

**DEGREE/PROGRAM CHANGE
FORM C
Form Number: C1554**

Fields marked with * are required

Name of Initiator: John David Quale **Email:** quale@unm.edu **Phone Number:** 505 277-1199 **Date:** 11-03-2014

Associated Forms exist? Yes Initiator's Title Professor: SAAP Architecture Program
Faculty Contact John Quale Administrative Contact John Quale
Department Architecture Admin Email quale@unm.edu
Branch Admin Phone 505-277-1199

Proposed effective term

Semester Summer Year 2015

Course Information

Select Appropriate Program Graduate Degree Program
Name of New or Existing Program Master of Architecture, MArch
Select Category Major Degree Type Masters
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[3.5 yr curriculum-current&proposed.pdf](#)

Does this change affect other departmental program/branch campuses? If yes, indicate below.

Reason(s) for Request (enter text below or upload a doc/pdf file)

To improve our Master of Architecture (MArch) curriculum, and offer more flexibility to students.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[FormC - MArch 3.5.pdf](#)

Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

3.5 Year Master of Architecture - CURRENT VERSION

Required Courses and Electives - Typical Sequence

Summer

ARCH 503	Graduate Architectural Design I	Su	5
ARCH 515	Graduate Architectural Communications I	Su	2
ARCH 532	Structures I	Su	3
Total			10

First Year

ARCH 504	Graduate Architectural Design II	Fa	5
ARCH 521	Architectural Analysis	Fa	3
ARCH 531	Graduate Construction I	Fa	3
ARCH 533	Structures II	Fa	3
ARCH 541	Sustainability II	Fa	3
ARCH 505	Graduate Studio III	Sp	5
ARCH 516	Grad. Architectural Communications II	Sp	2
ARCH 522	Modern and Contemporary Architecture	Sp	3
ARCH 534	Building Systems	Sp	3
ARCH 542	Architectural Programming and Human Factors	Sp	3
Total			33

Graduate Review 1

Second Year

ARCH 601	Masters Architectural Design I	Fa	6
ARCH 517	Graduate Architectural Communications III	Fa	2
ARCH 523	World Architecture I	Fa	3
ARCH 631	Systems Integration I	Fa	3
LA 556	Site/Environment	Fa	3
ARCH 602	Masters Architectural Design II	Sp	6
-or-			
ARCH 603	Masters Architectural Design III	Su	6
ARCH 524	World Architecture II	Sp	3
ARCH 551	Research Methodology	Sp	3
ARCH 632	Systems Integration II	Sp	3
Total			32

Graduate Review 2

Third Year

ARCH 604*	Masters Architectural Design IV	Fa	6
-and-			
ARCH 605	Masters Architectural Design V	Sp	6
-or-			
ARCH 596*	Project/Thesis Preparation	Fa	3
-and-			
ARCH 597	Master's Project	Sp	6
-or-			
ARCH 596*	Project/Thesis Preparation	Fa	6
-and-			
ARCH 599	Master's Thesis	Sp	6
ARCH 651	Professional Practice II	Fa	3

Architectural Electives 12

Total 27

Grand Total 102

Grand Total Project 105

Grand Total Thesis 108

3.5 Year Master of Architecture - PROPOSED CHANGES

Required Courses and Electives - Typical Sequence

Summer

ARCH 503	Graduate Architectural Design I	Su	6
ARCH 515	Graduate Architectural Visualization	Su	1
ARCH 532	Structures I	Su	3
Total			10

First Year

ARCH 504	Graduate Architectural Design II	Fa	6
ARCH 521	Architectural Analysis	Fa	3
ARCH 531	Graduate Construction I	Fa	3
ARCH 533	Structures II	Fa	3
ARCH 541	Sustainability II	Fa	3
ARCH 505	Graduate Architectural Design III	Sp	6
ARCH 671	Architectural Visualization	Sp	1
ARCH 534	Building Systems	Sp	3
ARCH 542	Architectural Programming and Human Factors	Sp	3
Total			31

Graduate Review 1

Second Year

ARCH 601	Masters Architectural Design I	Fa	6
ARCH 517	Graduate Architectural Communications	Fa	2
ARCH 523	World Architecture I	Fa	3
ARCH 631	Systems Integration I	Fa	3
LA 556	Site/Environment	Fa	3
ARCH 602	Masters Architectural Design II	Sp	6
-or-			
ARCH 603	Masters Architectural Design III	Su	6
ARCH 524	World Architecture II	Sp	3
ARCH 551	Research Methodology	Sp	3
ARCH 632	Systems Integration II	Sp	3
Total			32

Graduate Review 2

Third Year

ARCH 604*	Masters Architectural Design IV	Fa	6
-and-			
ARCH 605	Masters Architectural Design V	Sp	6
-or-			
ARCH 596*	Project/Thesis Preparation	Fa	3
-and-			
ARCH 597	Master's Project	Sp	6
-or-			
ARCH 596*	Project/Thesis Preparation	Fa	6
-and-			
ARCH 599	Master's Thesis	Sp	6
ARCH 651	Professional Practice II	Fa	3

9 credits in Architectural Electives; 3 credits of them required in Architectural History or Theory 12

Total 24

Grand Total 97

Grand Total Project 103

Grand Total Thesis 106

**Proposed Modifications to Visualization Curriculum; History Requirement
MASTER OF ARCHITECTURE (MArch), NAAB ACCREDITED, 3.5 YEAR TRACK**

SEE CHART WITH REVISIONS TO CURRICULUM ATTACHED BELOW

We want to continue to improve the curriculum of 3.5 year Master of Architecture (MArch) program, which is accredited by the National Architectural Accreditation Board (NAAB). The target audience for this track of the MArch degree is individuals with little or no exposure to architecture in their undergraduate degree. Prospective students have many options to choose from nationally, and we want to make changes to ensure the program becomes more appealing to applicants. The request is broken into two categories: 1) a more integrated strategy related to visualization content, and 2) an opportunity for more advanced content in architectural history and theory. We expect to continue to reassess the MArch curriculum during the 2014-15 academic year, and will likely propose additional adjustments a year from now.

Visualization Curriculum

In the 500 level studios, we would like to integrate graphic communication (or visualization) course work into the ARCH 503, 504 and 505 Graduate Architectural Design I, II, and III. We will add one credit to each of those studios. UNM students have clearly expressed that they want the content of these courses to be more related to their studio, and the faculty agree with this concern.

For the ARCH 503 studio, the one additional credit will come from the two credit Architectural Communication classes -- ARCH 515, which will be renamed Graduate Architectural Visualization, and become a one credit course. For the ARCH 504 studio, we have simply increased the credit hours to six. The ARCH 505 studio will also increase to six credits. In addition, an elective visualization course will be created -- ARCH 471 / 671 Architectural Visualization (see the associated Form A and Form B submissions). In ARCH 671, students will choose from a variety of short courses on specific skills.

ARCH 517, the Graduate Architectural Communications III class, will keep the same content that includes both writing and visualization content, hence retaining the word 'communications' in the course title. However, the Form A requests the "III" be dropped because it will be only course with that title.

Architectural History Requirement

The current description for ARCH 524 World Architecture II includes the content for that has in the recent past been taught in ARCH 522 Modern and Contemporary Architecture. We propose to adjust the content for ARCH 524 to align with the current description. If this is approved, we propose eliminating ARCH 522 Modern and Contemporary Architecture, and replacing it with an architectural history and architectural theory course elective requirement.

Justification

The net outcome of these changes is to reduce the credit hours for the MArch by two credits (see chart below).

Regarding the Visualization Curriculum, we are already in the process of developing and offering a set of one or two credit elective courses that take on sketching, graphics, fabrication, portfolio development, photography, software training, etc. In fact three of these courses are being tested during the January 2015 intersession: Architectural Portfolio; Work Flow and REVIT. Each of these courses were specifically requested by students. This provides students

with the opportunity to direct the focus of their visualization expertise. This is a strategy used at many universities across the country, and it has proven to be popular with architecture students. Access to useful and relevant visualization coursework was the most consistent concern and/or complaint expressed by both graduate and undergraduate students. The articulation of this concern emerged from numerous meetings and conversations with various groups of students this semester. Students want the content of these courses to be relevant to the studio content.

In addition, with many visualization skills, it is difficult find a faculty member to teach a wide range of them, especially when it comes to specialized software. This allows us to break some courses into smaller chunks that can be taught by the best-qualified person, and also give us the opportunity to teach these shorter courses during the intersessions.

As for the change to the Architectural History requirement, we are more accurately following the course description for an existing course, and at the same time, giving graduate students the opportunity to select their own architectural history or theory elective. By changing a survey course requirement to a seminar style course, the teaching method will be more appropriate for graduate students.

Impact on long-range planning

These changes should make our 3.5 year Master of Architecture program more appealing to prospective students thereby increasing our overall applicant pool in terms of numbers and quality. The change should also aid in our recruitment efforts and increase our competitiveness with peer institutions.

Budget Analysis

This change will not impact the program's budget.

Faculty Workload Implications

There are no new implications on faculty workload with this curriculum change. It allows our architectural history faculty to teach more advanced classes, in their area of research.

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