UHM School of Architecture presentation to the UH President and UHM Provost
October 12, 2020
September 2020 ‘suggestions’ by the UHM Post-Pandemic Budget Planning Team

School of Architecture

Context: The School of Architecture has many supporters in the community. This reorg – even though it will preserve the School as a standalone school under the College – will result in concern and resistance among some.

Details
- The College of Engineering currently offers the BS, MS, and PhD degrees in Civil Engineering, Electrical Engineering, and Mechanical Engineering; and BS degrees in Computer Engineering, Construction Engineering, and Engineering Science.
- With the recommended changes, the size of the College will grow considerably.

<table>
<thead>
<tr>
<th>Current Organization*</th>
<th>Proposed Organization*</th>
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<tr>
<td><strong>Programs</strong></td>
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<tr>
<td>Civil Engineering (BS, MS, PhD)</td>
<td>Civil Engineering (BS, MS, PhD)</td>
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<td>Computer Engineering (BS)</td>
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<td>Construction Engineering (BS)</td>
<td>Construction Engineering (BS)</td>
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<td>Electrical Engineering (BS, MS, PhD)</td>
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<td>Engineering Science (BS)</td>
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<tr>
<td>Mechanical Engineering (BS, MS, PhD)</td>
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<td>Renewable Energy &amp; Island Sustainability (Grad Cert)</td>
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<td>Architecture (DArch)</td>
<td>Environmental Design (BEnvD)</td>
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<tr>
<td>Information &amp; Computer Science (BA)</td>
<td>Historic Preservation (Grad Cert)</td>
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<td>Landscape Architecture (MLA)</td>
<td>Information &amp; Computer Science (BA)</td>
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| Undergraduate Enrollment | 1,226 | 1,904 |
| Graduate Enrollment | 151 | 276 |
| Tenure-Track Faculty FTE | 55.33 | 88.25 |

Accreditations: ABET, LAAB, NAAB

*Data as of Fall 201
Existing proposal concerns

• SOA would be greatly reduced in status and autonomy.
• SOA is home to the only accredited professional degree program in the State.
• SOA and CoE can collaborate (and continue to collaborate) without merger.
• SOA would like to engage in a more in-depth and inclusive planning process for the future of the school and other related disciplines.
• Engage stakeholders and the broader community in a process that identifies and analyzes true program needs across disciplines.
• Arrive at a solution that answers long term educational needs for sustainable, resilient, and equitable economic development.
The School of Architecture responds to our unique location in the Asia-Pacific region and recognizes the privilege and responsibility to address cultural, environmental, and social diversity. We commit to passionate and engaging community participation through teaching, learning, research, professional practice, and service.
“An architect has to be a bit of a sociologist, lawyer, and psychologist. He has to know human nature.”

-Vladamir Ossipoff
Shanghai Food Bridge is selected as an honorable mention for its urban city wide approach. Through sophisticated renderings, the students showed a clear vision on adaptability.

-ACSA Juror Comments
School of Architecture Degree Programs

Bachelor of Environmental Design

Doctor of Architecture Global Track

Master of Landscape Architecture

Proposed Master of Architecture

University of Hawai'i Community Design Center (UHCDC)

Environmental Research and Design Lab (ERDL)

Digital Media & Information Technology Laboratory (IT Lab)

3D Fabrication Lab (3D Fab Lab)
Future of Hawaii’s Housing, University of Hawaii’s Community Design Center
Principal Investigators Brian Strawn AIA and Karla Sierralta AIA
O‘ahu Ahupua’a: Connecting Land, Water and People.

Design Healthy Places Competition hosted by ACSA
Winner: Khoa Nguyen and Valènè Nica Ribao
ENVIRONMENT

Albizia Project
Joey Valenti, DArch graduate in continuation of his DArch dissertation
Advisor: Judith Stilgenbauer
Colleges in U.S. Institutions with NAAB accredited degree programs

Of the 7 programs housed inside of colleges with engineering, 100% include “Architecture” in the name of the college.

1. Tuskegee College
   College of Engineering, Architecture and Physical Sciences
2. University of Hartford
   College of Engineering, Technology, and Architecture
3. Howard University
   College of Engineering, Architecture, and Computer Science
4. Kennesaw State University
   College of Architecture, Civil Engineering Technology and Construction
5. North Dakota State University
   College of Engineering and Architecture
6. Oklahoma State University
   College of Engineering, Architecture and Technology
7. Washington State University
   Voiland College of Engineering and Architecture
Professional Architecture Community Response

“To put Architecture back into Engineering would be a retrograde move programmatically.”
-Raymond Yeh, FAIA, Professor Emeritus and Former Dean

“While architecture and engineering are complementary, the former has an undeniably creative and artistic aspect that I fear will be overshadowed by a technical focus in the event of a merger, severely stunting the design capabilities of future students which is essential to their daily work as Architects.”
-Hian-Ka Tjen, Senior Advisor to the Singapore Government, UH Alumni and Major Donor
Architects are essential in crafting and creating the built environment. The Hawaii Architectural Foundation (HAF) supports the School of Architecture as the only accredited Architectural program in the state. As a conduit for future architects to the many local architectural firms, HAF supports any movement that strengthens the independent teaching ability of the School of Architecture and their ability to remain an accredited program.
Professional Landscape Architecture Community Response

“... Should such analysis and empirical evidence demonstrate that an alliance with another unit on campus is beneficial or necessary for budgetary reasons, from our professional point of view, an engineering college is neither a customary nor appropriate fit for design/creative-focused programs such as landscape architecture, architecture, and environmental design.

... From our disciplinary perspective, we encourage even closer collaboration between SOA and the Department of Urban and Regional Planning and possibly also the arts.”
SOA Alumni Association Response

“The University of Hawai‘i School of Architecture Alumni Association (UHSAAA) supports the School of Architecture’s stance to maintain its autonomous status within the University of Hawai‘i system. It is our pride and joy to be part of the UH family and to call ourselves alumni from the School of Architecture.”
The School of Architecture is committed to working with all stakeholders to develop solutions to our shared and immediate challenges, including COVID-19 induced budget shortfalls. We also remain committed to developing organizational strategies and program development ideas which will strengthen the School and University over the long term. As we move forward together we propose exploring other reorganization and development ideas which maintain SoA administrative autonomy and enhance and grow our design programs with meaningful and lasting impact for the State of Hawaiʻi.
Reaction of current students

“ If I saw UH’s MLA program was located in the engineering department, even with the program’s current strengths, I would not have applied to UH Manoa.”
- MLA student

“I just feel like SOA should merge with the planning department instead of engineering. Our required classes in undergrad called for more planning classes than engineering.”
- DARCH student
Scenario One: PREFERRED College of Environmental Design (name to be determined)

- Environmental Design
- Architecture
- Landscape Architecture
- Urban Planning
- Art
- Art History
- Historic Preservation
- Design
- Construction management
- Other creative disciplines
- Dual degree options
Scenario Two: School of Architecture, Art and Design within CALL

- Environmental Design
- Architecture
- Landscape Architecture
- Art
- Art History
- Historic Preservation
- Other creative disciplines
- Dual degree options
Penn State University College of Arts and Architecture
Scenario Three: School of Architecture & Planning in College of Social Science

- Environmental Design
- Architecture
- Landscape Architecture
- Urban Planning
- Urban Design
- Dual degree options
- Future Studies
Summary

GOOD DESIGN
VISION
RELEVANCE & IMPACT

MULTI-DISCIPLINARY, INTEGRATED COLLABORATION

School of Architecture Long Range Strategic Planning Document, April 2019

• An autonomous school of Architecture
• Aligning units with comparable values, interests and approaches
• Unifying design disciplines
• Increase visibility, attract students, create new synergies
• Identify efficiencies and growth opportunities
• Inclusive and in-depth planning process