



# SCHOOL OF **Architecture**

## Administration

Architecture 201  
2410 Campus Road  
Honolulu, HI 96822  
Tel: (808) 956-7225  
Fax: (808) 956-7778

Dean: W. H. Raymond Yeh  
Associate Dean: Gordon D. C.  
Tyau

## Faculty

- \*W. H. R. Yeh, MArch (Dean)—  
architectural and urban design
- \*G. D. C. Tyau, MSArch (Associate Dean, Undergraduate Chair,  
and Graduate Chair)—design, structural technology, profes-  
sional practice
- \*A. Anderson, MArch—design, history/theory, urban studies
- \*M. Anderson, MArch—design, construction innovation
- P. Anderson, MArch—design, construction innovation
- K. Ashraf, SMarchS—history and theory
- \*B. J. Baker, DipArch—design, construction management
- \*F. L. Creager, BS—design, construction materials and technology
- \*A. B. Etherington, PhD—housing and community development in  
developing countries
- \*S. A. Leineweber, BArch, MA—design, history of architecture,  
historic preservation
- \*L. K. F. Liu, MFA—design, graphics, vernacular architecture
- S. Meder, ArchD—design, research, environmental systems
- \*P. Miao, PhD—architectural/urban design, theory, Chinese  
architecture
- \*J. M. Noe, MdesD—design, history of architecture, professional  
practice
- \*V. W. Olgyay, MArch—design, acoustics, environmental systems
- J. H. Park, PhD—design, computers
- \*S. Rab, PhD—history and theory

\* Graduate Faculty

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## Affiliate Faculty

- J. A. Dator, PhD—political science
- K. E. Kim, PhD—planning
- R. Y. Kwok, PhD—planning
- D. McClain, PhD—international  
business
- L. Minerbi, MCD—planning
- J.P. Suyderhoud, PhD—business
- J.R. Wills, PhD—business

## Adjunct Faculty

- K. F. Brown, BA—professional practice
- W. W. E. Chong, BArch—professional practice
- D. Chun, MArch—professional practice
- G. Clement, MArch—professional practice
- J. P. Cramer, BS—professional practice
- F. Crowell, MArch—professional practice
- W. Deguchi, BArch—professional practice
- J. G. Farrell, BArch—professional practice
- D. Goo, BArch—professional practice
- R. Green, BArch—professional practice
- F. S. Haines, MArch—professional practice
- N. R. Hale, BArch—professional practice
- S. S. Huh, MArch—professional practice
- D.M. Irie, BArch—professional practice
- J. Jonassen, MArch—professional practice
- D. Kauahikaua, MArch—professional practice
- R. Knowles, MArch—architecture research
- K. Kurokawa, PhD—professional practice
- L.T. May, BLA—professional practice
- K. Mitchell, BArch—professional practice
- F. S. Oda, BArch—professional practice

M. T. Okada, BArch—professional practice  
 T. Okamoto, MArch—professional practice  
 J. M. Okita, MArch—professional practice  
 P. Onishi, BArch—professional practice  
 K. Park, MArch—professional practice  
 D. Parker, DipArch—professional practice  
 T. Payette, MArch—professional practice  
 C. S. Sakata, BArch—professional practice  
 K. Sanders, BArch—professional practice  
 J. Sheehy, MArch—professional practice  
 H. T. Shen, BS—professional practice  
 J. T. Sidener, PhD—professional practice  
 W. C. Steward, MS—professional practice  
 B. T. Takahashi, MArch—professional practice  
 B. E. Uyehara, MArch—professional practice  
 E. Watanabe, BArch—professional practice  
 J. R. White, MArch—professional practice  
 D. W. Winey, BArch—professional practice  
 K. K. M. Yeang, PhD—professional practice

## General Information

### Introduction

The study of architecture develops intellectual, professional and creative skills, and knowledge in the design of form and space together with the integration of construction technology. Architectural studies offer students the opportunity to generate physical solutions to difficult and complex problems, often with competing economic, social, and political, as well as physical, parameters. The profession of architecture attracts those who have a wide range of interests and skills and wish to make a unique contribution to society.

To accommodate a broad range of student backgrounds, the school offers an Architecture Doctorate (ArchD) as a professional degree. This program fulfills the academic requirements for licensure in the profession of architecture and is the only such degree program in the state of Hawai‘i.

### Mission and Goals

The primary mission of the School of Architecture at the University of Hawai‘i at Mānoa, is to offer the highest quality architectural education to prepare students to be ethical and humane professionals, with a desire for life-long learning, a commitment to excellence, and the aspiration to be contributing members of society.

The academic program of the School of Architecture offers opportunities to focus on meeting the special needs of Hawai‘i, Asia and the Pacific Region. The school strives to be the center for the study of Asia-Pacific architecture, committed to the aggressive pursuit and establishment of the knowledge base for this regional architecture, and to effectively disseminate the accumulated knowledge to the students, the professional community, and the public at large. The school has the distinction of producing graduates who are competent practitioners, especially equipped to meet the architectural challenges of Hawai‘i, Asia and the Pacific region.

### Existing Programs

The School of Architecture currently has both a five-year accredited Bachelor of Architecture and Master of Architecture program. These two programs will continue for all existing majors until they have completed their respective programs. The school has applied for accreditation of the new Architecture Doctorate (ArchD) with the National Architectural Accrediting Board. This new degree program, the first of its type in the United States, is the only offered program. Until this new degree is accredited, graduates of the ArchD program will also receive an accredited BArch degree at the same time. Currently accredited programs, including the school's BArch and MArch programs, generally conform to the published National Architectural Accrediting Board (NAAB) accreditation conditions and procedures of existing programs: "In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit US professional degree programs in architecture, recognizes two types of degrees: the Bachelor of Architecture and the Master of Architecture. A program may be granted a five-year, three-year, or two-year term of accreditation, depending on its degree of conformance with established educational standards. Master degree programs may consist of a pre-professional undergraduate degree and a professional graduate degree, which, when earned sequentially, comprise an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree."

### Description

The Architecture Doctorate (ArchD) is a 212-credit program which can be completed in six to seven years. The curriculum carefully integrates off-campus professional practice training and overseas cross-cultural experience within the comprehensive academic program.

The ArchD program consists of two segments. The first segment is Pre-Professional Studies, and the second segment is Professional Studies. The Pre-Professional segment addresses the University liberal arts core requirements along with the study of architectural design principles and applications. Students without a prior baccalaureate degree will have a double major in architecture and liberal studies. Upon completion of this segment of studies, students will qualify for a BA in liberal studies from the Colleges of Arts and Sciences.

The Professional segment continues the study of architectural design principles and applications including a number of elective courses. It provides the students opportunities for overseas studies and involves them in the professional practice of architecture which incorporates real-time experience in architectural firms. Culmination of the individual student's experience will be in the form of a doctoral project in the final year of the program. With careful planning and full utilization of the summers and/or prior university education, the seven-year program may be completed in less time.

## Curriculum Uniqueness

This curriculum is unique in the following ways:

### Practice Integration

The practice of architecture is a programmatic requirement in this integrated curriculum. Every student will have one to two years of architecture office experience which may be applied toward the training requirements necessary for the licensure in the United States. The practicum curriculum incorporates substantial professional practice elements with the required courses and experience in professional firms. Students are placed in architectural firms in Honolulu and abroad, with principals serving as adjunct professors who are responsible for student's learning as part of this practice integration program.

### International Practice Opportunities

The program offers opportunities for international studies and practice through exchange programs and professional experience where students can study and/or practice abroad as part of the program. Through the School's overseas studies program and exchange agreements with a number of leading international architectural firms and universities in the Asia/Pacific region, all the students are expected to participate in an international study program prior to graduation.

### Design Studios

ArchD graduates will have ten design studios (including a comprehensive design project), plus an ArchD Project. A student can select from a number of advanced design studios that deal with the critical current issues of our civilization. This provides students opportunities and time to develop and synthesize a broad range of professional knowledge to apply to their future architectural practice.

### Elective Courses

Students have the opportunity to take a number of elective courses or professionally related topics from business, planning, computers, design technology, Asia/Pacific studies, and other relevant contemporary issues. These courses are taught by the diverse faculty of the school, which include adjunct and affiliate faculty members from other areas of the University who make a special effort to address the needs of our students. These provide a broad knowledge base for the students as they address the future challenges of the profession.

## Pre-Professional Double Major

The program provides opportunity for students to have a double major. At the end of the fourth year, a student can graduate with a Bachelor of Arts degree in Liberal Studies from the Colleges of Arts and Sciences. Those who continue and successfully complete the 212-credit program are awarded the Architecture Doctorate (ArchD) as the first professional degree.

## Faculty Resources

The school has a diverse and outstanding faculty with substantial professional practice experience. This faculty is supplemented by adjunct and affiliate faculty who are distinguished faculty members in related disciplines at the University and internationally known professionals and specialists around the world. The off-campus faculty are linked to the school through electronic communication technologies.

## Program Admission Options

The ArchD program offers interested students and professional practitioners a range of entrance opportunities. Students with or without an architectural background, including those with prior degrees, may enter into the program at a level appropriate to their backgrounds. Licensed architects may also enter at an advanced level consistent with their backgrounds to earn this new degree. All candidates for the ArchD degree must spend a minimum of one year in the program, which includes the completion of an ArchD Project.

## Admission Requirements

The school accepts students as transfers from other divisions of the University or other colleges, including those who have a previous degree in another discipline, and licensed professionals. However, because there are far more applicants than can be accommodated, admission requirements and screening procedures are more restrictive than those for other divisions at the University of Hawai'i at Mānoa.

High school students planning architecture as a career are advised to take four years of English and mathematics (including algebra, geometry, analytical geometry, and trigonometry); plus art, chemistry, physics, freehand and mechanical drawing, public speaking, information and computer science, history, geography, and at least two years of a foreign language.

Acceptance to the school is based on various criteria, including previous academic performance, grade point average, types of courses previously taken, and related professional experience of the students.

### Application Procedures

New students, including those currently enrolled in other divisions of the Mānoa Campus, transfers from UH community colleges and other universities, other degree holders and licensed architects, must submit a completed School of Architecture application, with all required enclosures, and a completed University of Hawai'i System Application Form to the School of Architecture no later than the published deadlines.

Write, phone or e-mail for the School of Architecture Admission Form and University of Hawai'i System Application for Admission Form from the Student Services Office at the School of Architecture.

## **Application Deadlines**

Completed applications received by March 1 will be evaluated for the following Fall Semester. Completed applications received by September 1 will be evaluated, on a space-available and advanced-standing basis, for the following Spring Semester. Incomplete and/or late applications may not be evaluated.

Prospective applicants are encouraged to inquire at the Student Services office for information on specific admission and degree requirements.

## **Advising**

Academic advising may be arranged for prospective students by contacting the school office.

## **New Students**

Students who have been accepted into the School of Architecture must meet with the Associate Dean prior to registration. New students are expected to attend the school orientation usually scheduled in early August.

## **Continuing Students**

All architecture majors who have yet to complete Arch 102 must meet with a faculty adviser each semester prior to registering for classes for the following semester.

## **Graduating Students**

Graduating students are required to apply for graduation. Forms are available from the school office.

## **Program Requirements**

### **General Education Core Requirements**

The School of Architecture requires certain core courses as part of the degree requirements for the ArchD. These core requirements have been incorporated into the published degree requirements.

Students who transfer into the architecture program may be required to take additional core courses in order to satisfy the architecture program's major requirements.

### **School Requirements**

- 212 credit hours of course work
- University of Hawai'i at Mānoa General Education Core
- Architecture major requirements noted below
- Cumulative GPA of 2.5 in architecture course work

## **Major Requirements**

### **General Education Core courses:**

- ENG 100
- MATH 140
- HIST 151 and 152
- ARCH 100, 235, 235L, 271 and 272
- ART 1XX/2XX
- One oral communication course

- PHYS 151, CHEM 151
- One approved biological science course, one science lab
- Three approved social science courses
- Second level study of foreign language or Hawaiian language
- BUS 313
- ENG 200, 209, or 225
- Five writing-intensive (WI) courses

### **Architecture major courses:**

- ARCH 101, 102
- ARCH 200, 201, 202, 218
- ARCH 301, 302, 315, 316, 317, 318
- ARCH 401, 431, 431L
- ARCH 502, 503, 504, 505, 506, 507, 508, 533, 534, 535, 536, 573

### **Electives:**

21 credit hours of approved electives offered by the School of Architecture.

### **Special Requirements**

All students are expected to have their own personal computer for studio and class work.

### **Comprehensive Portfolio Review Requirements**

Each student must submit a Comprehensive Portfolio to the faculty for evaluation and approval before continuing to the Professional Architecture segment. Eligibility requirements for the Comprehensive Portfolio submittal include good academic standing and successful completion of the Pre-Professional Architecture program.

The student may advance once the portfolio has been approved. If the portfolio is determined to be marginal, the faculty will require additional coursework.

### **Other Requirements**

Waiver or substitution of any required course must be approved by the Dean or Associate Dean. English as a Second Language (ESL) course work does not satisfy or substitute for the English requirements previously noted.

The School has adopted academic standards that are more restrictive than the general University standards. Architecture students with a cumulative grade point average (GPA) of less than 2.50 in architecture courses will be placed on probation. If the architecture GPA is not raised to 2.50 upon completion of the probationary semester, or if special conditions that may have been established by the Dean or Associate Dean at the start of that semester are not met, students may be suspended or dismissed from the architecture program. Students who fail to achieve a minimum acceptable grade after repeating any required course can be dismissed from the architecture program. The School of Architecture strictly enforces the UH Mānoa's withdrawal deadline.

### **Transfer Credits**

The academic records of successful applicants to the School of Architecture will be reviewed and transfer credits granted as appropriate. Architecture course requirements will be waived only for transfer credits that are deemed equivalent to courses offered by the University. Students may, on occasion, be granted exemption from taking certain Mānoa campus courses based upon previous experiences or studies, but this exemption may not always result in the granting of transfer credits.

Prior to acceptance into the school, the School of Architecture does not formally review in detail applicant's academic record, with regard to granting exemptions or transfer credits.

### **Additional Information**

Specific questions about the Architecture Doctorate Degree program may be directed to the Associate Dean of the School of Architecture.

For information on student loans and scholarships, contact the University of Hawai'i at Mānoa Financial Aid Services Office.

### **Student Organizations**

Students are encouraged to participate in the University of Hawai'i Chapter of the American Institute of Architecture Students (AIAS). The organization serves as the school's student government and engages in a number of worthwhile activities. At the national level, the AIAS is one of five organizations participating in the accreditation of architectural programs.

### **Honors and Awards**

Alpha Rho Chi Medal, National Professional Architectural Fraternity Award

Henry Adams Medal, American Institute of Architects Award

Henry Adams Certificate, American Institute of Architects Award

Allen R. Johnson-Roy C. Kelley Architectural Research Travel Scholarship

David Stringer Fellowship

School of Architecture Architectural Research Travel Scholarship

School of Architecture Intern/Travel Scholarship (multiple)

School of Architecture Architectural Travel Scholarships (multiple)

School of Architecture International Student Exchange Program (multiple)

Building Industry Association of Hawai'i Architectural Travel Scholarship

Building Industry Association of Hawai'i Women's Council Travel Scholarship

Construction Specifications Institute Architectural Travel Scholarship

HonBlue Architectural Research Travel Scholarship  
American Institute of Architects Honolulu Chapter/School of Architecture Alumni Association Design Awards for Outstanding Achievement in 100, 200, 300, and 400 level design studios