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 a world-class architecture education that 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.

GRADUATED CLASS – SPRING 2018

45 GRADUATED CLASS

Architecture Admitted Student Averages

SAT-ERW*	SAT-M*	ACTE	ACTM	ACTC
670-720	710-790	33	31	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

> Drawing I & II

> Digital Media I & II

> Architecture & the Arts

> Interpretation and Argument

> Computing@Carnegie Mellon

> University Elective

FACULTY

60+ FACULTY
available to all undergraduate students

Notable Faculty

> **Steve Lee** (professor and head) was listed among DesignIntelligence's **25 Most Admired Educators of 2018**.

> **Joshua Bard** and **Dana Cupkova** (assistant professors) are **leading the Manufacturing Futures Initiative**, researching additive manufacturing techniques for high-performance building components.

> **Professor Stefan Gruber** and his team of MUD students were **awarded a grant from the Graham Foundation** for the exhibition "An Atlas of Commoning," which opened in Berlin in summer 2018.

> Faculty **Stephen Quick** and **Kristen Kurland** worked with graduate students and faculty from the SoA and Entertainment Technology Center at CMU to develop a visualization tool for urban planners using technology found in video games.

PROGRAMS

Bachelor of Architecture (B.Arch)
5-year, NAAB-accredited professional degree program*

B.A. in Architecture
4-year studio-based degree program

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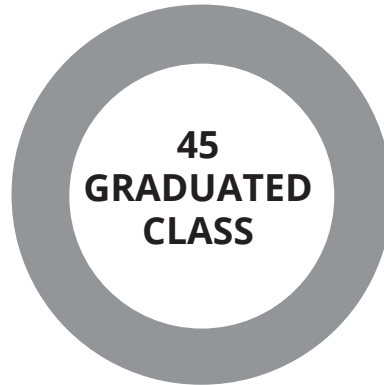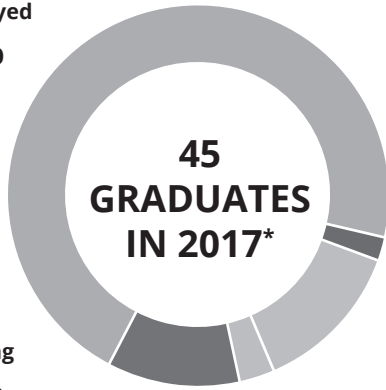Building Science

Concentration:
Integrative Design, Arts and Technology (IDeATe)

Accelerated Master Program (AMP) Options
Interested students can choose from up to six different accelerated master's programs.

* The B.Arch program was ranked #11 nationwide by DesignIntelligence in 2018

Carnegie Mellon University

GRADUATE SUCCESS

Employed
71%

Not Reported
2%

45 GRADUATES IN 2017*

Grad School
13%

Plans Pending
11%

Other/ Military
3%

*Percentages recorded as of January 2018

Notable Employers

> Ae7
> AECOM
> Autodesk
> Bohlin, Cywinski, Jackson (BCJ)
> BLT Architects
> Cannon Design
> Google
> Gensler

> IKM Architects
> Kohn Pederson Fox (KPF)
> SHoP Architects
> Skidmore, Owings & Merill, Inc.
> Snøhetta

Notable Alumni

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

Roger Fortune (A 1987)
VP, The Stahl Organization, Brooklyn

Matt Ho (A 2014)
Associate Project Manager, Walt Disney Imagineering

Andrea Love, AIA, LEED Fellow (A 2002)
Principal/Director of Building Science, Payette, Boston

Dutch MacDonald (A 1991)
Digital Director, MAYA Design, Pittsburgh

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

Lauren Schmidt, AIA, LEED AP (A 2004)
Director, Kohn Pederson Fox (KPF), NYC

Stephen Wierzbowski, FAIA (A 1975)
CMU National Alumni Association Board, Chicago Area Alumni Association Board

INNOVATIVE PROJECTS

Plaster ReCast App (2017)
Plaster ReCast, an augmented reality app developed by professors Francesca Torello and Joshua Bard with students from CMU's Entertainment Technology Center, enriches the visitor experience at the CMoA's Hall of Architecture.

Reality Computing Studio (2017)
Professor John Folan's Reality Computing studio brings the designs of the UDBS prototype house to life through virtual and augmented reality to communicate with residents and neighborhood stakeholders.

Smart Documentation Tools (2018)
Professor Daragh Byrne and Samantha Weaver (A 1991, SCS 2018) received a grant from the National Science Foundation to research tech-enhanced learning in conjunction with the Human-Computer Interaction Institute at Carnegie Mellon University.

DID YOU KNOW?

1. Every first-year 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 3D 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.** The groundbreaking Spring 2017 Lecture Series showcased all female architects, unprecedented in architecture schools both domestically and internationally. The lecture series explores the current state of the profession and challenges the divergent potentials of where architecture can go.

3. Amy Rosen's election as the **2018-19 AIAS National President** continues CMU's three-decade-long legacy of national leadership in the American Institute of Architecture Students (AIAS). The student-run chapter has gone on to become highly decorated at the national level.

4. **The Urban Design Build Studio** (UDBS) is a collaborative of students, professors and allied professionals who work with community residents on implementation of appropriate, affordable, replicable design solutions. PROJECT RE_, a partnership between the UDBS, Trade Institute of Pittsburgh and Construction Junction, is a collaborative space to reuse materials, rebuild communities and restore lives.

Choose your program
Change the world

cmu.edu/admission

October 2018