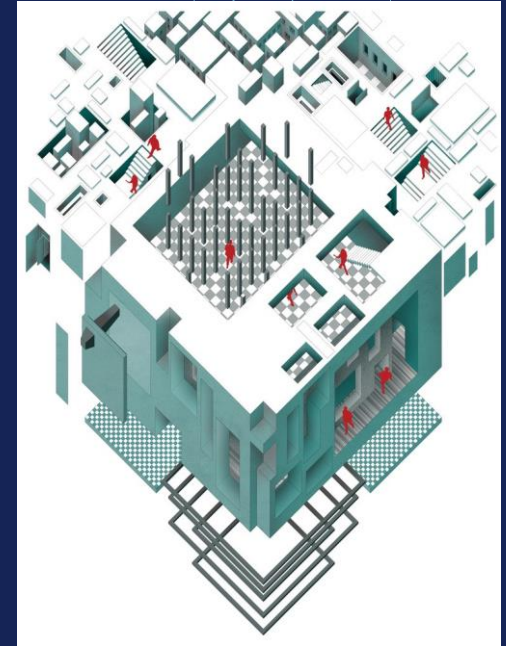


Master of Architecture & Master of Science in Architecture

Graduate Architecture Programs

College of Architecture &
The Built Environment



Welcome!

This is an introduction to the Graduate Architecture Programs at Thomas Jefferson University in Philadelphia

In this presentation we will review:

- A Program Description
- The Plan of Study
- Graduate Programs
- Outcomes
- Facilities & Career Services
- Professional Associations
- Samples of Student Work
- Success Stories





Please email us with any questions or requests as these are exciting times

David Kratzer, AIA

DIRECTOR, ARCHITECTURE PROGRAMS

Associate Professor

The RHJ Associates P.C. Term Chair for Architecture



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ASSISTANT DIRECTOR, MARCH PROGRAM



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Jefferson East Falls Campus in Philadelphia

Locational Advantage

- Green campus, close to Center City and many amazing communities
- Strong relationships with the community and local industry partners
- Philadelphia is our living urban lab



College of Architecture & The Built Environment

8 Grad, 5 Undergrad & 2 On-Line Programs

- Balance between theory and practice, design excellence and making
- Unique combination of disciplines = interdisciplinary collaboration
- Preparing future leaders in their fields
- Core Values
 - Sustainability**
 - Social Equity**
 - Design Excellence**



College of Architecture & The Built Environment

Nexus Learning: A Core Teaching Value

- Active, Collaborative
- Real-World Learning
- Infused with the Liberal Arts / Hallmarks

Emphasis on Developing

Curiosity and Confidence

Empathy and Collaboration

Initiative and Ethical Reflection

Contextual Understanding/Global View



College of Architecture & The Built Environment

In Good Hands

Highly accomplished faculty

- Award winning teachers, researchers, and practitioners
- High number of licensed professionals
- Balance between full-time and part-time instructors



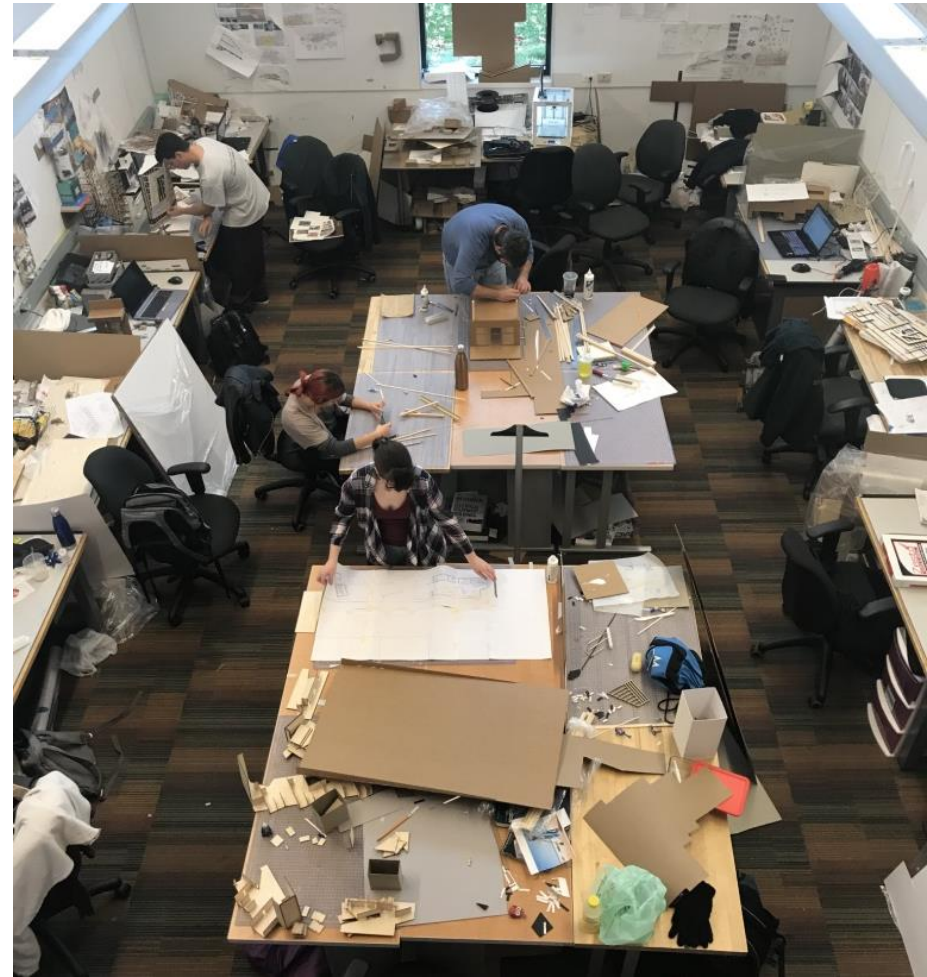
Faculty Research

- Smart and Healthy Cities (E. Stach, K. Ku)
- High Performance Buildings , Façade Technology (J. Doerfler, E. Stach, M. Gindlesparger)
- Air Quality + Breathing Wall Systems (A. Messinger, M. Gindlesparger)
- Parametric and Computational Design (K. Ku, Loukia Tsafoulia)
- Building Envelopes & Textiles (K. Ku)
- Lighting Design (L. Baumbach, D. Kratzer)
- Humanitarian + Public Interest Architecture (C. Harnish, K. Douglas, D. Kratzer)
- Park-in-a-Truck (K. Douglas, M. Tucker)
- Design Informatics (K. Ku)



Lab For Urban and Social Innovation (LUSI)

- Director: Professor Kim Douglas
- Faculty: C. Harnish, D. Kratzer, S. Frosten, M. Tucker
- Research and design
- Community engagement with human-centered design methodology
- Partnership with Philadelphia Collaborative for Health Equity
- Park-in-a-Truck Program



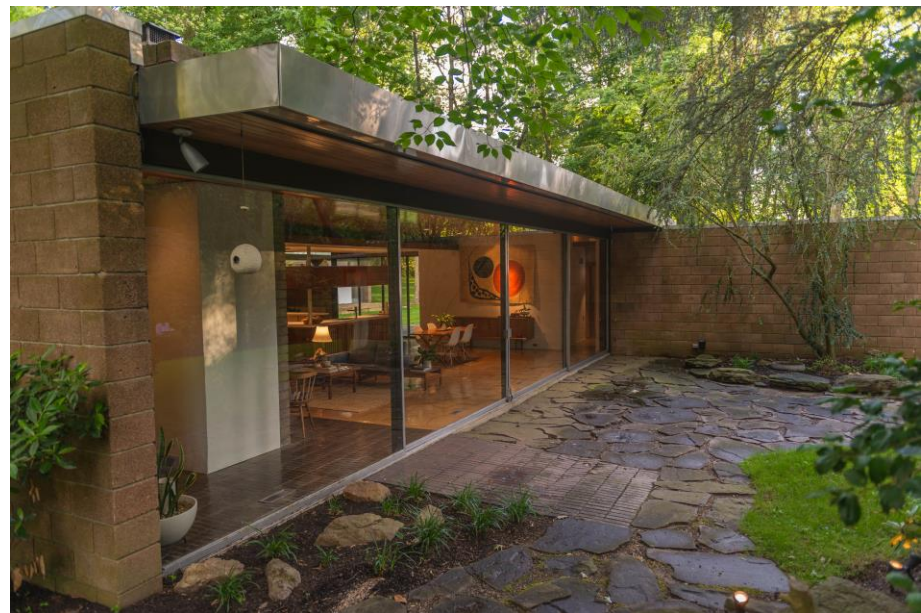
Malawi Center for Health & Design

- Director: Professor Chris Harnish
- Design-Build
- Malumu Hospital in Blantyre / Masterplan and Buildings
- KZH Hospital collaboration in Lilongwe
- Collaboration with Sydney Kimmel Medical College



Center for the Preservation of Modernism

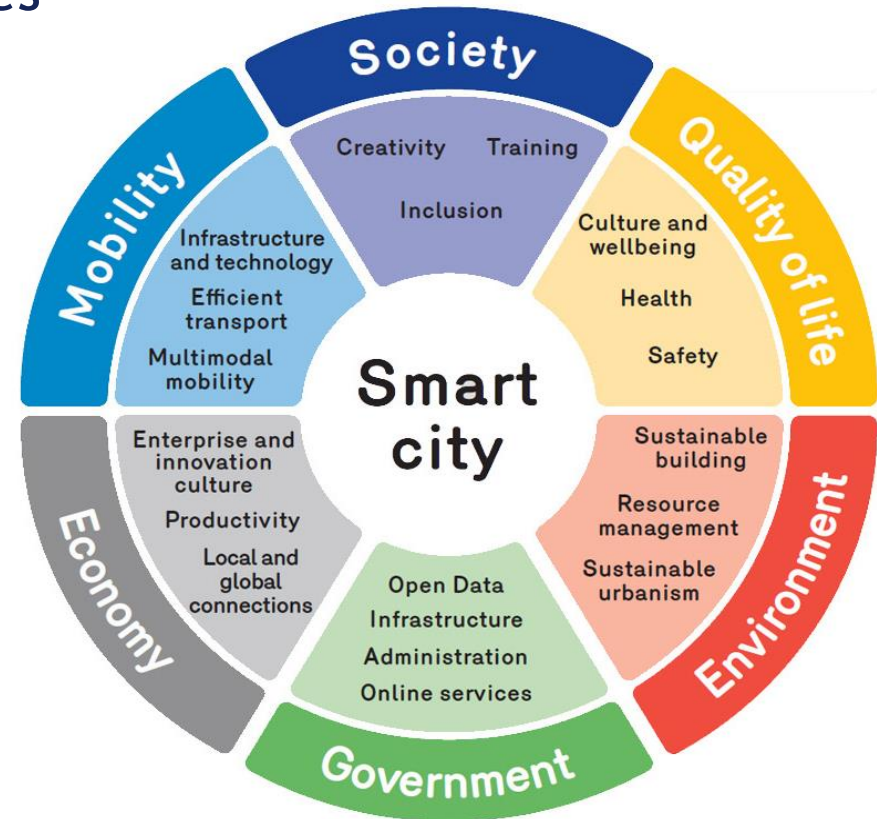
- Director: Professor Suzanne Singletary, PhD
- Research, Archive, Symposia, Publications
- Hassrick House, Richard Neutra
- Collaboration with DOCOMOMO US, Preservation Alliance, Terragni Archive



Hassrick House, Richard Neutra, 1957,
Philadelphia

Institute for Smart & Healthy Cities

- Co-Lead: Edgar Stach, PhD
Barbara Klinkhammer, Dean
- Transdisciplinary Research and Design to advance the development of the urban environment into smart and healthy cities
- Research opportunities for graduate students
- Collaboration with multiple non-profit organizations and industry partners



Two TJU Architecture Graduate Programs

Master of Architecture Program

- A two track 2/3.5 year professional graduate degree program for students interested in becoming professionally licensed architects

Master of Science in Architecture

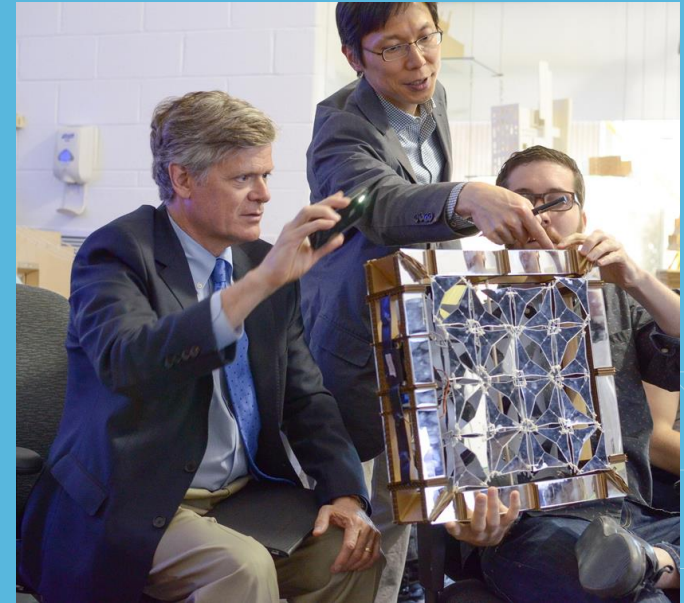
- A 1.5 to 2 year degree graduate program for students seeking an architectural research specialization that does not require licensure
- No GRE is required for application to either program



Master of Architecture Program

2 Tracks for students interested in becoming professionally licensed Architects

- The 3.5 year track is for students without an architecturally related bachelor degree
- The 2 year track is for students with a pre-professional bachelor degree in architecture or international 5 year degree
- The MArch is a NAAB accredited degree program -degree is required to be eligible for licensure (National Architectural Accrediting Board)



Master of Architecture Program

Advanced Standing Determination

- Upon application, a prospective student's previous degree coursework is reviewed and advanced standing determined
- Courses completed as part of other degrees which meet the requirements of the MArch courses will be waived
- An Academic Study Plan with anticipated courses and schedule is generated at time of deposit

CURRICULAR SEQUENCE	SUMMER	YEAR 1		YEAR 2		YEAR 3		
DESIGN + REPRESENTATION	ARCH-601 INTRO TO DESIGN 3CR	ARCH-611 DESIGN 1 Urban Context 6CR	ARCH-612 DESIGN 2 Natural Context 6CR	ARCH-613 DESIGN 3 Sustainable Operations 4CR	ARCH-614 DESIGN 4 Tectonic Studio 6CR	ARCH-615 DESIGN 5 Comprehensive Studio 6CR	ARCH-616 DESIGN 6 Thesis Project 6CR	
	ARCH-602 INTRO TO VISUALIZATION 3CR	ARCH-622 VIS 1 RHINO + AUTOCAD 3CR			ARCH-624 VIS 2 ADVANCED MODELING 3CR			
HISTORY + THEORY RESEARCH		ARCH-628 HISTORY 1 ANCIENT TO MEDIEVAL 3CR	ARCH-632 HISTORY 2 RENAISSANCE-BAROQUE 3CR	ARCH-633 HISTORY 3 EARLY MODERN 3CR	ARCH-634 HISTORY 4 CONTEMP 3CR	ARCH-638 RESEARCH METHODS 3CR		
SUSTAINABLE DESIGN				SDN-601 PRINC. & METHO. SUST. DESIGN				3+ 2
TECHNOLOGY, STRUCTURES + PROFESSIONAL MANAGEMENT			ARCH-651 STRUCTURES 1 LINEAR FORCES 3CR	ARCH-652 STRUCTURES 2 COLS/BEAMS 3CR			ARCH-661 PROFESSIONAL MANAGEMENT 3CR	
		ARCH-641 TECH 1 MATERIALS + METHODS 3CR	ARCH-642 TECH 2 PASS SYS + BLDG ENV 3CR	ARCH-643 TECH 3 DYNAMIC SYSTEMS 3CR	ARCH-644 TECH 4 APPLIED SYSTEMS 3CR	ARCH-645 TECH 5 REVIT + CDS 3CR		
ELECTIVES	ELECTIVE 12 CR CONCENTRATIONS/ SPECIALIZATIONS SND - Sustainable Design RED - Real Estate Development GEO - GeoDesign CM - Construction Management HP - Historic Preservation HPB - High Performance Building				ELECTIVE 3CR	ELECTIVE 3CR	ELECTIVE 3CR	
							ELECTIVE 3CR	
TOTAL	6	15	15	16	18	15	15	49-100
49 Credits minimum for students with advanced standing								

Master of Architecture Studio Sequence

The core of our program is the Design & Visualization Studio

- The Design Studios Conclude with a Thesis/ Capstone Project on student's interest
- Design 3 is Collaboration with Sustainable Design & Interior Architecture grad students
- The Vis Studios start with hand drawing and end with 3-D modeling/ digital fabrication

CURRICULAR SEQUENCE	SUMMER	YEAR 1		YEAR 2		YEAR 3					
DESIGN + REPRESENTATION	ARCH-601 INTRO TO DESIGN 3CR	ARCH-611 DESIGN 1 Urban Context 6CR	ARCH-612 DESIGN 2 Natural Context 6CR	ARCH-613 DESIGN 3 Sustainable Operations 4CR	ARCH-614 DESIGN 4 Tectonic Studio 6CR	ARCH-615 DESIGN 5 Comprehensive Studio 6CR	ARCH-616 DESIGN 6 Thesis Project 6CR				
	ARCH-602 INTRO TO VISUALIZATION 3CR	ARCH-622 VIS 1 RHINO + AUTOCAD 3CR			ARCH-624 VIS 2 ADVANCED MODELING 3CR						
CREATE WHAT'S NEXT											

Master of Architecture History Theory Sequence

The History Theory sequence sets up a strong cultural & sustainable foundation

- These courses set a context for understanding architecture & our study abroad programs
- The Research Methods class focuses on graduate level research for the Thesis Project

CURRICULAR SEQUENCE	SUMMER	YEAR 1		YEAR 2		YEAR 3				
HISTORY + THEORY RESEARCH		ARCH-629 HISTORY 1 ANCIENT TO MEDIEVAL 3CR	ARCH-632 HISTORY 2 RENAISSANCE-BAROQUE 3CR	ARCH-633 HISTORY 3 EARLY MODERN 3CR	ARCH-634 HISTORY 4 CONTEMP 3CR	ARCH-630 RESEARCH METHODS 3CR				
SUSTAINABLE DESIGN				SDN-601 PRINC. & METHO. SUST. DESIGN 3CR						

Master of Architecture Technology Sequence

A seven course sequence moving from basic materials to building performance

- Technology is considered “a means for making” though hand and computer work
- Advanced computer software is used to study building energy & material performance

CURRICULAR SEQUENCE	SUMMER	YEAR 1	YEAR 2	YEAR 3						
TECHNOLOGY, STRUCTURES + PROFESSIONAL MANAGEMENT			ARCH-651 STRUCTURES 1 LINEAR FORCES 3CR	ARCH-652 STRUCTURES 2 COLS/BEAMS 3CR			ARCH-661 PROFESSIONAL MANAGEMENT 3CR			
		ARCH-641 TECH 1 MATERIALS + METHODS 3CR	ARCH-642 TECH 2 PASS SYS + BLDG ENV 3CR	ARCH-643 TECH 3 DYNAMIC SYSTEMS 3CR	ARCH-644 TECH 4 APPLIED SYSTEMS 3CR	ARCH-645 TECH 5 REVIT + CDS 3CR				

Master of Architecture Elective/ Certificate Sequence

The elective sequence sets up focused Certificates & areas to explore

- In the last three semesters, students use electives to widen personal education
- Ideally, students use the electives to enrich the Thesis/ Capstone project
- Students can complete professional internship for credit

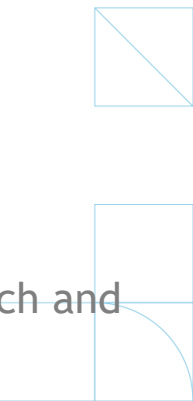
CURRICULAR SEQUENCE	SUMMER	YEAR 1	YEAR 2	YEAR 3		
ELECTIVES	ELECTIVE 12 CR CONCENTRATIONS/ SPECIALIZATIONS SND - Sustainable Design RED - Real Estate Development GEO - GeoDesign CM - Construction Management HP - Historic Preservation HPB - High Performance Building IARCH - Interior Architecture			ELECTIVE 3CR	ELECTIVE 3CR	ELECTIVE 3CR
						ELECTIVE 3CR
CREATE WHAT'S NEXT						

Master of Science in Architecture

A Research/ Specialization Degree

- Program offers students the platform to shape an education that furthers their architectural experience to develop advanced knowledge and expertise in areas of personal interest and specialization.
- Students can take advantage of numerous institutes including Smart & Healthy Cities, Center for the Preservation of Modernism & The Lab for Urban & Social Innovation
-
- Led by CAFE faculty, students shape a thesis/ directed research project
- Students can work directly with renowned and research active faculty on their specific research areas such as
 - Future Smart Cities
 - Responsive Architecture
 - Environmental Sustainability & Design
 - Informal Settlements
 - Social Architecture
 - Health & Wellness
 - High Performance Buildings
 - Façade Technology

This work leads to published research and professional collaborations



Master of Science in Architecture

- Students initially complete of a trio of foundation courses:
 - Sustainability Design Studio
 - Principles of Sustainable Design
 - Research Methods
- Students then build a suite of electives from across the College & University to build a graduate level research collaborative foundation for a thesis/ directed research project led by CABE faculty

Master of Science in Architecture Academic Plan

Jefferson | College of Architecture and the Built Environment

Student	ID	Plan	Number One	Date	8.24.2019
Plan By	Kratzer			Updated	

Full Time = 6 credits minimum for full-time status and financial aid
Associated = Courses that are taken together in same semester
**Electives* = Can be taken at any time and over summer if offered but must be Jefferson Courses.

FALL 2019	(10 Credits)		
SDN 622	SUSTAINABLE DESIGN STUDIO	4.00	Associated (recommended)
SDN 601	PRINC & METHODS OF SUST. DSGN	3.00	Associated (recommended)
ARCH 630	RESEARCH METHODS	3.00	

SPRING 2020	(9 Credits)		
ELECTIVE	ELECTIVE	3.00*	See Options Below
ELECTIVE	ELECTIVE	3.00*	See Options Below
ELECTIVE	ELECTIVE	3.00*	See Options Below

SUMMER 2020

It is possible to take classes in Summer to shorten your schedule.

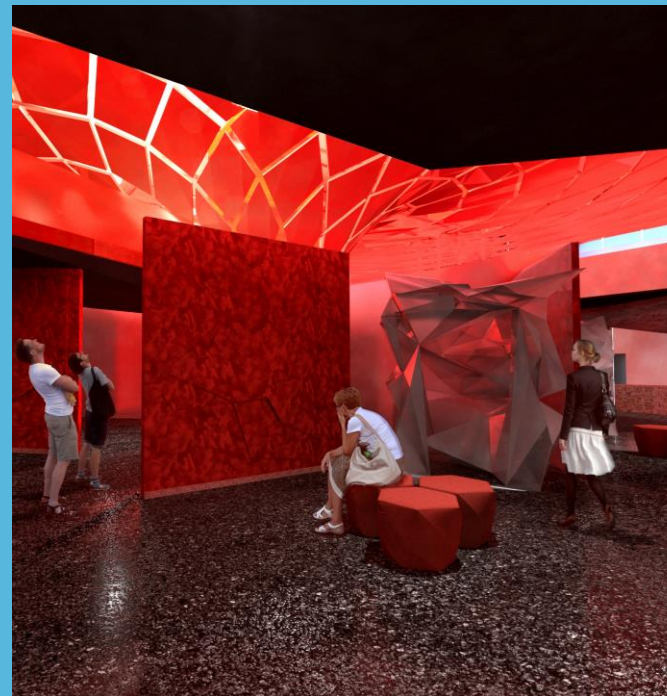
FALL 2020	(6 Credits)		
ARCH-901:	GRADUATE THESIS PROJECT I	3.00	Required
ELECTIVE	ELECTIVE	3.00*	See Options Below

SPRING 2021	(6 Credits)		
ARCH-901:	GRADUATE THESIS PROJECT I	3.00	Required
ARCH-902:	GRADUATE THESIS PROJECT II	3.00	Required

Total Program Credits:	31 credits
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Master of Architecture & Master of Science in Architecture Scholarships and Assistantships

- All students are automatically considered for Dean's Scholarships based on GPA and academic experience
- Graduate Assistantships are competitive and grant partial tuition waiver. Application Deadline: March 1
- Research and Teaching Assistantships are hourly paid positions for students with experience in portions of the curriculum and/or areas of faculty research. Application Deadlines: May 15 for Fall & Oct 1 for Spring Semesters



Master of Architecture & Master of Science in Architecture STEM Designation

- MArch & MS Arch are science, technology, engineering and mathematics (STEM) designated programs
- This allows international students to be eligible for an extension of the Optional Practical Training (OPT) period for up to 36 months.
- OPT is a type of work authorization for F-1 student visa holders that provides an opportunity for employment in the United States (US).



College of Architecture & Built Environment

Potential Research Collaboration Areas

Historic Preservation

Photography

Interior Design

Landscape Design or Planning

Sustainable Design

Construction Management

GIS/ GeoDesign

Business

Real Estate Development



College of Architecture & Built Environment Elective Inter-College Options & Research Collaboration Opportunities

Austin Dimare '18

2017 College of Architecture and the Built Environment graduates post a 100% job and graduate school placement rate.

Austin Dimare '18

ARCHITECTURE (March)

The Master of Architecture, a STEM-designated program, is a first professional degree geared towards a non-design major or with a pre-professional undergraduate degree in the architecture and design fields. With studios at the heart of the program, students explore today's most creative design approaches using cutting-edge technologies to address the challenges of the contemporary built environment.

ARCHITECTURE (MS)

The Master of Science in Architecture is an advanced post-professional, research-based, STEM-designated degree for students with a professional degree in architecture, engineering or allied discipline. Students in this program have the opportunity to focus their studies on a specific area of architecture and directly apply their research to their current work or to fit their career path. This program provides its graduates with an additional credential that enables them to pursue research and entrepreneurial practices, careers in academia, or expand the knowledge of the profession. Featured concentrations include Façade Design Technology and High Performance Building.

CONSTRUCTION MANAGEMENT (MS)

Students learn advanced real-world problem-solving techniques from a faculty of experienced industry professionals. This program develops a keen understanding of construction technology, business, architecture and engineering, using this knowledge to manage construction processes on time and within budget, from project inception through completion. Construction Management is a STEM-designated program with online, on-campus and certificate options. Accelerated Dual Degree (1+1) options are available in combination with Sustainable Design or Real Estate Development.

Christopher Henszlik '18 & Toni Fabrizio '18

Maura Turlop '18

GEOSPATIAL TECHNOLOGY FOR QCODESIGN (MS)

This program leverages advanced geospatial technology, or GIS, in identifying and finding innovative solutions to urban design and urban planning problems. Emphasizing GIS-based tools, 3D parametric design and modeling, sustainable design approaches, collaboration and innovation within an integrated process, this STEM-designated graduate program is intended to empower students to find resilient solutions to 21st-century urban challenges resulting from population growth, decreasing resources, natural disasters, and climate change.

HISTORIC PRESERVATION (MS)

"The greenest building is the one already built." Our graduates preserve, re-envision, and re-purpose historic buildings as catalysts for healthy communities and a sustainable future. Students specialize in either preservation design or research and documentation, study the preservation of modern architecture at the iconic Bauhaus Building in Germany, contribute research at the Center for the Preservation of Modernism at Jefferson, and benefit from the wide range of historic styles in Philadelphia, America's first World Heritage City.

Monica Tibet '18

Matthew Zepp '18

INTERIOR ARCHITECTURE (MS)

The MS in Interior Architecture program offers multiple tracks, meeting the needs of students with non-design backgrounds as well as those with interior design and architecture backgrounds who are looking to advance in their field. Interior architecture encompasses the entire interior environment and students learn to design with a focus on the human experience, environmental sustainability, and collaborative professional practices. The seamless integration of design excellence and technology is a highlight of the program.

REAL ESTATE DEVELOPMENT (MS)

Learn real estate development from the quadruple bottom line perspective—equitable, profitable, sustainable and creative placemaking. Industry practitioners prepare students to be leaders for the 21st century by addressing issues of gentrification, walkability, and market transformation. Accelerated Dual Degree (1+1) option in combination with Construction Management and certificate options are available.

Arthur Lorie '18, Den Bachelder '18 & Alex Ashgac '18

Hunter Faddis & Rosie Seg '18

SUSTAINABLE DESIGN (MS)

Developed by top sustainability practitioners and experts, this award-winning program fuses design, engineering and industry, emphasizing market-driven innovation to help you become a leader in global sustainability. Sustainable Design is a STEM-designated program. Online, on-campus and certificate options available. Accelerated Dual Degree (1+1) option in combination with Construction Management is available.

Sustainable integrated design skills are in demand due to rising energy costs and increased concerns about the environment.

College of Architecture & Built Environment

Graduate Program Research Collaboration Opportunities

Master of Architecture
MS in Architecture
MS in Construction Management
MS in GeoDesign
MS in Historic Preservation
MS in Interior Architecture
MS in Real Estate Development
MS in Sustainable Design



College of Architecture & Built Environment

Study Abroad

Semester-long Programs

UARC Rome

DIS Copenhagen

IE Univ. Segovia

Bauhaus Germany

Nexus Abroad Summer Programs

Central Europe, Southern Europe, India

Faculty-led Short Courses

South Africa

Czech Republic



OUTCOMES

RETENTION RATE

85%

Retention Rate for CABE in 2018

PLACEMENT RATE

100%

First Destination Report Class of 2019:
Employment and Graduate School
Success Rate for CABE

DISTINCTIONS

1 Fulbright Teaching Scholar:
Professor Chris Harnish

FIVE TIME WINNER of John
Stewardson Fellowship
Competition

AWARDS

- 1st Prize in 2020, 2018, 2017, 2016, 2014 of John Stewardson Fellowship Competition (all PA Architecture Programs)
- *Architect Magazine* Studio Prize, 2019 (Malawi Studio)
- 1st Prize: 2014 ACSA International Student Steel Design Competition
- 1st Prize for Office Building: 2019 DOE Race to Zero Solar Decathlon Design Challenge Competition

EMPLOYERS OF JEFFERSON GRADUATES

- | | |
|---------------------|--------------------|
| • Gensler | • Ballinger |
| • HOK | • WRT |
| • Jacobs | • Nelson Worldwide |
| • WRT | • Michael Graves |
| • Stantec | • EwingCole |
| • Kieran Timberlake | • SmithGroup |

JOB TITLE

Architect

OUTLOOK

“Architects plan and design structures, such as private residences, office buildings, theaters, factories, and other structural property.”

“Employment of architects is projected to grow 8 percent from 2018 to 2028, faster than the average for all occupations.”

SALARIES

MAX

\$138,120



MEDIAN

\$79,380



START

\$48,020

Sources: U.S. Bureau of Labor Statistics
<https://www.bls.gov/oes/2018/may/oes171011.htm>



COLLEGE FACILITIES

Fab Labs: Analog and digital fabrication spaces

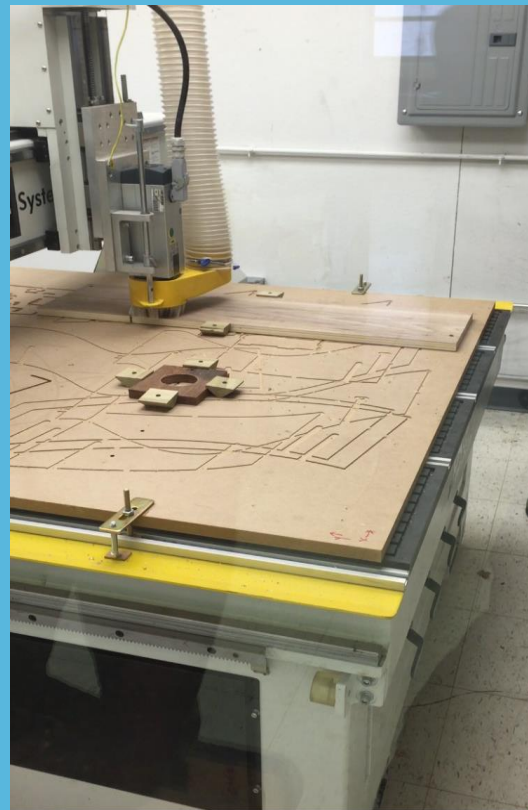
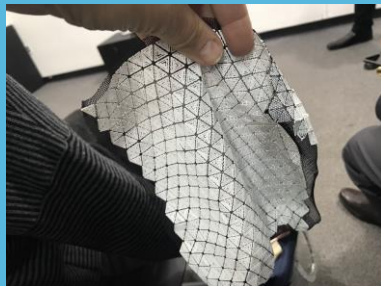
Comprehensive wood-shop

Laser cutters

CNC Router

Over 30 3-D printers in studios

SEE Gallery



COLLEGE FACILITIES

CABE has state of the art studio spaces with individual computer screens, distanced learning labs, computer labs, and active learning classrooms

Mirrors professional work environments



- American Institute of Architects (AIA)
 - National, State and Local Chapters
- Society of American Registered Architects (SARA)
 - National, State and Local Chapters
- National Council of Architectural Registration Boards (NCARB)
 - Association which allows architects to transfer licenses to other states
- U.S. Green Building Council (GBC)
 - LEED Rating Systems



Career Services

- Design Expo
- Portfolio Preparation
- *On-Line* portfolios
- Interview Days
- Professional Internships for Credit

PROFESSIONAL CONNECTIONS



In completion of designs, students are required to consider a full balance of Site, Program, Form, Technology and Sustainability.

Jefferson / CREATE WHAT'S NEXT



Student Work

Inter-disciplinary Design & Research Projects

In our studios, students work collaboratively with students and faculty in other disciplines as they will in the real world.

In this example Richard Jansen and his studio colleagues worked with the Jefferson Health Science program to design a collaboration center exploring natural organic systems.



Jefferson CREATE WHAT'S NEXT

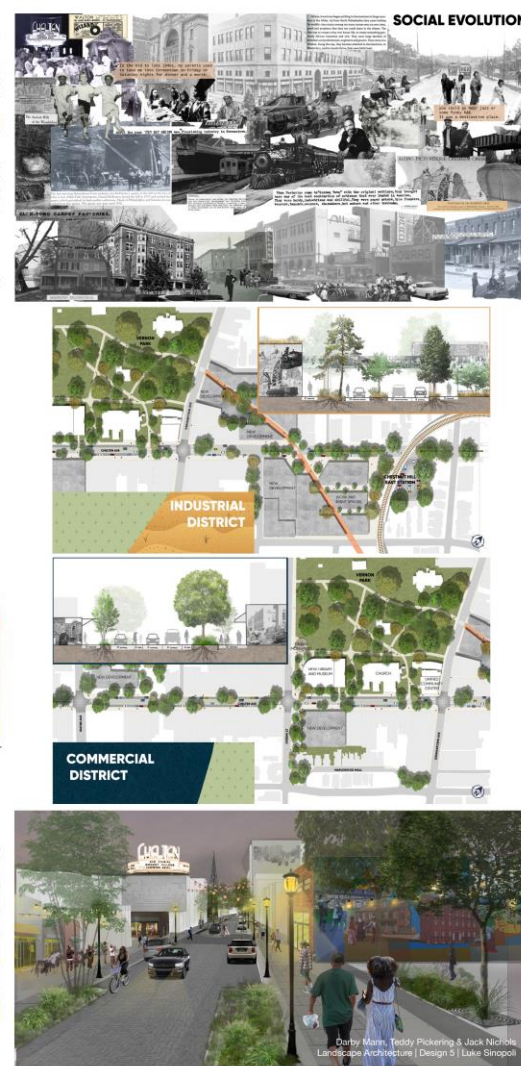
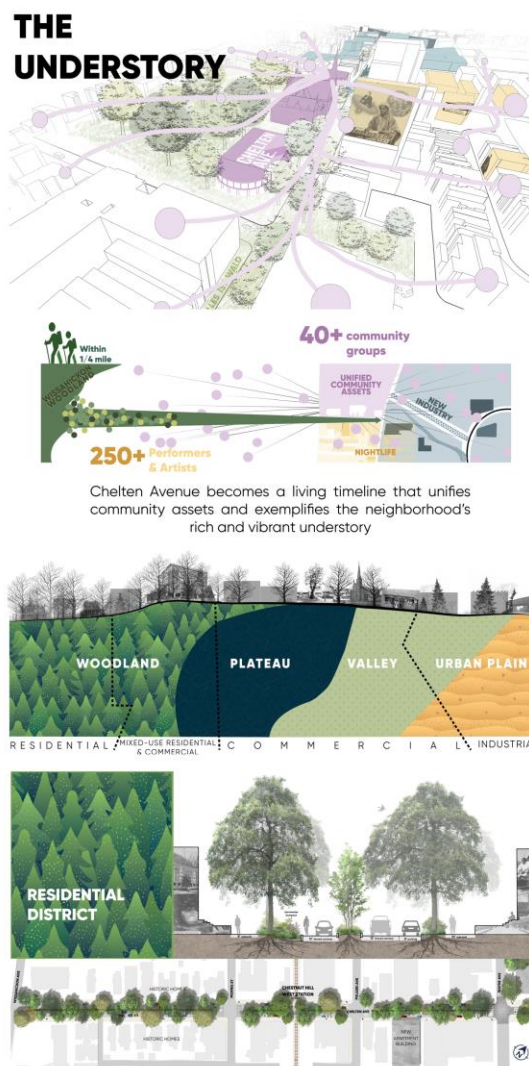


Student Work

Environmental Design & Research Projects

It is extremely important for future architects to utilize research as a fundamental design tool to better our built environment.

In this example, architecture and landscape architecture students joined forces to research the natural and built components of a site. Such research includes literal inventory as well as historiographical development

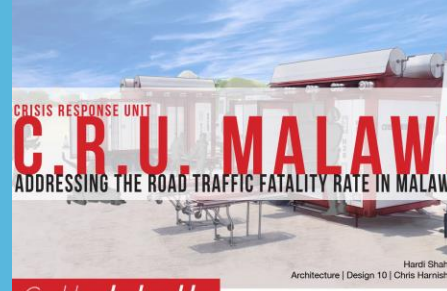


Student Work

Social Sustainability Design & Research Projects

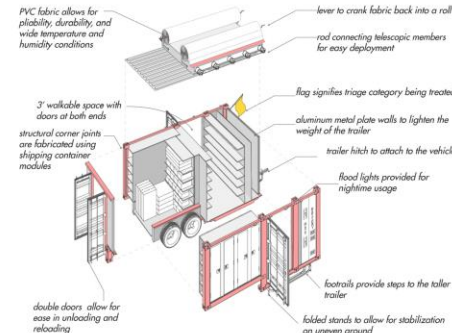
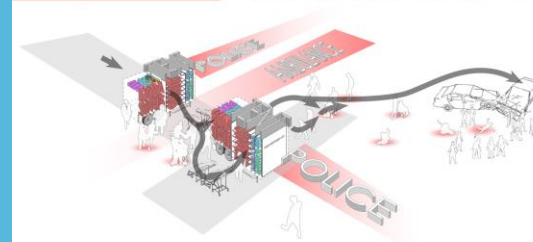
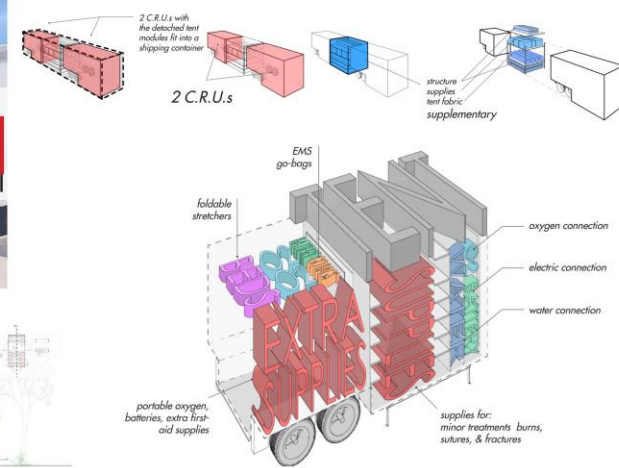
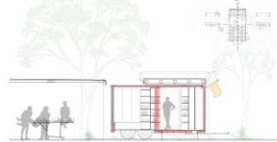
In completion of designs, issues of community, social equity and cultural sustainability are extremely important factors to study and incorporate.

In this example Hardi Shah explored ideas to lower traffic fatality rates in Malawi, Africa.



Could a **deployable, pre-fabricated mobile emergency response unit** help reduce the on-site road traffic accident mortality rate?

SECTION A

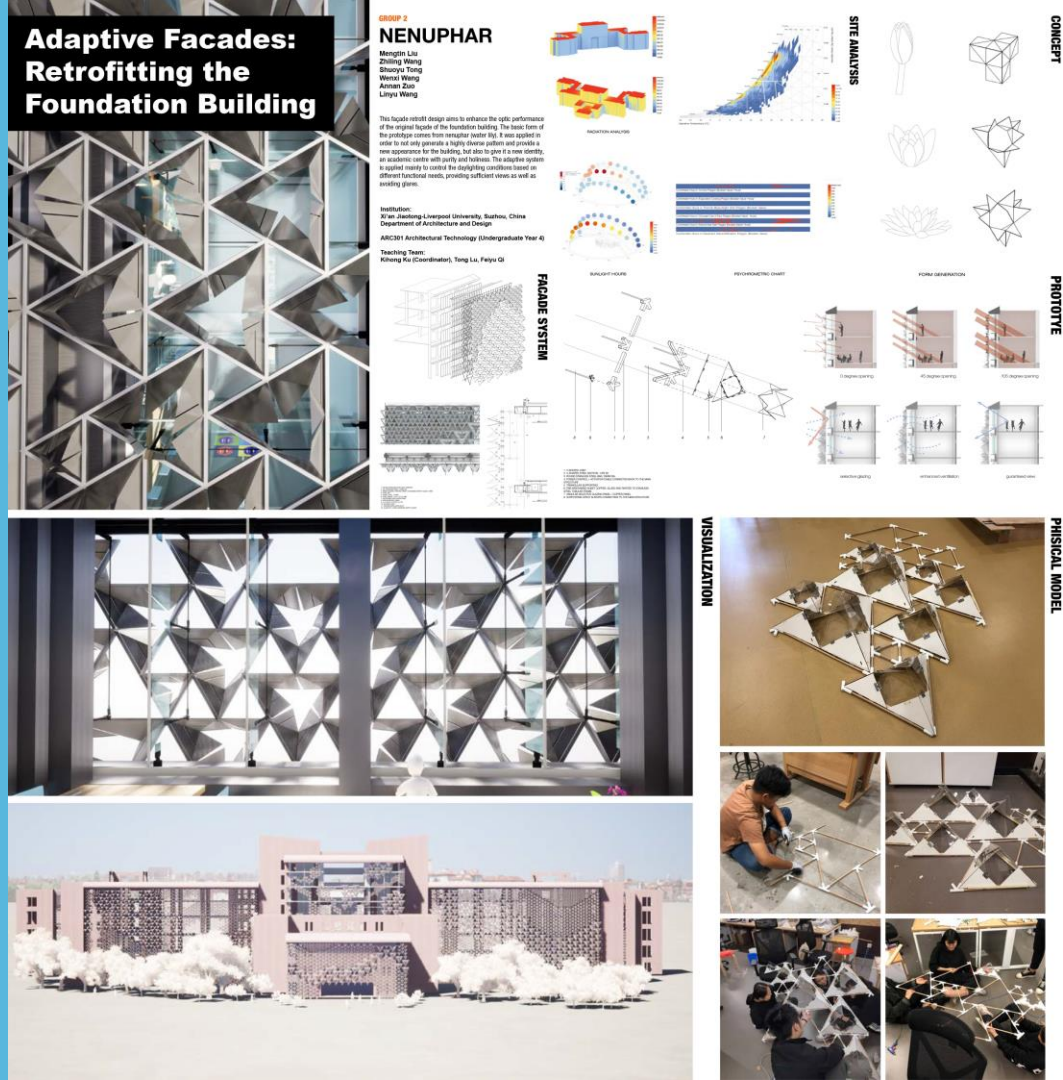


Student Work

Environmental High Performance Design & Research Projects

How well a building operates in concert with our environment is critical

In this example, Kihong Ku studied responsive facades treatments with his students at Xi'an Jiaotong Liverpool University in Suzhou, China while visiting for the 2018-19 academic year.



Student Work

Thesis/ Capstone Design Projects

MARCH Program focuses on supporting students completing a thesis project based on their personal interests

In this example, Vietnamese student Nguyen Ton designed a revitalization of an abandoned NY State power station into an art center

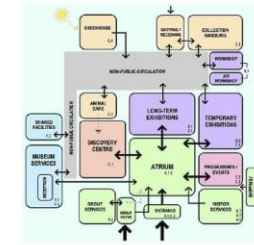
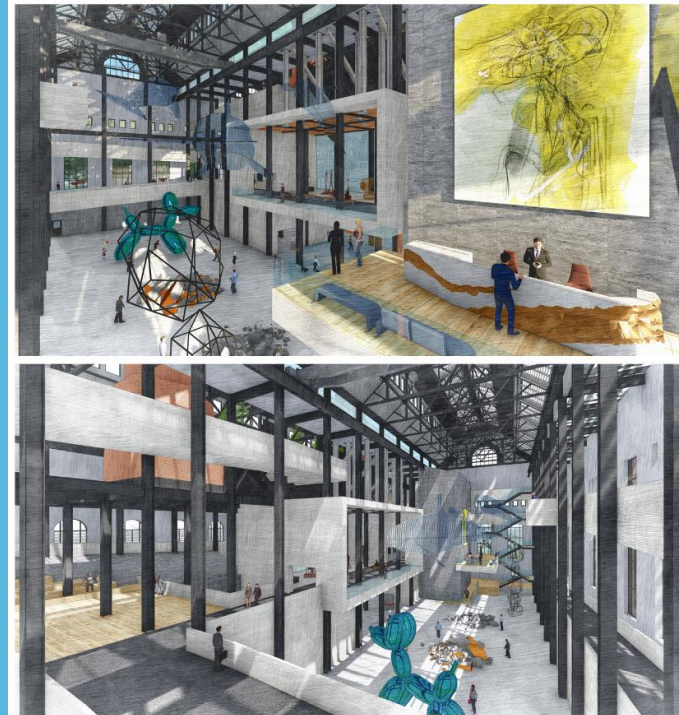


Figure 81. Canadian Museum of Nature – Functional Program
 Source: www.lundholm.ca

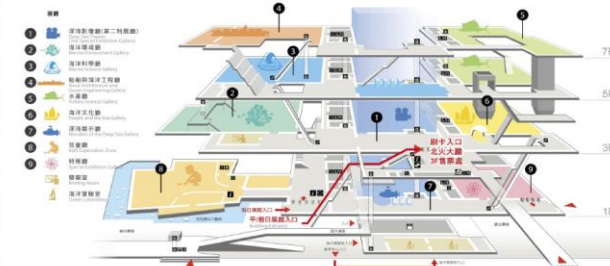


Figure 82. National Museum of Marine Science & Technology, Taiwan
 Source: www.nmst.gov.tw

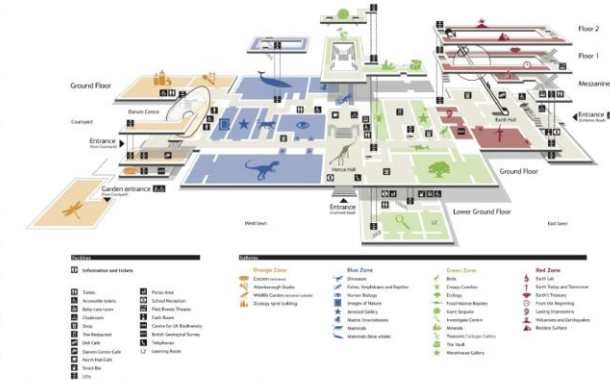


Figure 83. National History Museum, London, UK
 Source: www.nhm.ac.uk

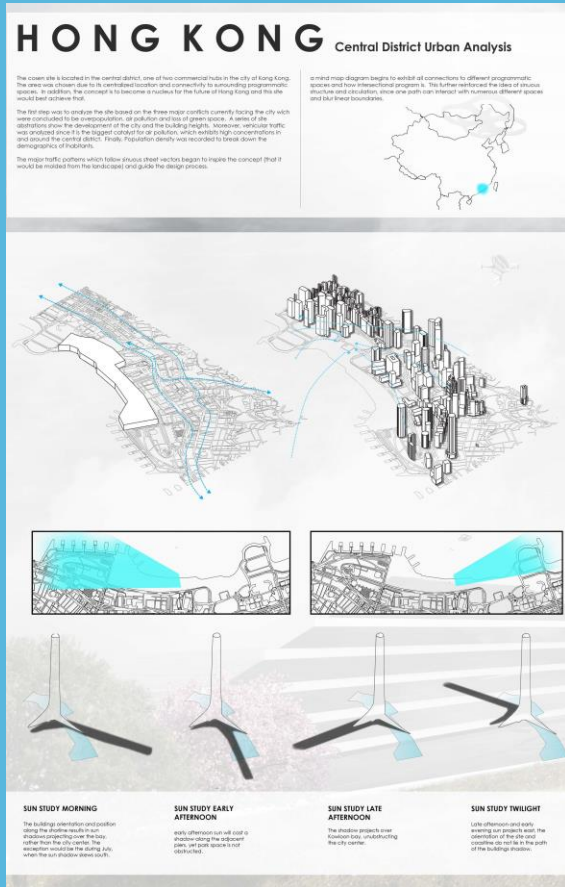
Student Work Research Studios

Research studios focus on such topics as Global Informal Settlements, Smart Future Cities, Responsive Technologies & Environmental Sustainability

In this example, students designed high performance buildings for smart city development in Hong Kong.



Jefferson CREATE WHAT'S NEXT



Hand Drawing Versus Computer Drawing?

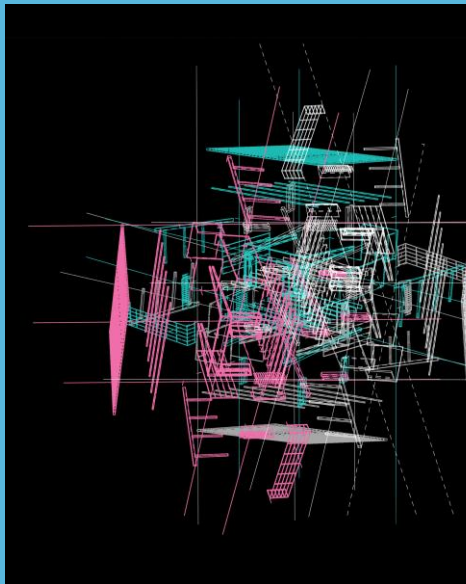
A common question we receive is which type of drawing does our program emphasize? The answer is both. We believe the ability to sketch, hand draw, diagram and build models are fundamental architectural skills just as much as being proficient in digital rendering. Programs we use:

Microsoft Office

Adobe Creative Suite

AutoDesk (AutoCad & Revit)

Rhinoceros

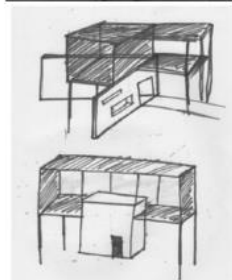
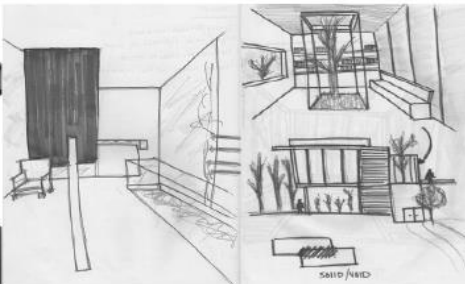
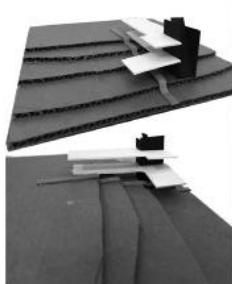
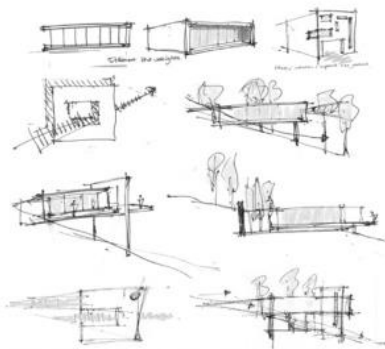


M.ARCH & INTD | Melanie Perkins, Samantha Oriente, Tianyi Xie

“The only other sound’s the sweep of easy wind”
“To watch his woods fill up with snow”

PROJECT PROPOSITION

- Different varieties of line weights
- Warm lighting from within
- Look down on nature floor
- Bring nature in
- Rectilinear
- Hike to location
- Journey; Exploration
- Raised off ground
- Secluded vs Open
- Balanced



Chris Harnish, Associate Professor

Education:

- ▶ MArch, University of Oregon
- ▶ BA, Environmental Studies and English literature, Denison University

Professor Harnish specializes in such humanitarian architecture in Malawi and South Africa, examining the process of design and construction with the goal of positive culture and environmental impact in local communities. In 2016, Professor Harnish was awarded a Fulbright Teaching Scholar Fellowship for his proposal, “Equity, Sustainability and Resilience: Architecture as a Social Force in Humanitarian Development”.



Watch his video:
<https://vimeo.com/361046725>

TJ Burghart 2014 Alumnus

- ▶ MASS Design Group in their Kigali, Rwanda office in Africa.
- ▶ Formerly AmeriCorps Construction Crew Leader at Habitat for Humanity Philadelphia Inc.
- ▶ Education:
 - ▶ BArch Jefferson '14 with Minor in Arch. History/Theory
 - ▶ AIAS Director Freedom by Design
- ▶ *"I view architecture as a tool that has implications beyond its walls through the process. Spaces are where people come together to live. Details and moments of these spaces influence our daily experience and shape who we are. As a recent graduate, I continually seek to understand how we can improve our quality of life".*



Skylar Tibbits 2008 Alumnus

▸ Assistant Professor at MIT

▸ Education:

▸ BArch Jefferson '08

▸ Minor Experimental Computation

▸ MS in Design Computation

▸ MS in Computer Science

▸ *Skylar Tibbits is a co-director and founder of the Self-Assembly Lab housed at MIT's International Design Center. The Self-Assembly Lab focuses on self-assembly and programmable material technologies for novel manufacturing, products and construction processes.*





Jefferson
Thomas Jefferson University