



UNIVERSITY OF WASHINGTON

CREATING AND CHANGING UNDERGRADUATE
ACADEMIC PROGRAMS

JAN 24 2014

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College/Campus Built Environments	Department/Unit Architecture	Date 1/21/14
New Programs <input type="checkbox"/> Leading to a Bachelor of ___ in ___ degree. <input checked="" type="checkbox"/> Leading to a Bachelor of <u>Arts</u> degree with a major in <u>Architectural Studies</u> . <input type="checkbox"/> Leading to a ___ Option within the existing major in ____. <input type="checkbox"/> Leading to a minor in ____.		
Changes to Existing Programs <input type="checkbox"/> New Admission Requirements for the Major in ___ within the Bachelor of ____. <input type="checkbox"/> Revised Admission Requirements for the Major in ___ within the Bachelor of ____. <input type="checkbox"/> Revised Program Requirements for the Major in ___ within the Bachelor of ____. <input type="checkbox"/> Revised Requirements for the Option in ___ within the major in ____. <input type="checkbox"/> Revised Requirements for the Minor in ____.		
Other Changes <input type="checkbox"/> Change name of program from ___ to ____. <input type="checkbox"/> Change delivery method or location of program. <input type="checkbox"/> New or Revised Continuation Policy for ____. <input type="checkbox"/> New Honors Requirements for ____. <input type="checkbox"/> Eliminate program in ____.		
Proposed Effective Date: Quarter: <input checked="" type="checkbox"/> Autumn <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer Year: 20 14		
Contact Person: Ken Tadashi Oshima	Phone: 2062455752	Email: koshima@uw.edu
		Box: 355720
EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE For new program, please include any relevant supporting documentation such as student learning outcomes, projected enrollments, letters of support and departmental handouts. (Use additional pages if necessary). See attached proposal.		
OTHER DEPARTMENTS AFFECTED List all departments/units/ or co-accredited programs affected by your new program or changes to your existing program and acquire the signature of the chair/director of each department/unit listed. Attach additional page(s) if necessary. *See online instructions.		
Department/Unit:	Chair/Program Director:	Date:
Department/Unit:	Chair/Program Director:	Date:

CATALOG COPY

Catalog Copy as currently written. Include only sections/paragraphs that would be changed if your request is approved. Please cross out or otherwise highlight any deletions.

NA

PROPOSED CATALOG COPY

Reflecting requested changes (Include exact wording as you wish it to be shown in the printed catalog. Please underline or otherwise highlight any additions. If needed, attach a separate, expanded version of the changes that might appear in department publications).
Please note: all copy will be edited to reflect uniform style in the General Catalog.

See separate attached.

APPROVALS

Chair/Program Director:

Danif Miller

Date:

1/22/14

College/School/Campus Curriculum Committee:

Andrew Bragg

Date:

1.22.14

Dean/Vice Chancellor:

John Schaeffer

Date:

JAN. 23, 2014

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:

Date:

POST TRI-CAMPUS APPROVAL (when needed)

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:

Date:

EXPLANATION AND RATIONALE FOR THE NEW BA IN ARCHITECTURAL STUDIES PROGRAM

Introduction

The Department of Architecture's new Bachelor of Arts in Architectural Studies degree will compliment our current Bachelor of Arts in Architectural Design. We anticipate matriculating about 20 students per class. Admission will be competitive, with direct admission for freshman candidates, as well as sophomores and juniors. We expect that the BA in Architectural Studies will act as a general degree, with the current program in Architectural Design drawing some of its design-focused applicants from this group. Thus, the new degree program will broaden the options for students interested in the field of architecture.

The new Bachelor of Arts in Architectural Studies is proposed as a four-year, undergraduate degree program in architecture in which students explore the many factors that shape our built environment. The program provides a liberal arts foundation in the discipline of architecture that covers spatial reasoning, aesthetics, political and economic structures, socio-cultural influences, urbanism, landscape, construction, building technologies and ecology. It gives students the opportunity to concentrate their studies through a sequence courses that allows for specialization in one of three areas: history and theory, materials and making, or sustainable technologies. Students in the Architectural Studies program can prepare for graduate study in architecture, architectural history, and related fields in the built environment, as well as fields outside of architecture.

The program has been devised to satisfy already existing student demand, to capitalize on faculty expertise in the department, and to make economic use of space and faculty resources. We hope that the program will also provide an impetus for the development of undergraduate degrees with freshman admission into the College of Built Environments, perhaps with a shared core curriculum. In this regard, we see this proposal as strongly complimentary to the college's interest in drawing young students into the college's various Built Environment disciplines.

Background

The Department of Architecture has offered a bachelor's degree in architecture with an emphasis on design since 1915. Until 1968, the undergraduate degree offered by the department was the 5-year professionally accredited BArch. From 1968 on, the Master of Architecture has been the sole accredited professional degree, and the 4-year BA has served as a preparation for that degree. This structure is designated 2+2+2+ because it offers two years of general studies in the university, two years as a declared BA major in the department, and 2+ years as an MArch student. Admission at each step is competitive, so relatively few students pursue this whole course at the UW. The department also offers the MArch to students whose degree is in some other discipline than architecture. These students enter into a preparatory year in our department, and it takes them 3+ years to complete the degree.

In the past, our BA students who applied to MArch programs outside the UW generally pursued the same 2-year MArch professional degree track that they would here. Increasingly, however, the trend has been for universities to enroll nearly all BA in Architectural Design students in a 3-year track along with students from other disciplines, with advanced standing granted only to exceptional design students or, as is the case at several prominent universities, not at all. Since the MArch at all schools is heavily design oriented, this tends to place extra value on applicant's exposure to the many issues that affect the practice of architecture. In an increasingly complex professional world, this trend emphasizes broad academic foundations and acknowledges the many professional directions running through the discipline of architecture.

While we continue to see great value in a design-oriented degree as a direct path into the profession of architecture, our proposal recognizes the value of an approach that is

more broadly based. The department's Professionals Advisory Council has strongly endorsed this strategy, indicating that architecture firms often hire employees without design backgrounds in human resources, marketing, specification-writing, and other areas. In-depth knowledge in the discipline would be especially helpful in these positions. The new BA degree thus offers an alternative path into the field of architecture, while also providing greater breadth for students who want to pursue professional directions in related fields, such as construction management, landscape architecture, real estate, and urban planning, as well as careers in other fields.

Student interest

In addition to acknowledging national trends in architectural education, we are proposing this program in response to unmet demand for architectural education at the University of Washington. So far this academic year more than 1,400 students have registered for Arch 150, *Appreciation of Architecture 1*. In a recent survey of these students nearly 65% of respondents expressed interest (35%) or strong interest (30%) in pursuing "a non-design based degree in Architectural Studies." A similar percentage of respondents also expressed interest a degree that would allow them to choose an area of concentration, with 25% expressing interest in architectural history and theory, 33% in craft and fabrication, and 42% in sustainable technologies. Despite this evident interest in the field of architecture, many of these students will choose not to apply for our BA in degree in architectural design. We know that some of them are discouraged by the uncertainty of competitive junior year admission into the major. There are also students who are uninterested in the rigors of design studios, while others, including students heavily involved in athletics and extracurricular activities, are unable to reconcile the academic schedule of the architectural design degree with their other commitments. We also know that some students who hope to pursue the design major would like the security of freshmen enrollment in a more general degree program from which they could matriculate should they not be accepted into the design major. With this proposal the department seeks to respond to interest in the field of architecture that cannot be fully met by our current, studio-oriented program.

The new program can also provide an alternative path for students who are not successful in their applications into our existing design major. Currently, the Department of Architecture admits only about 50 juniors into the BA in Architectural Design program each year. Growth in this program is tightly constrained by the space requirements of the design studio, and, although we increased enrollment in the program by about 5% this year, it is essentially at capacity. We therefore deny admission to about 50% of our applicants. This is a highly qualified group, since all applicants to the program must have already completed 17 credits of prerequisite Arch coursework. The result is that many very capable students committed to study in the field of architecture at UW must pursue other degrees. The new BA degree would provide an option for these students, with a sequence of courses that is less constrained by space needs than our current degree.

Faculty expertise and department capabilities

As with our current degree program, the new degree in Architectural Studies develops from the university's liberal arts core and builds a broad foundation in architecture. It also capitalizes on particular areas of faculty expertise that are not fully exploited by our BA in Architectural Design—allowing for specialization in architectural history and theory, craft and fabrication, and sustainable technologies.

The Department of Architecture at UW has one of the largest and most productive architectural history and theory faculty of any program in the US. Its expertise in architectural modernism encompasses both a global reach and deep local connections. Because of this the department is able to offer a large number of specialized courses addressing architecture in the modern era (from the Renaissance to the present), and covering its manifestations in Europe, Asia, Africa, and the Americas. Virtually of these

courses have plenty of capacity to accommodate additional students. Close relationships with the Art History program also allow us to direct students to further specialization in related courses.

Our faculty has also built a strong national reputation in design-build, furniture making, digital fabrication, and the traditions of craft and appropriate material use in architecture. The capabilities of faculty in these areas are well supported by the college's fabrication labs and Sand Point facility and also by the department's strong connections with community groups, who often act as partners in student construction projects. An engaged local professional community sensitive to these issues also strengthens the department's position in these aspects of the field. Architecture courses associated with craft and materials that we already offer, particularly those investigating the ethical and aesthetic implications of these issues, have the capacity to absorb a larger cohort of students.

In addition to these areas, the department of architecture has established itself as center of expertise on sustainable design and building performance research both in new and existing construction. Much of the faculty research in these areas originates in the Integrated Design Lab, which is housed in the Bullitt Building (recently named the 2013 Sustainable Building of the Year by World Architecture News). The department's Materials and Daylighting lab in Gould Hall, also supports these areas of investigation. Department faculty also lead the industry in sustainable design and life cycle assessment and provide extensive consultation services in these areas to the professional community. The new degree would allow more university undergraduates access to these labs, the courses that focus on these topics, and participation in research that is currently transforming the profession.

Use of space, faculty and staff resources

We anticipate that the proposed BA program can be accommodated by spaces and equipment available in the college and university, and will in many cases help us make more efficient use of these resources. We also expect that current faculty, with the addition of several part-time lecturer and TA positions will be able to accommodate increased course enrollments. Current advising and administrative staff also will be able to handle the larger student body, with some adjustment in appointment hours.

New required courses devised for the degree will generally be offered during architecture studio hours, when many college rooms are under-utilized. Existing courses now included in the new degree will generally be adjusted to accommodate larger groups in their current classroom and lab spaces. Selective and elective courses will be drawn from the existing course catalog. Because the size of the current BA in Architectural Design is small, enrollment in many of our non-studio courses is limited not by space, but by the number of students available to take them. With the addition of the new degree, these courses will be able to draw from a larger pool of interested students and thereby more efficiently utilize spaces we currently occupy. With the addition of 20 or more new Architecture Studies majors, we anticipate that many advanced courses that currently enroll just 10 to 15 will accommodate 15-20, and some of our larger courses designed to accommodate 40-60 students will be better able to reach capacity.

Because the new degree program is built primarily with existing courses, it will not significantly impact faculty resources in the department. The five new courses will be taught by permanent faculty, whose current teaching loads will remain constant but whose course assignments be adjusted to accommodate the new courses. In some cases, faculty will teach low enrollment elective courses less frequently than previously, thus further regularizing their teaching assignments. In others, the department will hire lecturers to teach courses released by permanent faculty, especially design studio sections. Because the department has strong connections with the professional community, we are in close contact with a large number of practicing architects willing, and often eager, to contribute their expertise teaching design studios. The new BA program will open additional opportunities for us to

work with this group. We also expect that the increased number of BA students will allow us to hire additional TAs from the MS in Architecture and PhD in the Built Environment programs to assist with extra discussion sections. Revenue from increased enrollments will more than cover the costs of additional lecturers, and will help support advanced masters students in the department and PhD students in the college.

We expect that the current undergraduate adviser, who has a part-time appointment, will be able to handle this additional cohort of students. Extra funds will allow us to increase adviser hours, if necessary.

Projected Enrollments and Budget

Projected new enrollments. During the first year we will offer the proposed degree, we expect that all new students will be admitted as juniors. In subsequent years a greater proportion of students will be admitted as freshmen and sophomores; the department does not offer admission to these groups. We anticipate that some sophomores (up to 20% of the class of 50) will choose to switch to the BA in Architectural Design in their junior year.

Total new BA in Architectural Studies students enrolled in the Department of Architecture

	2014-15	2015-16	2016-17	2017-18
Seniors	0	20	20	20
Juniors	20	20	20	20
Sophomores	0	5	10	25
Freshmen	0	5	15	30
Total	20	50	65	95

Revenue. Based on 2013-14 operating fees and the university's current ABB formulas, the Department of Architecture expects to net approximately \$3314 per undergraduate major student plus approximately \$110 per student credit hour in ARCH courses. These numbers assume that 77% of undergraduate students are Washington residents. We expect that BA in Architectural Studies freshmen will take 15 ARCH credits, sophomores 25 ARCH credits, juniors 40 ARCH credits, and seniors 35 ARCH credits. The totals in the table below are in 2013-14 dollars.

Total department revenue from new BA in Architectural Studies students

	2014-15	2015-16	2016-17	2017-18
Seniors	\$0	\$143,280	\$143,280	\$143,280
Juniors	154,280	154,280	154,280	154,280
Sophomores	0	30,320	60,640	151,600
Freshmen	0	24,820	74,460	148,920
Total	\$145,280	\$352,700	\$432,660	\$598,080

Expenditures. We expect that many of our current courses can be adjusted to accept larger numbers of students. Proposed new courses will be covered primarily by permanent faculty, whose loads will not be increased, but whose responsibilities will shift somewhat from elective to required courses. Although we do not anticipate adding permanent new faculty lines, additional revenues may make this possible. We will hire guest lecturers from the professional community to replace some of the design studio teaching offered by permanent faculty, so they can contribute to the new non-design BA in Architectural studies (\$8000 per quarter each). We will also offer additional TA positions to MS in Architecture and BE PhD students (\$24,000 per quarter each). Some courses will also require additional Graduate Student Assistant support (\$1100 per quarter each). Finally, we expect to increase undergraduate advising hours to support this program. We do not anticipate any additional administrative or capital costs, although the department will incur nominal operating costs.

Total department expenditures for the new BA in Architectural Studies program

	2014-15	2015-16	2016-17	2017-18
Lecturers	\$16,000	\$32,000	\$32,000	\$32,000
TAs	24,000	24,000	24,000	36,000
GSAs	2,200	3,300	4,400	4,400
Advising	20,000	20,000	20,000	20,000
Operations	1,000	2,000	2,500	3,000
Total	\$63,200	\$81,300	\$82,900	\$95,400

NEW CATALOG COPY FOR THE BA IN ARCHITECTURAL STUDIES

Adviser
208 Gould Hall, Box 355720
206-543-3043
bainfo@uw.edu

The Department of Architecture offers the following programs of study:

- The Bachelor of Arts degree with a major in architectural studies
- The Bachelor of Arts degree with a major in architectural design
- A dual-degree program leading to the Bachelor of Arts degree with a major in architectural design and the Bachelor of Science degree in construction management
- A minor in architecture

The Bachelor of Arts in Architectural Studies is a four-year, undergraduate degree program in architecture in which students explore the factors that shape our built environment. The program provides a liberal arts foundation in the discipline of architecture, which covers spatial reasoning, aesthetics, political and economic structures, socio-cultural influences, urbanism, landscape, and ecology, and it gives students the opportunity to concentrate their studies through a sequence of courses investigating history and theory, craft and fabrication, or sustainable technology and building performance. Students in the Architectural Studies program can prepare for graduate study in architecture and related fields such as construction management, landscape architecture, real estate, and urban planning, as well as careers in other fields.

The Bachelor of Arts in Architectural Studies program consists of two two-year sequences. Years one and two include 14 credits of preparatory architectural coursework in addition to at least 76 credits devoted to satisfying the University of Washington's general education requirements. These include coursework in the visual, literary and performing arts, math, science, the social sciences, and other knowledge areas. The intent of these first two years is to have students build their skills in communication and critical thinking, to gain broad exposure to other disciplines in order to make more informed academic and career decisions, and to provide the broad academic foundation essential to successful study in architecture. All interested University of Washington students are welcome to participate in this first two-year sequence.

The second two-year sequence begins in the junior year. Admission to the program requires the completion of Arch prerequisites and a minimum of 90 credits, and occurs through a selection process at the beginning of spring quarter of the sophomore year. Years three and four include 29 credits of required courses, including the capstone, 38 credits of discipline-specific selectives and electives, and 23 credits of upper division electives. Students can focus their studies by choosing a concentration of history and theory, materials and making, or sustainable technologies, or a combination of these.

Department Admission Requirements

Applicants are considered for autumn admission only. Admission is competitive. The admission groups are: Freshmen/Sophomore Admission (F/S A), and Upper-Division Admission (UA). Consult department website for more information and application form.

Freshman Admission

The department enrolls freshman-year students directly out of high school, prior to their completion of any university-level prerequisites. All freshmen indicating Architecture on their UW application will be considered for freshman admission to the BA in Architectural Studies program; no additional application materials are required. Students admitted as freshmen must complete all preparatory and general education requirements listed under Upper-Division Admission as well as all major requirements in order to earn their degrees.

Sophomore Admission

The application deadline for sophomore admission is the first Monday of Spring Quarter. Admission decisions are based on an applicant's academic performance and potential, extent and quality of relevant experience, and personal motivation. Students admitted as sophomores must complete all preparatory and general education requirements listed under Upper-Division Admission as well as all major requirements in order to earn their degrees. Completion of prerequisite requirements does not guarantee admission.

Upper Division Admission Requirements (UA)

1. Junior Standing (90 or more credits completed) in the quarter of admission to include the following:
 - *Preparatory Architectural Coursework (19 credits):* ARCH 200 (5 credits), ARCH 231 (5 credits), ARCH 350 (3 credits), ARCH 351 (3 credits), ARCH 352 (3 credits). *Note:* These courses can be taken through UW Educational Outreach on a nonmatriculated basis, prior to admission to the UW, or they can be taken in year two on campus.
 - *General Education Requirements:* Visual, Literary, and Performing Arts (VLPA, 20 credits); Individuals and Societies (I&S, 20 credits); Natural World (NW, 20 credits, including 5 credits of math: MATH 112, MATH 124, or MATH 145); additional Areas of Knowledge (6 credits); Electives (3 credits). Composition/writing (10 credits total, may be met by freshman English composition courses and/or other general education courses designated as "W", with a minimum grade of 2.0 for each course); Diversity (5 credits, may be satisfied by general education courses designated as DIV).
2. *Minimum college/university GPA of 2.80.*
3. *Department Application (See Department website).*
 - Transcripts of all college-level work. Unofficial transcripts will be accepted.
 - Transfer Evaluation of College Record - prepared by the Office of Admissions for transfer students. (A separate application to the University of Washington is necessary if a student is not enrolled at the University. Contact the University of Washington's Office of Admission, 320 Schmitz Hall, Box 355840, Seattle, WA 98195, (206) 543-9686, Web: UW Admissions. Transfer students should attend Transfer Thursday information sessions and look at current UW transfer student requirements; <http://admit.washington.edu/Admission/Transfer>.)
 - Application deadline: First Monday of Spring Quarter for autumn quarter only. All prerequisite requirements must be completed or under way by the application deadline, and all prerequisite requirements must be completed by the time the student enters the program in autumn quarter. Completion of prerequisite requirements does not guarantee admission.

Major Requirements

1. *Coursework (91 or more credits completed during years three and four):* ARCH 331 (5

credits), ARCH 332 (5 credits), ARCH 361 (5 credits), ARCH 362 (5 credits), ARCH 468 (3 credits), ARCH 469 (6 credits). One history and theory selective course (3 credits), one craft and fabrication selective course (3 credits), and one sustainable technologies selective course (3 credits). Three Department of Architecture Areas of Knowledge courses (at least 9 credits), two approved electives offered within College of Built Environment programs (at least 6 credits), five approved Department of Architecture electives (at least 15 credits), and at least 23 credits of approved upper-division electives. Selective and Areas of Knowledge courses are chosen from approved lists maintained by the department.

2. Students must complete ARCH 469 Architecture Capstone in residence at the UW.

3. Minimum 2.50 cumulative GPA for all coursework.

Minor

Minor Requirements: 25 credits, to include a minimum of 20 credits in ARCH courses (at least 9 credits at the upper-division level) and 5 additional upper-division credits from courses in the College of Built Environments.

Student Outcomes and Opportunities

- *Learning Objectives and Expected Outcomes:* The architectural studies program emphasizes a broad liberal arts foundation followed by a focus on architectural history and theory, craft and fabrication, and sustainable technologies. Specific goals for student learning include an understanding of the sequences and history of human building activities; social, political, legal, and economic influences on design and construction; various architectural theories and current thought about the aesthetics of design; construction materials and their properties; relationships of buildings to their sites and ecological contexts; sustainable technologies used in building construction.
- *Instructional and Research Facilities:* Departmental and College facilities include the following:
 - *Design Machine Group*, a collaborative design and computing research lab and studio aimed at fostering and developing ideas that will shape the future of design and information technology.
 - *UW Rome Center*, housed in the Palazzo Pio on the Campo de Fiori of Rome, provides studio and classroom spaces for students participating in Italian studies programs.
 - *The Integrated Design Lab* is an extension of the Department of Architecture. Faculty and students in the lab focus on integrated daylighting, electric lighting, energy simulation, heating, ventilation and air conditioning systems. The lab provides regional design teams access to the best building-performance knowledge available, project-by-project support, and education & training on how to design, construct and operate the healthiest, most productive and energy efficient buildings in North America.
 - *Digital Commons* with computer workstations, scanning and plotting equipment.
 - *Photography Laboratory:* A large and well-equipped laboratory for black-and-white photography operated by the department for the College provides studio and darkroom facilities for use by photography classes, design studio classes, special instruction, and independent activity.
 - *Fabrication Labs:* Large and well-equipped wood- and metal-working shops and digital fabrication facilities are available for student and class projects.

- *Honors Options Available:* For Interdisciplinary Honors, see University Honors Program.
- *Research, Internships, and Service Learning:* Internships are available and vary according to individual interests within the program. See adviser for details.
- *Department Scholarships:* A limited number of department scholarships are available to eligible students entering their final year of the major.
- *Student Organizations/Associations:* AIAS (American Institute of Architectural Students)

Of Special Note:

Most states require that an individual intending to become an architect hold an accredited degree. Two types of degrees are accredited by the National Architectural Accrediting Board (NAAB): (1) the Bachelor of Architecture, which requires a minimum of five years of architectural study (this degree is not offered at the University of Washington), and (2) the Master of Architecture, which requires a minimum of three years of study following most bachelor's degrees or two years following a pre-professional bachelor's degree in architecture. These professional degrees are structured to educate those who aspire to registration and licensure to practice as architects.

The UW's four-year, pre-professional degrees are not accredited by NAAB. The pre-professional degree is useful to those desiring a foundation in the field of architecture as preparation for either continued education in a professional degree program or for employment options in fields related to architecture.

Architectural education at the University of Washington requires a minimum of six or seven years of higher education to attain the first professional degree, the Master of Architecture. The curriculum for the Bachelor of Arts degree (with a major in Architectural Design) may be followed by a 2+year Master of Architecture degree. The curriculum for the Bachelor of Arts degree (with a major in Architectural Studies) or bachelor's degrees in unrelated fields may be followed by a 3+year Master of Architecture degree.

ATTACHMENTS

1. The BA in Architectural Studies program description and curriculum sheet detail the structure and content of the proposed degree.
2. Area of Concentration lists include courses currently offered by the department that fulfill selective requirements under the categories of Craft and Fabrication, History/Theory, and Sustainable Technologies.
3. Degree path descriptions propose various curricula students might follow to pursue particular areas of concentration.
4. UW form 1503, Creating and Changing Undergraduate Academic Programs (with attachments)
5. New course forms describe specific course offerings that are not currently available in the department. These include:
 - **Arch 231 Making and Craft (5 cr)**: new prerequisite, open enrollment course. Focuses on environmental, ethical and aesthetic aspects of material selection and use in the built environment.
 - **Arch 361 Architectural Studies Colloquium (5 cr)**: new required course for BA in Architectural Studies students only. Focuses on the breadth of the discipline of architecture and its connections with other fields. Emphasizes inquiry, modes of analysis, writing, and communication.
 - **Arch 362 Architecture and Theory (5 cr)**: new required course for BA in Architectural Studies students open to BA in Architectural Design students. Examines 20th and 21st century theoretical movements in architecture. Focuses on inquiry and writing.
 - **Arch 468 Architecture Capstone Preparation (3 cr)**: new required course for BA in Architectural Studies seniors only. Students prepare proposals for further inquiry in the Architecture Capstone. Focuses on literature review, case studies, inquiry methods, and effective writing for topics in the discipline.
 - **Arch 469 Architecture Capstone (6 cr)**: new required course for BA in Architectural Studies seniors only. Student directed inquiry developed under faculty supervision.
6. Course change forms for Arch 200 (from Arch 210), Arch 201 (from Arch 211), Arch 331 and Arch 332 reflect updates to current courses consistent with the goals of the degree proposal.

Undergraduate Bachelor of Arts in ARCHITECTURAL STUDIES

The Bachelor of Arts in Architectural Studies is a four-year, undergraduate degree program in which students explore the many factors that shape our built environment. The program provides a liberal arts foundation in the discipline of architecture that covers spatial reasoning, aesthetics, political and economic structures, socio-cultural influences, urbanism, landscape, construction, building technologies, and ecology. It gives students the opportunity to focus their studies through a sequence of courses that allows concentration in one of three areas: history and theory, materials and making, or sustainable technologies.

The Bachelor of Arts in Architectural Studies program consists of two two-year sequences. Years one and two include 19 credits of preparatory architectural coursework and 74 credits devoted to satisfying the University of Washington's general education requirements. These include courses in the visual, literary and performing arts, math, science, the social sciences, and other knowledge areas. During these first two years students build their skills in communication and critical thinking, gain broad exposure to other disciplines in order to make more informed academic and career decisions, and develop the academic foundation essential to successful study in architecture. All interested University of Washington students are welcome to participate in this first two-year sequence.

The second two-year sequence begins in the junior year. Years three and four include 29 credits of required courses, including the capstone, 38 credits of discipline-specific selectives and electives, and 23 credits of upper division electives. Students can focus their studies by choosing a concentration of history and theory, materials and making, or sustainable technologies, or a combination of these

JUNIOR-YEAR ADMISSION

Admission to the program in the junior year requires the completion of Arch prerequisites and a minimum of 93 credits. It occurs through a selection process at the beginning of spring quarter of the sophomore year. The application deadline for junior admission is the first Monday of spring quarter. Admission decisions are based on an applicant's academic performance and potential, extent and quality of relevant experience, and personal motivation. Completion of prerequisite requirements does not guarantee admission.

SOPHOMORE ADMISSION

Sophomore-year admission is open to students who began their studies at UW as freshmen, have been enrolled no more than three quarters, and have completed at least 27 credits at UW (25 of the 27 UW credits must be numerically graded). The application deadline for sophomore admission is the first Monday of spring quarter.

DIRECT ADMISSION FOR FRESHMAN

Students accepted to the UW who indicate Architecture as the preferred major on the freshman application are considered for direct admission to the Department of Architecture's BA programs. Note that only applicants to autumn quarter are eligible for direct admission.

GENERAL EDUCATION COURSES

5 credits of English composition

66 credits from Areas of Knowledge, including:

20 credits from Visual, Literary, and Performing Arts

20 credits from Individuals and Societies

20 credits from The Natural World, including MATH 112, 124 (calculus), or 145 (Q SCI 291 also acceptable)

6 credits additional Areas of Knowledge

3 credits of electives

Before graduation, students must also complete two Writing (W) courses for a minimum total of 7 credits, and 5 credits of Diversity (DIV) course(s). These courses may also count toward any other requirement, except the 5-credit English composition requirement. Students should complete some or all of these requirements prior to admission to the Architecture program.

PREPARATORY COURSES

The Architectural Studies major requires 19 credits of preparatory coursework. (NOTE: These courses are offered only in the quarters indicated and require sophomore or above standing. Non-UW students may take these courses through UW Educational Outreach, www.outreach.washington.edu. Please check with the Department of Architecture to learn about any changes in these requirements or in the quarters courses will be offered.)

ARCH 200	(A) 5 cr Architectural Design and Representation 1
ARCH 231	(SP) 5 cr Making and Craft
ARCH 350	(A) 3 cr Architecture of the Ancient World
ARCH 351	(W) 3 cr Romanesque, Gothic, and Renaissance
ARCH 352	(SP) 3 cr History of Modern Architecture

MAJOR REQUIREMENTS

Courses that begin in the third year include Core courses, Area of Concentration (AOC) selectives, Architecture electives, College of Built Environment electives, and upper division electives.

ARCH 331	(SP) 5cr Energy and Buildings
ARCH 332	(A) 5cr Making and Materials
ARCH 361	(A) 5cr Architectural Studies Colloquium
ARCH 362	(W) 5cr Architecture and Theory
ARCH 468	(W) 3cr Architecture Capstone Preparation
ARCH 469	(SP) 6cr Architecture Capstone
3 AOC selective courses (from approved lists)	
5 Architecture elective courses	
2 College of Built Environment elective courses	
5 upper division elective courses	

BA in Architectural Studies CURRICULUM

Year 1		
Autumn	Winter	Spring
<i>Visual, Literary, Performing Arts (5)</i>	<i>Visual, Literary, Performing Arts (5)</i>	<i>Visual, Literary, Performing Arts (5)</i>
<i>English Composition (W, 5)</i>	<i>Natural World (5)</i>	<i>Natural World (5)</i>
<i>Math (NW, 5)</i>	<i>Individuals and Societies (D, 5)</i>	<i>Individuals and Societies (5)</i>
15 credits	15 credits	15 credits

Year 2		
Autumn	Winter	Spring
350 Arch of the Ancient World (3)	351 Rom, Goth and Ren Arch (3)	352 History of Modern Arch (3)
200 Design and Representation I (5)	<i>Visual, Literary, Performing Arts (5)</i>	231 Making and Craft (5)
<i>Individuals and Societies (5)</i>	<i>Individuals and Societies (5)</i>	<i>Natural World (5)</i>
<i>Areas of Knowledge Elective (3)</i>	<i>Areas of Knowledge Elective (3)</i>	<i>Elective (3)</i>
16 credits	16 credits	16 credits

Year 3		
Autumn	Winter	Spring
361 Arch Studies Colloquium (5)	362 Architecture and Theory (5)	331 Energy and Buildings (5)
332 Making and Materials (5)	<i>Materials and Making Select (3)</i>	<i>History and Theory Selective (3)</i>
<i>Arch Elective (3)</i>	<i>Arch Elective (3)</i>	<i>College Elective (3)</i>
<i>College Elective (3)</i>	<i>Upper Division Elective (5)</i>	<i>Upper Division Elective (5)</i>
16 credits	16 credits	16 credits

Year 4		
Autumn	Winter	Spring
<i>Sustainable Technologies Select (3)</i>	468 Arch Capstone Preparation (3)	469 Arch Capstone (6)
<i>Area of Concentration Selective (3)</i>	<i>Area of Concentration Selective (3)</i>	<i>Area of Concentration Selective (3)</i>
<i>Arch Elective (3)</i>	<i>Arch Elective (3)</i>	<i>Arch Elective (3)</i>
<i>Upper Division Elective (5)</i>	<i>Upper Division Elective (5)</i>	<i>Upper Division Elective (3)</i>
14 credits	14 credits	15 credits

BA in Architectural Studies Concentration: Materials and Making (sample curriculum)

Year 1		
Autumn	Winter	Spring
ART190 Intro to Drawing VLPA (5)	ARCH150 Apprec of Arch VLPA (3)	ME123 Intro Visual/CAD VLPA (6)
English Composition (5)	ESS202 Earthquakes NW (5)	INFO101 Social Networking (5)
Math (5)	CEP200 Introduction to CEP (5)	COM220 Intro to Public Speaking (5)
	Elective (3)	
15 credits	16 credits	16 credits

Year 2		
Autumn	Winter	Spring
350 Arch of the Ancient World (3)	351 Rom, Goth and Ren Arch (3)	352 History of Modern Arch (3)
200 Design and Representation I (5)	201 Design and Representation II (5)	231 Materials and Craft (5)
INFO200 Found of Informatics (5)	ART223 Intro to Glass (5)	FISH101 Water and Society NW (5)
	AOK Elective (3)	Elective (3)
13 credits	16 credits	16 credits

Year 3		
Autumn	Winter	Spring
361 Arch Studies Colloquium (5)	362 Design Theory (5)	331 Energy and Buildings (5)
332 Materials and Making (5)	498 Arch of Mediterranean Cities (3)	535 Daylighting Design Seminar (3)
410 Photo (3)	452 Seattle Architecture (3)	413 Arch Photo Projects (3)
380 Computers in Architecture (3)	481 3D Modeling and Rendering (3)	Upper Division Elective (5)
16 credits	14 credits	16 credits

Year 4		
Autumn	Winter	Spring
LA361 Experience Place (3)	Capstone Prep (3) Arch 468	Capstone (6) Arch 469
498 Revit	498 Intro Digital Design and Fab (3)	485 Digital Craft Workshop (3)
441 Japanese House (3)	Arch/CM404 IDP Collaboration (6)	536 Building re-use seminar (3)
Upper Division Elective (5)	537 Traditional Building Methods (3)	460 Design Theory & Analysis (3)
15 credits	15 credits	15 credits

ARCH

BA in Architectural Studies CURRICULUM History Theory: Rome (sample curriculum)

Year 1		
Autumn	Winter	Spring
Visual, Literary, Performing Arts (5)	Visual, Literary, Performing Arts (5)	Visual, Literary, Performing Arts (5)
English Composition (5)	Natural World (5)	Natural World (5)
Math (5)	Individuals and Societies (5)	251 World Architecture I&S (5)
15 credits	15 credits	15 credits

Year 2		
Autumn	Winter	Spring
350 Arch of the Ancient World (3)	351 Rom, Goth and Renn Arch (3)	352 History of Modern Arch (3)
200 Design and Representation I (5)	415 Arch Sketching (3)	231 Materials and Craft (5)
Individuals and Societies (5)	Visual, Literary, Performing Arts (5)	Natural World (5)
Areas of Knowledge Elective (3)	Areas of Knowledge Elective (3)	Elective (3)
16 credits	14 credits	16 credits

Year 3		
Autumn	Winter	Spring
361 Arch Studies Colloquium (5)	362 Architecture and Theory (5)	331 Energy and Buildings (5)
332 Materials and Making I (5)	457 20 th Century Architecture (3)	Sustainable Tech Selective (3)
410 Photo (3)	498 Intro Digital Design & Fab (3)	485 Digital Craft Workshop (3)
College Elective (3)	Upper Division Elective (5)	Upper Division Elective (5)
16 credits	16 credits	16 credits

Year 4		
Autumn	Winter	Spring
Rome History/Theory Seminar (3)	Capstone Prep (3) Arch 468	Capstone (6) Arch 469
Rome Urban Analysis (3)	452 Seattle Architecture (3)	498 Mod Arch & Critical Present (3)
Rome Drawing (3)	460 Design Theory & Analysis (3)	535 Design with Climate (3)
Rome Studio (6)	Upper Division Elective (5)	430 Materials and Processes (3)
15 credits	14 credits	15 credits

BA in Architectural Studies

Concentration: Sustainable Technologies (sample curriculum)

Year 1		
Autumn	Winter	Spring
ART190 Intro to Drawing VLPA (5)	ARCH150 Apprec of Arch VLPA (3)	ME123 Intro Visual/CAD VLPA (6)
English Composition (5)	ESS202 Earthquakes NW (5)	INFO101 Social Networking (5)
Math (5)	CEP200 Introduction to CEP (5)	COM220 Intro to Public Speaking (5)
	Elective (3)	
15 credits	16 credits	16 credits

Year 2		
Autumn	Winter	Spring
350 Arch of the Ancient World (3)	351 Rom, Goth and Renn Arch (3)	352 History of Modern Arch (3)
200 Design and Representation I (5)	201 Design and Representation II (5)	231 Making and Craft (5)
INFO200 Found of Informatics (5)	ART223 Intro to Glass (5)	FISH101 Water and Society NW (5)
	AOK Elective (3)	Elective (3)
13 credits	16 credits	16 credits

Year 3		
Autumn	Winter	Spring
361 Arch Studies Colloquium (5)	362 Architecture and Theory (5)	331 Energy and Buildings (5)
332 Making and Materials (5)	498 Arch & Mediterranean (3)	535 Daylighting Design Seminar (3)
320 Structures 1 (3)	321 Structures 2 (3)	322 Structures 3
481 3D Modeling and Rendering (3)	434 Color and Light	Upper Division Elective (5)
16 credits	14 credits	16 credits

Year 4		
Autumn	Winter	Spring
LA361 Experience Place (3)	Capstone Prep (3) Arch 468	Capstone (6) Arch 469
498 Electric Lighting Design	498 IDL Seminar (3)	498 Design with Climate (3)
441 Japanese House (3)	Arch/CM404 IDP Collaboration (6)	598 Building re-use seminar (3)
Upper Division Elective (5)	537 Traditional Building Methods (3)	410 Photo (3)
15 credits	15 credits	15 credits

Bachelor of Arts in ARCHITECTURAL STUDIES

AREAS OF CONCENTRATION (AOC)

Each student chooses 9 credits minimum of their chosen area of concentration from the following areas of expertise:

HISTORY AND THEORY

441 Visions of the Japanese House
 442 Africa and Middle East Seminar
 445 South Asian Architecture I
 452 Seattle Architecture
 456 19th Century Architecture
 457 20th Century Architecture
 459 Architecture since 1945
 466 Gender and Architecture
 498 Architecture and Science
 498 Architecture of Mediterranean Cities
 498 Drawing and the Profession of Arch
 498 Modern Arch and The Critical Present
 498 Paris Architecture and Urbanism
 498 Urban Identities & Ethics
 556 Arts and Crafts Movement and its Legacies
 558 Seminar in 20th Century Arch
 559 American Utilitarian Architecture
 560 Architectural Theories Seminar
 561 Urban Design Theory
 598 History & Theory of Historic Preservation

MATERIALS AND MAKING

430 Materials and Processes
 481 3D Modeling and Rendering
 485 Digital Craft Workshop
 498 Intro to Digital Design and Fab
 498 Digital Design for Fab and Const
 498 Revit
 537 Traditional Bldg Methods: New Adaptations
 538 Building Re-Use Seminar

SUSTAINABLE TECHNOLOGIES

434 Color and Light
 435 Principles and Pract of Env Lighting
 436 Building Acoustics
 498 Design with Climate
 498 Electric Lighting Design
 498 Designing with Living Systems
 530 Integrated Building Systems
 531 Active Control Systems
 533 Advanced Environmental Systems
 534 Green Technology
 535 Daylighting Design Seminar
 582 Computational Lighting Design
 598 Sustainable Design Case Studies