, art, design, drama and music, and its associated centers and programs.

The School of Architecture provides deep immersion in the field of architecture, intensified by the broader Carnegie Mellon culture of interdisciplinary innovation and creative inquiry. We define the discipline of architecture as the integrated pursuit of design creativity, historical perspective, social responsibility, technical expertise and global environmental leadership.

This world-class architecture education is enhanced by our position within one of the world's leading research and entrepreneurship institutions, and by the fundamental premise that architectural excellence demands both rigorous training in fundamentals and the development of unique specializations. Students may extend their core knowledge either through concentration in architecture subdisciplines like sustainable design or computational design, or through interdisciplinary interaction with Carnegie Mellon's other renowned programs — whether the sciences, the humanities, business or robotics. Though every School of Architecture student graduates with intensive architecture knowledge, no two graduates leave with the same education.

In the 21st century, few architectural problems are straightforward. School of Architecture graduates excel in the roles architects have performed for centuries — and in new roles catalyzed by the depth and breadth of their education — to create and implement innovative solutions to a wide range of emerging global challenges.

PROGRAMS

Bachelor of Architecture (B.Arch):

5-year professional degree program

Minors:

Architecture
Architectural Design Fabrication
Architectural History
Architectural Representation and Visualization
Architectural Technology
Building Science

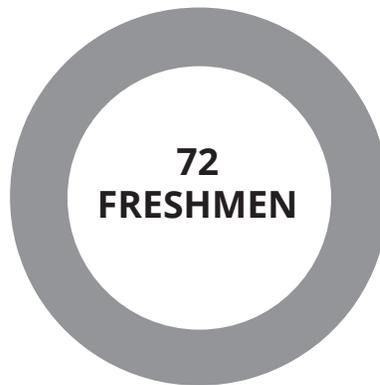
Concentration:

Integrative Design, Arts and Technology (IDeATe)

Accelerated Master Program (AMP) Options:

Interested students can choose from up to seven different accelerated master's programs.

FRESHMAN STUDENTS



Architecture Admitted Student Statistics

SATCR*	SATM*	SATWR*	ACTE	ACTM	ACTC
620-720	680-770	630-730	32	32	32

*Middle 50% range

Freshman Courses

- > Architecture Design Studios: Foundation I & II
- > First-year Seminars: Architecture Edition I & II
- > Historical Survey of World Architecture and Urbanism
- > Building Physics
- > Interpretation and Argument
- > Computing@Carnegie Mellon
- > Exploring Pittsburgh

FACULTY



of our students ranked the school excellent or above average.



The School of Architecture was ranked #9 among undergraduate programs according to DesignIntelligence 2016.

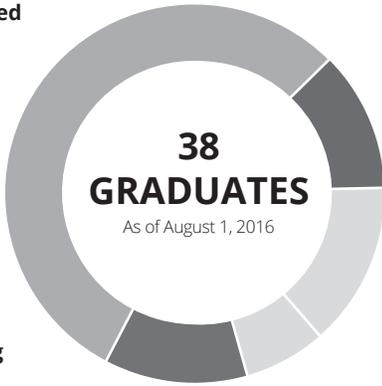
Notable Faculty

- > Steve Lee (professor and head) and John Folan (associate professor and Urban Design Build Studio director) were listed among DesignIntelligence's **30 Most Admired Educators of 2015**.
- > Daniel Cardoso Llach is an **expert in computational design and author** of *Builders of the Vision: Software and the Imagination of Design*.
- > This year, esteemed urban designer Stefan Gruber joins our faculty from the Academy of Fine Arts in Vienna. He will work with students at **the intersection between architectural design and urbanism**.
- > Faculty members Vivian Loftness, Volker Hartkopf and Ramesh Krishnamurti were **pioneers in sustainable and computational design**. They continue to conduct cutting-edge research every year.

GRADUATE SUCCESS

Employed
63%

Plans
Pending
13%



Not
Reported
13%

Grad
School
8%

Other/
Military
3%

Top Employers

- > Autodesk
- > Bohlin, Cywinski, Jackson (BCJ)
- > IKM Inc.
- > KieranTimberlake
- > Gensler
- > Payette
- > Perkins Eastman
- > Skidmore, Owings & Merrill (SOM)
- > Stantec Inc.

Notable Alumni

Anne Cotter (A 1986)
Arquitectonica, Miami

Roger Duffy (A 1979)
Principal, SOM, NYC

Adam Farmerie (A 1996) and Greg Bradshaw (A 1992)
Founders and partners, AvroKO, NYC

Oscar Harris (A 1971)
Principal, Turner Associates, Atlanta

Matt Ho (A 2014)
Associate project manager, Walt Disney Imagineering

Laura Gonzalez (A 2016)
Architectural assistant, SOM, London

Dutch MacDonald (A 1991)
President and CEO, MAYA Design, Pittsburgh

George Marsh Jr., FAIA (A 1979)
Principal, Payette, Boston

Gregory Mottola, FAIA (A 1991)
Principal, BCJ Architects, San Francisco

Paul Ostergaard, FAIA (A 1977)
Principal, Urban Design Associates, Pittsburgh

Neal Payton, FAIA (A 1978)
Principal, Torti Gallas and Partners, Inc., Santa Monica

Pradeep Ranka (A 1991)
Creative and technical director, Ranka Group, Bangalore

INNOVATIVE PROJECTS

Cross-Americas (2016)

Dana Cupkova co-chaired this year's Association of Collegiate Schools of Architecture international conference, "Cross Americas: Probing Disglobal Networks," in Santiago, Chile.

Timber (2016)

In Joshua Bard's Timber design studio, fourth- and fifth-year students put cutting-edge architectural robotics to work, using industrial robots to steam-bend wood into elegant shapes for use in next-generation timber structures.

Ecoschool (2016)

Third-year students Sophie Nahrman and Sinan Goral won both the Most Innovative and People's Choice awards in the FLUX Emerging Architects Design Competition. Their project, Ecoschool, "reverse-engineers how waste water and energy are processed within a building, heightens the awareness of climate change, and hints at a futurist, technology-empowered housing strategy."

DID YOU KNOW

1. Every freshman architecture student is trained to use both our **Digital Fabrication Lab (dFAB) and wood/metal shop facilities**. dFAB provides students access to digitally-driven tools for 3-D printing, laser cutting, 3-axis CNC milling, 6-axis custom robotic tooling operations and vacuum forming. Students also learn the art of making by hand in the wood/metal shop with training to operate equipment like a surfacer, jointers, table and radial-arm saws, wood and metal band saws, drill presses and other power and hand tools.
2. The School of Architecture **Fall and Spring Lecture Series are world-renowned**. As architecture is a stealthy moving target, so the series reflects on the expansive diversity of the field. The lecture series provides both a measure of what is out there and a challenge to the divergent potentials of where architecture can go.
3. The **Carnegie Mellon chapter of the American Institute of Architect Students (AIAS)** hosted over 350 architecture students for the 2016 Northeast Quad Conference and was awarded the prestigious national **AIAS Chapter Honor Award for 2016**.
4. **The Urban Design Build Studio** brings public interest design to life, giving students a leadership role in collaborating with local communities, nonprofits, government agencies, and general contractors to create affordable, regionally specific work for clients and communities. Housed within an industrial studio, UDBS introduces students to all aspects of the architectural profession and project delivery.

Carnegie Mellon University

OFFICE OF ADMISSION
CARNEGIE MELLON UNIVERSITY
5000 FORBES AVENUE
PITTSBURGH PA 15213-3890

T: 412.268.2082
F: 412.268.7838
E: admission@andrew.cmu.edu

-  CarnegieMellonAdmission
-  CM_Admission
-  carnegiemellonadmission
-  Carnegie Mellon Office of Admission

Choose your program
Change the world

cmu.edu/admission