

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: Joyce M. Noe

Faculty

A. C. Anderson, MArch—design, history/theory, urban studies
K. Ashraf, PhD—design, history and theory
B. J. Baker, DipArch—design, construction management
F. L. Creager, BArch—design, construction materials and technology
D. W. Y. Goo, BArch, FAIA—practice, management
S. Leineweber, BArch, MA, FAIA—design, history of architecture, historic preservation
L. K. F. Liu, MFA—design, graphics, vernacular architecture
S. Meder, ArchD—design, environmental systems
P. Miao, PhD—architectural/urban design, Chinese architecture
J. M. Noe, MDesS, FAIA—design, professional practice
J. H. Park, PhD—design, computers
D. Rockwood, MArch—design, structural technology
M. S. Sarvimaki, PhD—design, history of architecture
J. Sidener, PhD, FAIA—urban design, graphics
W. H. R. Yeh, MArch, FAIA—architectural and urban design

Affiliate Faculty

J. A. Dator, PhD—political science
K. E. Kim, PhD—planning

R. Y. Kwok, PhD—planning
D. McClain, PhD—business
L. Minerbi, MCD, Dott Arch, MUP—planning
J. P. Suyderhoud, PhD—business
J. R. Wills, PhD—business

Adjunct Faculty

R. A. Altoon, MArch, FAIA—professional practice
B. A. Berkus—professional practice
G. Chong, MArch, FAIA—professional practice
W. W. C. Chong, BArch, FAIA—professional practice
D. G. Chun, MArch, FAIA—professional practice
G. Clement, MArch, FAIA—professional practice
J. P. Cramer, MA—professional practice
S. F. Crowell, Jr., MArch, FAIA—professional practice
C. Davis, AB Arch, FAIA—professional practice
S. Dunlap, BArch—professional practice
J. G. F. Farrell, BArch—professional practice
J. Ferraro, BFA—professional practice
R. Fielden, ArchD, FAIA—professional practice
R. P. Gronowsky, BSArch—professional practice
F. S. Haines, MArch, FAIA—professional practice
H. D. Hatch, MArch—professional practice
J. X. Ho, MA, MAUD—professional practice
R. W. Hobbs, MSArch, FAIA—professional practice
S. S. Huh, MArch, FAIA—professional practice
M. B. Hulst, MArch—professional practice
A. J. Hyland, BS Arch—professional practice
J. O. Jonassen, MSArch, FAIA—professional practice
J. S. Kilbourn, MArch—professional practice
I. Lamey, DipArch—professional practice
J. Logan, MArch—professional practice
R. Lu, PhD—professional practice
M. Martin, PhD, FAIA—professional practice
L. Matsunaga, MArch—professional practice
L. T. May, BLA, FASLA—professional practice
K. H. Mitchell, BArch—professional practice
D. Mitsunaga, ArchD—professional practice
F. S. Oda, ArchD, FAIA—professional practice
M. T. Okada, BArch—professional practice
V. Olgay, MArch—professional practice
P. T. Onishi, BArch—professional practice
J. J. Pan, MArch, FAIA—professional practice
K. S. Park, MArch, MCP, FAICP, FAIA—professional practice
D. Parker, DipArch, FACHA, FAIA—professional practice
T. Payette, MArch, FAIA—professional practice

Contents

General Information.....	77
Description	78
Curriculum Uniqueness.....	78
Pre-Professional Double Major	79
Faculty Resources.....	79
Program Admission Options.....	79
Admission Requirements.....	79
Advising.....	80
Program Requirements.....	80
Additional Information.....	81
Student Organizations	81
Honors and Awards.....	81

B. Perkins, BArch, FAIA—professional practice
 J. E. J. Pomeroy, BArch—professional practice
 T. Russell, BArch—professional practice
 C. S. Sakata, ArchD, FAIA—professional practice
 J. Sheehy, MArch, FAIA—professional practice
 R. L. Skaggs, MArch, FAIA, FACHA, FHFI—professional practice
 L. Spear, MArch, FAIA—professional practice
 W. C. Steward, MS, FAIA—professional practice
 B. T. Takahashi, MArch—professional practice
 R. J. Tindall, BA—professional practice
 C. M. Torigoe, BArch—professional practice
 B. E. Uyehara, MArch—professional practice
 D. W. Winey, BArch, MBA—professional practice
 C. S. Won, BArch, Hon FAIA—professional practice
 K. K. M. Yeang, PhD, Hon FAIA—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 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 diverse student body, 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 UH 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.

Program

The School of Architecture offers a professional Architecture Doctorate (ArchD) degree program. Students with no prior baccalaureate degree also complete a BA in Interdisciplinary Studies prior to the professional studies segment of the program.

The seven-year program awards an accredited ArchD degree and meets all the national accreditation standards of the National Architectural Accrediting Board (NAAB) and is currently accredited by NAAB for the maximum six-year term.

The 2004 NAAB Conditions and 2005 Procedures state:

“In the U.S., 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 U.S. professional degree programs in architecture, recognizes three types of degrees; the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted a six-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 that, when earned sequentially, constitute 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 215-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 three segments. The first three-year segment is Pre-Professional Studies, the second segment is a Transition year, and the third three-year segment is Professional Studies. The Pre-Professional segment addresses the UH Mānoa general education and graduation core requirements along with the study of architectural design principles and applications. The Transition year connects the Pre-Professional and the Professional Studies and includes elective opportunities to complete the BA in Interdisciplinary Studies. 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 is 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 and includes elective opportunities to complete the BA in Interdisciplinary Studies.

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 requirements necessary for licensure in

the U.S. The practicum curriculum incorporates substantial professional practice elements with the required courses and experience in professional firms. Students are placed in architectural firms for two semesters in Honolulu and abroad who have Asia-Pacific experience. Principal architects serve as adjunct professors who are responsible for student's learning and training, which is non-compensated and based in part on current guidelines and core competencies for licensure developed by the National Council of Architecture Registration Boards (NCARB) for the Intern Development Program (IDP).

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 students are expected to participate in an international study program prior to graduation.

Design Studios

ArchD graduates will have fourteen (14) Architecture studios (including a comprehensive design project, a practicum and an ArchD project). A student can select from a number of advanced design studios that deal with the critical current issues of our civilization with the Asia-Pacific Region. This provides students with 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 UH 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 Baccalaureate Degree Option

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 Interdisciplinary Studies in a program approved by the Interdisciplinary Studies Program and the School of Architecture. Those who continue and successfully complete the 215-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 UH and internationally known professionals and specialists around the world. The off-campus faculty are linked to the school through electronic communication technologies and semester visits.

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 on campus, which includes the completion of an ArchD Project.

Admission Requirements

The school accepts students as transfers from other divisions of UH 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 UH 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, SAT or ACT scores, 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 UH 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 UH System Application for Admission Form from the Student Services Office at the School of Architecture.

Application Deadlines

Completed applications received by **February 1** through **May 1** will be evaluated for the following fall semester. Completed applications received by **September 1** through **October 1** will be evaluated for the following spring semester. Incomplete and/or late applications may not be evaluated.

Prospective applicants are encouraged to inquire at the School of Architecture 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 must meet with a faculty advisor 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

- 215 credit hours of course work
- UH Mānoa General Education Core and graduation requirements
- 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 preferably freehand drawing
- One approved 3xx oral communication course
- PHYS 151, one science lab
- One approved biological science course
- One approved contemporary ethics course
- One approved Hawaiian, Asian, and Pacific issues course
- Second level study of foreign language or Hawaiian language

- ENG 200, 209, or 255
- Five writing-intensive courses
- ASAN 312 or approved Social Science course

Architecture major courses:

- ARCH 100, 101, 102
- ARCH 200, 201, 202, 218, 235, 235L, 271, 272
- ARCH 301, 302, 315, 316, 317, 318, 320, 321
- ARCH 401, 402, 417, 418, 431, 431L, 433, 474
- ARCH 500, 501, 502, 503, 504, 505, 506, 507, 508, 534, 535, 573

Electives:

33 credit hours of approved electives offered and/or approved by the School of Architecture, 6 of which are Study Abroad credits.

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 are specified in the current design portfolio guidelines and 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 UH 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 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 UH. Students may, on occasion, be granted exemption from taking certain UH Mānoa 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 UH Mānoa Financial Aid Services Office.

Student Organizations

Students are encouraged to participate in the UH 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 and have won over a dozen awards since its inception. At the national level, the AIAS is one of five organizations participating in the accreditation of architectural programs.

The Gamma Mu Chapter of the Tau Sigma Delta Honor Society includes students who maintain a 3.0 GPA and are at the top twenty percent of their class.

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
 School of Architecture Alumni Association Scholarship
 Armstrong Builders Scholarship
 George J. Wimberly Architectural Research Travel Scholarship and Internship at Wimberly Allison Tong and Goo (WATG)
 Various scholarships for practicum students