

Cover/Signature Page - Abbreviated Template/Abbreviated Template with Curriculum

Institution Submitting Request: University of Utah

Proposed Title: Master of Architecture/Master of Science in Architectural Studies Dual Degree Program

Currently Approved Title: n/a

School or Division or Location: College of Architecture + Planning

Department(s) or Area(s) Location: School of Architecture

Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): Keep current codes for MSAS and MArch

Current Classification of Instructional Programs (CIP) Code (for existing programs):

Proposed Beginning Date (for new programs): 07/01/2015

Institutional Board of Trustees' Approval Date: *MM/DD/YEAR*

Proposal Type (check all that apply):

Regents' General Consent Calendar Items		
<i>R401-5 OCHE Review and Recommendation; Approval on General Consent Calendar</i>		
SECTION NO.		ITEM
5.1.1	<input type="checkbox"/>	Minor*
5.1.2	<input type="checkbox"/>	Emphasis*
5.2.1	<input type="checkbox"/>	(CER P) Certificate of Proficiency*
5.2.3	<input type="checkbox"/>	(GCR) Graduate Certificate*
5.4.1	<input type="checkbox"/>	New Administrative Unit
	<input type="checkbox"/>	Administrative Unit Transfer
	<input type="checkbox"/>	Administrative Unit Restructure
	<input type="checkbox"/>	Administrative Unit Consolidation
5.4.2	<input type="checkbox"/>	Conditional Three-Year Approval for New Centers, Institutes, or Bureaus
5.4.3	<input type="checkbox"/>	New Center
	<input type="checkbox"/>	New Institute
	<input type="checkbox"/>	New Bureau
5.5.1	<input type="checkbox"/>	Out-of-Service Area Delivery of Programs
5.5.2	<input type="checkbox"/>	Program Transfer
	<input type="checkbox"/>	Program Restructure
	<input type="checkbox"/>	Program Consolidation
5.5.3	<input type="checkbox"/>	Name Change of Existing Programs
5.5.4	<input type="checkbox"/>	Program Discontinuation
	<input type="checkbox"/>	Program Suspension
5.5.5	<input type="checkbox"/>	Reinstatement of Previously Suspended Program
	<input type="checkbox"/>	Reinstatement of Previously Suspended Administrative Unit

**Requires "Section V: Program Curriculum" of Abbreviated Template*

Chief Academic Officer (or Designee) Signature:

I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature

Date: *MM/DD/YEAR*

Printed Name: *Name of CAO or Designee*

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

Program Request – Abbreviated Template
University of Utah
Dual Degree: Master of Architecture (M.Arch) and Master of Science in Architectural Studies
8/11/14

SECTION 1: Request

The University of Utah's College of Architecture + Planning requests permission to establish a dual degree program that enables students to earn a Master of Architecture (M.Arch) degree and a Master of Science in Architectural Studies degree simultaneously. If approved, the dual degree program would be available beginning Fall, 2015.

This request is NOT to establish a new degree program. Instead, it seeks to take advantage of complementary intellectual benefit from studying architecture and a focused technical curriculum of architectural studies (e.g., historic preservation, architectural technology, digital representation, construction management, urban design, or history/theory/criticism), in a coordinated program. A student enrolled in the dual degree program would be allowed to earn both degrees in less time and with fewer overall credit requirements than were that student enrolled in each degree program independently.

Students seeking to take advantage of the M.Arch/MSAS program must meet current University of Utah admission standards and be accepted to both degree programs. Upon enrollment, students in the dual degree program may then apply up to 12 credit hours of M.Arch course work towards fulfilling the 36 credit hour requirement of the MSAS degree; and students may count up to 12 credit hours of MSAS course work towards fulfilling the 53-54 credit hour requirement of the M.Arch degree. This option eliminates up to 12 credit hours that would be required for completing the two programs separately. Because of this overall reduction in credit requirements for both degrees, a student enrolled in the dual M.Arch/MSAS degree program can expect to complete the two degrees in approximately 6 semesters of full time study. A student enrolled in the dual degree program must complete all M.Arch and all MSAS requirements before either degree will be awarded.

Upon completion of both programs, the student earns two separate degrees: an M.Arch degree and a MSAS degree awarded by the College of Architecture + Planning.

An example of sequencing of coursework is provided as an attachment to this request.

SECTION II: Need.

The M.Arch. Degree provides a broad preparation of the spectrum of architectural practice while the MSAS degree provides a deeper technical expertise to those seeking a specific focus in their career direction. The M.Arch/MSAS program is designed for those students seeking to combine their broader professional practice and with a specific technical focus. Over their careers, successful practitioners in architecture and related professions (e.g., historic preservation, architectural technology, digital representation, construction management, urban design, or history/theory/criticism) learn much on-the-job about the deeper technical aspects of architecture. The dual degree program is designed to accelerate professional preparation in both architecture and related professions, and provide the platform for quickly understanding how changes in design and technical requirements affect their professional activities.

The dual degree also provides broader employment options both after graduation and over students' careers. Graduates may pursue positions for public (federal, state and local level), private and nonprofit design and/or development agencies. They may also find career work as consultants spanning the spectrum of architecture and its related professions. Students with this dual degree, for example, may design and build a wide range of projects, or advise others on how to best combine design and their specific technical focus interests.

The M.Arch program is one of the oldest (originally established in 1949 as a B.Arch) in the intermountain west and is the only one in Utah. It serves markets in western Colorado, Idaho, Montana, Nevada, eastern Washington, and Wyoming. It averages about 60 full time equivalent students. The MSAS degree (established in 1987) traditionally has had three active tracks (e.g., historic preservation, architectural technology, digital representation) that accepts students whose professional focus interests align with the current faculty research areas. Thirty-four students have completed this program as a standalone degree. While student interest in the MSAS program has been evident at the undergraduate level for the past two decades, students have largely indicated that they want the professionally accredited M.Arch degree which enables them to pursue professional registration as an architect.

In the past decade, an increasing number of students in the M.Arch program have expressed an interest in earning an MSAS degree simultaneously. To accommodate the interest in historic preservation, a multidepartment graduate level certificate in historic preservation, drawn from the MSAS curriculum was created in 2007. By the end of this academic year, 50 students will have completed this certificate. Many of the students in this program have indicated that a dual-degree would have been of interest to them. Conversely, community awareness of the Historic Preservation program has prompted increasing interest from local communities with funding or grant money to seek technical assistance from the College of Architecture + Planning. In the past funding and/or community partnerships have come from the United States Department of the Interior (National Park Service), Salt Lake City Historic Landmarks Commission, Salt Lake City Mayor's Office, Utah Department Community and Economic Development (State Historic Preservation Office), Utah Department of Natural Resources – State Parks, Utah Heritage Foundation, Salt Lake Solutions, University of Utah Housing and Residential Education, University of Utah Sterling Sill Center, Traditional Building Skills Institute at Snow College, Rowland Hall St. Marks School, and the First Presbyterian Church.

Similarly, with the addition of new faculty in the area of architectural technology and the subsequent formation of the Integrated Technology in Architecture Center (ITAC) in 2006, a resurgence in architectural technology research has emerged in the faculty. ITAC has performed over \$2 million dollars of research in the past 8 years. This work has funded 54 student researchers. Sponsorship comes from public and private organizations including: FEMA, DOE, USDA, State of Utah, AIA, AISC, and corporations such as Kennecott Land, 3form and Autodesk. This type of funding will be aligned with strategic MSAS student thesis projects. The MSAS dual degree will allow for greater connections to these partners and others in performing applied research and teaching. The dual degree will align the teaching and research efforts of the school and ITAC to deliver a unique post-professional experience. Students who have completed research work for ITAC have also indicated a formal interest in the opportunity for the dual degree had it been available to them. Currently there are four such students working in ITAC.

Lastly, the dual degree will enhance our visibility in the global community as a post-professional degree program. Design Build Bluff (DBB), our community outreach program that has designed and built housing for low-income families in Salt Lake City and on the Navajo Reservation in Bluff, UT, has attracted an

international audience and has given the College of Architecture + Planning a much needed boost in visibility domestically and abroad. The potential synergies between the dual degree and DBB for research and development of new knowledge contributions to the field are untapped but could similarly serve to boost our enrollment in the College of Architecture + Planning.

Therefore, creation of the dual degree will act as a catalyst for our recruiting efforts at the graduate level for attracting both domestic non-Utah and international students that will bolster our enrollment overall. Students will be able to focus more readily on the specific learning-outcomes they need to meet their career goals. Based on these findings, we anticipate a range of 10-12 students successfully completing the dual degree program annually.

SECTION III: Institutional Impact

Only the M.Arch and MSAS programs would be affected by students pursuing both degrees, but the actual number of dual degree students is expected to be moderate at first. For instance, the current dual MBA/M.Arch program graduates one or two students annually. While we anticipate new domestic and international students being attracted to the University of Utah because of this dual degree option, the long term number will depend on how the program is publicized. The projected impact of students taking courses outside of the College of Architecture + Planning will be nominal at best.

No change in administrative structures is anticipated in the near term. The M.Arch and MSAS programs already exist and can administer dual degree students within existing advising and counseling systems.

Faculty, classroom facilities and equipment already exist to serve the needs of M.Arch and MSAS students.

SECTION IV: Finances

The dual M.Arch/MSAS degree will not impose any new direct financial costs on the institution. However, personnel and faculty in both programs may face a nominal increase in administrative tasks related to admissions, tracking, and student counseling. On the other hand, the combination of new productivity and differential revenue from these students will likely cover those costs especially in light of recent enrollment declines in the School of Architecture which would be offset by the projected new admissions for the dual degree.

Section V: Program Curriculum

Degree Structures M.Arch Requirements

Academic Area	Requirement	Select From	Notes
Studio	3 semesters of course work	6005, 6015, 6016 <i>repeatable</i>	6015 must be taken in Fall of 1st year
Communications	1 semester of course work	6050, 6051, 6052, 6053, 6054, 6057 Includes computer graphics	Includes computer graphics
Structures	1 semester of course work	6300(1.5), 6301(1.5), 6302(1.5), 6303(1.5)	
Technology	1 semester of course work	6340, 6352, 6353, 6360(1.5), 6370, 6570	
History, Theory & Criticism	2 semesters of course work	6200, 6203, 6205, 6212, 6214, 6229(1.5), 6230, 6231, 6232, 6233, 6234, 6235, 6239, 6261(1.5), 6270; 6271; 6272; 6273; 6275	
Professional Practice	All 4 sessions are required	6700(1.5), 6701(1.5), 6702(1.5), 6720(1.5)	Must be taken in last year of program
<i>Electives</i>	12 credit hours	Graduate Level Class	6000 + in any academic program
Master's Project	1 semester	6971	Taken in Final Semester

Credits highlighted in **bold** could be up to 12 credits **from** the MSAS core (Introductory Seminar, Research Methods, & Master's Project) curriculum applied to the M.Arch degree. All other courses are required for the M.Arch.

MSAS Academic Area Requirements

Academic Area	Requirement	Select From	Notes
Introductory Seminar	3 credit hours	6500	Must be taken in Fall of 1st year. Actual course number may vary by track
Research Methods	3 credit hours	6535 or similar	Consultation with program director required
<i>Content & Methods (C&M)</i>	15-18 credit hours	6120, 6230, 6236, 6237, 6239, 6340, 6352, 6353, 6360(1.5), 6370, 6353, 6570, 6581	May also include courses from Architecture or City & Metropolitan Planning as appropriate to track focus; Studio courses may be applied only if student has a prior architectural degree (B.Arch, M.Arch)
Cognates	6-9 credit hours	6770, 6955, 6965	May also include courses from other graduate programs (course numbers 6000 or higher)
Master's Project	6 credit hours	6975	Capstone experience at end of program

Credits highlighted in **bold** could be up to 12 credits **from** the M.Arch non-studio core curriculum (Communications, Structures, Technology, and History Theory Criticism) applied to the M.Arch degree. All other courses are required for the MSAS.

Model M.Arch/MSAS Schedule

YEAR 1

<u>Fall</u>	<u>Credits</u>	
Studio	5-6	
Communications		3
MSAS Introductory Seminar	3	
HTC	<u>3</u>	
Subtotal		14-15

<u>Spring</u>	<u>Credits</u>	
Studio	5	
HTC or Technology	3	
MSAS C&M/Cognates	<u>3</u>	
Subtotal		11

YEAR 2

<u>Fall</u>	<u>Credits</u>	
Studio	5	
Structures	3	
MSAS C&M/Cognate	3	
Pro Practice	<u>3</u>	
Subtotal		14

<u>Spring</u>	<u>Credits</u>	
M.Arch Project	5	
HTC or Technology	3	
Pro Practice	3	
MSAS C&M/Cognate	3	
Subtotal		14

YEAR 3

<u>Fall</u>	<u>Credits</u>	
MSAS Research Methods		3
MSAS C&M/Cognate	3	
MSAS C&M/Cognate	3	
MSAS C&M/Cognate	<u>3</u>	
Subtotal		12

<u>Spring</u>	<u>Credits</u>	
MSAS Project	6	
MSAS C&M/Cognate	3	

MSAS C&M/Cognate	<u>3</u>	
Subtotal		12

Total M.Arch/MSAS Dual Degree 77-78 Credits

Depending on the individual student situation, YEAR 2 and YEAR 3 could be swapped to allow for the research aspect of the MSAS to be completed prior to beginning of the M.Arch Project.

June 24, 2014

David Kieda, Dean
Graduate School
University of Utah
201 S. Presidents Circle Room 302
Salt Lake City, UT 84112

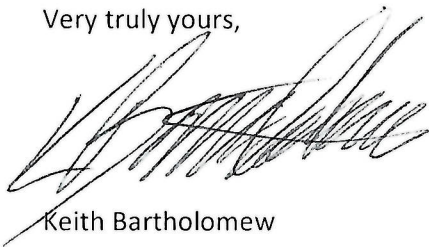
Re: Master of Architecture/Master of Science in Architectural Studies Dual Degree

Dear Dean Kieda,

I write in support of the proposed dual degree program that would weave together our college's professional degree in architecture (the MArch) with our architecturally oriented research degree (the MSAS). As stated in the need section of the proposal, the program is designed to accelerate professional preparation in the inter-related fields of architectural design and architecturally related technical fields, such as historic preservation, architectural technology, digital representation, and construction management. The program will provide a platform for understanding how changes in architecture and technology affect professional practice and will afford broader employment options to those completing the program both after graduation and over their careers.

This proposal has been approved by the faculty of the School of Architecture and the CA+P College Council and we are eager to move forward with the program. Thank you for your consideration and assistance.

Very truly yours,



Keith Bartholomew
Interim Dean