

# Program Change Request

Date Submitted: 01/28/19 11:13 am

 Viewing: **BAC-ARCH/MS-ARC1 : Bachelor of Architecture/Master of Science in Arch**

Last approved: 10/26/17 2:46 pm

Last edit: 01/29/19 12:42 pm

Changes proposed by: skeller1

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Origination Date	<b>2019-1-28</b> <del>2017-10-26</del>			
Is this an interdisciplinary program?	No			
Academic Unit	College of Architecture	College	College of Architecture	
Program Title	Bachelor of Architecture/Master of Science in Architecture			
Effective Academic Year	<b>2019 - 2020</b>	Effective Term	Fall 2019	
Academic Level	Undergraduate			
Program Type	Co-Terminal Degree			
Degree Type	Professional Bachelor's/Master of Science (BACMS)			
CIP Code	04.0201 - Architecture.			
Is there more than one Academic Unit proposer?				
Second CIP	04.0201 - Architecture.			
Program Code	BAC-ARCH/MS-ARC1			
Program Attribute				
Total Program Credit Hours	193			
Please provide a summary and rationale for the requested program revision.	<b>These changes parallel proposed revisions to the MS ARCH program. Please see that proposal for complete details. Changes to this co-terminal program will be needed to keep this program synchronized with the revised MS ARCH curriculum. Two additional changes to the BARCH portion of the curriculum are included in order to synchronize this co-terminal curriculum with recently approved changes to the BARCH curriculum (removal of ARCH 208 and addition of ARCH 215 as requirements).</b>			

## Program Narrative and Justification

Narrative description of how the institution determined the need for the program. For example, describe what need this program will address and how the institution became a new program(s) and provide details describing the benefits of the new program(s). If the program will be offered in connection with, or in response to, an initiative by a government...

Narrative description of how the program was designed to meet local market needs, or for an online program, regional or national market needs. For example, indicate if Bureau of Labor Statistics were consulted. Include how the course content, program length, academic level, admission requirements, and prerequisites were decided; including information received from...

Narrative description of any wage analysis the institution may have performed, including any consideration of Bureau of Labor Statistics wage data related to the new program...

Narrative description of how the program was reviewed or approved by, or developed in conjunction with, one or more of the following: a) business advisory committees; b) professional organizations and accrediting agency); and d) businesses that would likely employ graduates of the program. For example, describe the steps taken to develop the program, identify when an approval process used to evaluate the program.

What are the enrollment estimates?

Year 1                                  Year 2                                  Year 3

Attach Additional Program Justification Document(s)

## Academic Information

### Advising

Since quality advising is a key component of good retention, graduation, and career placement, how will students be mentored? What student professional organizations will be involved?

### Program Resources

Which program resources are necessary to offer this program?

### Proposed Bulletin Entry

Admission Requirements

Course Requirements

Course List

Code	Title
Architecture Requirements	
<a href="#">ARCH 100</a>	Introduction to Architecture
<a href="#">ARCH 107</a>	Design Communications I
<a href="#">ARCH 108</a>	Design Communications II
<a href="#">ARCH 113</a>	Arch Studio I: Elements
<a href="#">ARCH 114</a>	Architecture Studio II: Unit
<a href="#">ARCH 201</a>	Architecture Studio III: House
<a href="#">ARCH 202</a>	Arch Studio IV: Multiple
<a href="#">ARCH 207</a>	Design Communications III
<del><a href="#">ARCH 208</a></del>	<del>Design Communications IV</del>
<b><a href="#">ARCH 215</a></b>	<b>Site Design, Plan, &amp; Ecology</b>
<a href="#">ARCH 305</a>	Architecture Studio V: Hybrid
<a href="#">ARCH 306</a>	Arch Studio VI: Neighborhood
<a href="#">ARCH 413</a>	Architectural Practice
<a href="#">ARCH 417</a>	Arch Studio VII: Institution
<a href="#">ARCH 418</a>	Arch Studio VIII: Institution
<a href="#">ARCH 419</a>	Arch Cloud Studio IX: Metro
<del><a href="#">ARCH 420</a></del>	<del>Arch Cloud Studio X: Metro</del>

[ARCH 420](#)  
Building Science and Structural Requirements

Arch Cloud Studio X: Metro  
Systems: Structural Analysis  
Material: Metal

[ARCH 230](#)

[ARCH 334](#)

[ARCH 335](#)

[ARCH 403](#)

[ARCH 404](#)

[ARCH 482](#)

or [ARCH 483](#)

[ARCH 588](#)

[ARCH 589](#)

Material: Cementitious  
Environment & Bldg Systems I  
Environment & Bldg Systems II  
Material: Fibrous  
Material: Transparent  
~~Thesis Preparation Seminar~~  
~~Pre-Thesis Seminar~~

Art and Architectural History Requirements

[AAH 119](#)

[AAH 120](#)

[ARCH 321](#)

Hist of World Architecture I  
Hist of World Architecture II  
Contemporary Architecture

Architectural History Elective

Select three credit hours

Architecture and Urbanism Requirements

[AURB 201](#)

[AURB 465](#)

The Metropolis  
Contemporary Urbanism

Architecture Electives

~~Select 24 credit hours~~

**Select 12 credit hours**

Mathematics Requirements

[MATH 119](#)

[MATH 122](#)

Geometry for Architects  
Introduction to Calculus

Physics Requirement

[PHYS 200](#)

Energy, Waves, Mtrls, & Forces

Humanities and Social Science Requirements

[See IIT Core Curriculum, sections B and C](#)

Interprofessional Projects (IPRO)

[See IIT Core Curriculum, section E](#)

Non-Architecture Elective

Select three credit hours 1

Master's Program

~~ARCH 691~~

[ARCH 601](#)

[ARCH 594](#)

[ARCH 593](#)

~~Doctoral Research~~  
**Doctoral Methodology Pre-Semin**  
**Research Problems (Master's project prep)**  
**Master's Project**

**Master's Program Electives (400+ level) 2**

Total Credit Hours

**1 A non-architecture elective cannot be an AAH, ARCH, AURB, LA, or CAE course.**

**2 Students may choose 400-level or above ARCH, AURB, or LA courses. These electives may include up to two studio courses (typically six credits each). 40**

Sample  
Curriculum/Program  
Requirements

			Year 1
Semester 1	Credit Hours	Semester 2	Credit Hours
<a href="#">ARCH 113</a>	6	<a href="#">ARCH 114</a>	6
<a href="#">ARCH 100</a>	3	<a href="#">ARCH 108</a>	3
<a href="#">ARCH 107</a>	3	<a href="#">MATH 122</a>	3
<a href="#">MATH 119</a>	3	<a href="#">AURB 201</a>	3
Humanities 200-level Course	3		
	18		15

			Year 2
Semester 1	Credit Hours	Semester 2	Credit Hours
<a href="#">ARCH 201</a>	6	<a href="#">ARCH 202</a>	6
<a href="#">ARCH 207</a>	3	<del>ARCH 208</del>	<del>3</del>
<a href="#">AAH 119</a>	3	<a href="#">ARCH 215</a>	<b>3</b>
<a href="#">PHYS 200</a>	4	<a href="#">ARCH 230</a>	3
		<a href="#">AAH 120</a>	3
		Humanities or Social Sciences Elective	3
	16		18

			Year 3
Semester 1	Credit Hours	Semester 2	Credit Hours
<a href="#">ARCH 305</a>	6	<a href="#">ARCH 306</a>	6
<a href="#">ARCH 334</a>	3	<a href="#">ARCH 321</a>	3
<a href="#">ARCH 403</a>	3	<a href="#">ARCH 335</a>	3
<a href="#">AURB 465</a>	3	<a href="#">ARCH 404</a>	3

Social Sciences Elective	3	Humanities Elective (300+)	3
	18		18
Year 4			
Semester 1	Credit Hours	Semester 2	Credit Hours
<a href="#">ARCH 417</a>	6	<a href="#">ARCH 418</a>	6
<a href="#">ARCH 482</a> or <a href="#">483</a>	3	<a href="#">ARCH 413</a>	3
Architecture Elective	3	IPRO Elective I	3
Architectural History Elective	3	Architecture Elective	3
Social Sciences Elective (300+)	3	Non-Architectural Elective1	3
	18		18

Year 5			
Semester 1	Credit Hours	Semester 2	Credit Hours
<a href="#">ARCH 419</a> (shared as MS elective)	6	<a href="#">ARCH 420</a>	6
<del>ARCH 588</del>	<del>3</del>	<del>ARCH 589</del>	<del>3</del>
<b><a href="#">ARCH 601</a> (shared as BARCH elective)</b>	<b>3</b>	Architecture Elective	3
IPRO Elective II	3	<a href="#">Architecture Elective (MS)*</a>	<b>3</b>
Architecture Elective	3	<b>Architecture Elective (MS)*</b>	<b>3</b>
	15		15

Total Credit Hours: 169

Year 1			
Semester 1	Credit Hours	Semester 2	Credit Hours
<del>Architecture Elective (MS)</del>	<del>3</del>	<del>ARCH 591</del>	<del>3</del>
<del>ARCH 591</del>	<del>6</del>	<b><a href="#">ARCH 593</a></b>	<b>5</b>
<b><a href="#">ARCH 594</a> (Master's project prep)</b>	<b>3</b>	Humanities Elective (300+)	3
Social Sciences Elective (300+)	3	<a href="#">Architecture Elective (MS)*</a>	<b>3</b>
<b>Architecture Elective (MS)*</b>	<b>6</b>	<del>Architecture Elective (MS)</del>	<del>3</del>
	12		11

Total Credit Hours: 23

**\*Students may choose 400-level or above ARCH, AURB, or LA courses. These electives may include up to 2 studio courses (typically 6 credits each). 400-level [Note: These two grids should be combined into a single six year curriculum.]**

Specialization  
Requirements

**See BARCH curriculum for Specialization Requirements.**

## Program Outcomes and Assessment Process

What are the learning goals for this program?

In what semesters will the data be collected to assess this learning goal, and by whom?

Provide the name of the rubric that will be used to assess the extent to which students are achieving this learning goal.

How often and by whom will the data be analyzed? What benchmarks or targets will be used to interpret your results?

Briefly describe the process that will be used to share the results with faculty and use these to motivate program improvement.

## Co-Terminal Degree Requirements

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### Undergraduate Degree Requirements

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Minimum credit hours 193

Specialization required? No

Minor required? No

Required minimum GPA for admission 3.00

Number of shared credit hours allowed. 9

Which courses may be shared?

Course List

Code	Title
<a href="#">ARCH 419</a>	Arch Cloud Studio IX: Metro
<del><a href="#">ARCH 588</a></del>	<del>Thesis Preparation Seminar</del>
<a href="#">ARCH 601</a>	<b>Doctoral Methodology Pre-Semin</b>

Total Credit Hours

### Proposed General Curriculum

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List Major Course Requirements

List Mathematics Requirements

List Science Requirements

List Computer Science Requirements

List Humanities and Social Sciences Requirements

List Interprofessional Project (IPRO) Requirements

List Technical Elective Course Options

List Free Elective Credit Hours (if applicable)

Semester-by-semester plan of study for the degree program

### Master of Science (M.S.) Degree

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Minimum credit hours 193

400-level credit hour limit? Yes How many hours allowed? 12

500-600-level credit hour limits: Minimum: 21 Maximum: 26

700-level credit hour maximum: 6

Thesis required? ~~Yes~~  
**No**

Comprehensive exam required? **No**

Project course required? **Yes**

List specific details about the project option **The master's project will be delivered in a format appropriate to the student's area of research. For technical or historical topics, this will take the form of an article-length paper, of publishable quality. For studio-centered projects, the Master's Project may take the form of an exhibition with accompanying catalog. The master's project must be approved by a committee made up of at least two Cat. 1 faculty in the College of Architecture.**

Project report/review required? **Yes**

Project course credit hours Minimum 5 Maximum 5 Course Number **ARCH 593**

Seminar/Colloquium required? **Not Required**

Required Specialization? No

List Core Course Requirements

List Elective Course Options

Report to Faculty Council

Reviewer Comments











