MEMORANDUM

TO:        David Cronrath
            Dean, School of Architecture, Planning and Preservation

FROM:    Elizabeth Beise
            Associate Provost for Academic Planning and Programs

SUBJECT: Proposal to Modify the Master of Architecture (PCC log no. 15006)

At its meeting on October 2, 2015, the Senate Committee on Programs, Curricula and Courses approved the proposal to modify the Master of Architecture. A copy of the proposal is attached.

The change is effective Spring 2016. Please ensure that the change is fully described in the Graduate Catalog and in all relevant descriptive materials.

MDC/
Enclosure

cc:    Andrew Harris, Chair, Senate PCC Committee
       Barbara Gill, Office of Enrollment Management
       Reka Montfort, University Senate
       Erin Taylor, Division of Information Technology
       Pam Phillips, Institutional Research, Planning & Assessment
       Anne Turkos, University Archives
       Linda Yokoi, Office of the Registrar
       Alex Chen, Graduate School
       Michael Ambrose, School of Architecture
       Brian Kelly, School of Architecture
College/School: School of Architecture, Planning and Preservation
Please also add College/School Unit Code-First 8 digits: 01202600
Unit Codes can be found at: https://hyperion.umd.edu/reports/units.htm

Department/Program: Architecture Program
Please also add Department/Program Unit Code-Last 7 digits: 1260105

Type of Action (choose one):
X Curriculum change (including informal specializations)    ☐ New academic degree/award program
☐ Curriculum change for an LEP Program    ☐ New Professional Studies award iteration
☐ Renaming of program or formal Area of Concentration    ☐ New Minor
☐ Addition/deletion of formal Area of Concentration    ☐ Request to create an online version of an existing program
☐ Suspend/delete program

Italics indicate that the proposed program action must be presented to the full University Senate for consideration.

Summary of Proposed Action:
Master of Architecture revised curriculum.

This proposal represents minor curricular revisions of the Master of Architecture curricula. The proposal is a response to the undergraduate degree changes made in spring 2015 to the existing Bachelor of Science in Architecture degree track, and the creation of the Bachelor of Arts in Architecture degree path.

We envisage the proposed modifications to the Master of Architecture degree paths to be consistent with the intent of pre-professional education, which ultimately leads toward an accredited professional degree at the Masters level. The proposed revisions reflect the changes to the technology and history course sequences.

Departmental/Unit Contact Person for Proposal: Brian Kelly bkelly@umd.edu & Michael Ambrose ambrosem@umd.edu

APPROVAL SIGNATURES - Please print name, sign, and date. Use additional lines for multi-unit programs.

1. Department Committee Chair
   Michael Ambrose
   8/24/2015

2. Department Chair
   Brian Kelly
   8/27/2015

3. College/School PCC Chair
   Michael Ambrose
   8/24/2015

4. Dean
   David Gaunt
   8/25/2015

5. Dean of the Graduate School (if required)
   10/15/15

6. Chair, Senate PCC
   Andrew Harris
   10/15/15

7. University Senate Chair (if required)
   Eliza Beine
   10/15/15

8. Senior Vice President and Provost
Master of Architecture

University of Maryland, College Park

Contacts:

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The Master of Architecture Degree in the Context of Specialized Accreditation:
This document contains changes to the Master of Architecture program, which is an accredited professional degree. In the United States, most 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 professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture.

The accredited degree offered at the University of Maryland is the Master of Architecture degree. The School of Architecture, Planning, and Preservation (SAPP) offers two articulated tracks toward the Master of Architecture degree:

Path A is a four-semester, 60 credit, “Advanced Standing” degree track that enrolls qualified applicants who have completed the Bachelor of Science in Architecture degree. This track dovetails with the undergraduate architecture degree program offered in SAPP. Students who successfully complete the Bachelor of Science Architecture at the University of Maryland, or applicants from other institutions that offer the same degree, may compete for admission and ultimately receive advanced standing in the University of Maryland’s Master of Architecture program. The Bachelor of Science in Architecture, when combined with the Master of Architecture degree, forms a component of the educational process required in the path toward licensure of architects.

Path B is a seven-semester, 109 credit, program designed for applicants who hold minimally a baccalaureate in a field other than architecture. Upon successful completion of the degree requirements, students enrolled in this track receive the Master of Architecture degree.

Graduates of both tracks must then complete a period of paid-internship (generally three years) under the direction of a licensed architect and successfully pass the Architect Registration Exam, which entitles individuals to practice and use the title Architect. Most graduates of the Master of Architecture program are employed in the private sector.

Overview of the Proposed Changes to the Master of Architecture Curriculum:
The proposed changes in this document pertain to the Path B degree track. The Path A degree track remains substantially unchanged.

In the spring of 2015, the Architecture Program Curriculum Committee received approval from the SAPP and University PCC to make changes to the Bachelor of Science in Architecture curriculum in two areas that had significant impact on the Master of Architecture Path B track.

1. Architecture Technology Course Sequence: Changes to the architecture technology sequence, were approved in 2015 permitting the Architecture Program to offer a sequence of courses that more readily mirrored coursework offered at peer institutions. The move to eliminate the four four-credit Architecture Technology I-IV courses and replace these courses with five three-credit courses makes SAPP more competitive with its peer institutions and allows students to complete undergraduate degree requirements at one institution while receiving advanced standing in at their graduate institution. Simply put, the old four course Technology sequence was confusing to our peers and often resulted in University of Maryland students finding it difficult to gain advanced standing for technology coursework at graduate institutions. Likewise, because the four four-credit courses were unique to Maryland, determining advanced standing for M ARCH applicants who completed their BS at another institution was difficult and became an obstacle in successfully recruiting talent from our peers.

Students in the Bachelor of Science in Architecture program and students in the Path B Master of Architecture program have historically enrolled in the same architecture technology courses, which have operated under the assumption that the NAAB requires the same level of student performance regardless of whether a student is an undergraduate or graduate.

This proposal eliminates the old ARCH 410, 411, 412, and 413 architecture technology sequence and replaces it with five courses numbered ARCH 462-466, which respectively are named, Methods and Materials,
Sustainable Systems, Structures I, Structures II, and Building Systems. This nomenclature and course content is consistent with University of Maryland’s peers and will permit greater clarity in the determination of advanced standing.

### Old Technology Course Sequence

<table>
<thead>
<tr>
<th>ARCH Technologies</th>
<th>Sequence Approved Spring 2015</th>
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<tbody>
<tr>
<td>ARCH 410 4</td>
<td>ARCH 462 3</td>
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<tr>
<td>ARCH 411 4</td>
<td>ARCH 463 3</td>
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<td>ARCH 412 4</td>
<td>ARCH 464 3</td>
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<td>ARCH 413 4</td>
<td>ARCH 465 3</td>
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<td>ARCH 466 3</td>
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</tbody>
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**Figure 1 Diagram of Technology Sequence Courses**

Advanced standing is not limited to applicants to the Path A program, many applicants, particularly those who have completed a liberal arts based architecture education (namely the B A degree) often have completed courses in Building Methods and Materials, Structures, or some other area of technology. The ability to grant some limited advanced standing in the Path B program makes us more competitive with other institutions.

2. **Clarification of History and Global Culture Requirement:** Since the inception of the Path B program in the 1990s, there has been considerable ambiguity concerning the intended content of two foundation courses, ARCH 426 Fundamentals of Architecture, and ARCH 427 Theories of Architecture. This proposal seeks to address the need for students of architecture to have a grounding in the history of their discipline. The NAAB requires students demonstrate an “understanding of the parallel and divergent histories of architecture and the cultural norms of a variety of indigenous, vernacular, local, and regional settings in terms of their political, economic, social, ecological, and technological factors.” (NAAB SPC A.8) Currently ARCH 426 and 427 work at cross-purposes to this requirement, which is essentially best satisfied as survey courses in the History of World Architecture.

This proposal seeks to building on the establishment at the undergraduate level of the two-course sequence in History of World Architecture (ARCH 225 & 226), which was approved by the PCC in 2015. ARCH 425 and 426 would be the graduate level version of these survey courses.

<table>
<thead>
<tr>
<th>Existing</th>
<th>Proposed</th>
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<tbody>
<tr>
<td>ARCH 426 Fundamentals of Architecture (3)</td>
<td>ARCH 425 History of World Architecture I (3)</td>
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<tr>
<td>ARCH 427 Theories of Architecture (3)</td>
<td>ARCH 426 History of World Architecture II (3)</td>
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Students in ARCH 425 and 426 will follow the sequence of lectures in ARCH 225 and 226, but will be given additional readings, writing assignments, and recitation sessions with the faculty member teaching the course. This will ensure that graduate students have an overview of the history of world architecture that is commensurate with students in the Path A track who will have taken ARCH 225 and 226 as part of their undergraduate degree requirements.
Figure 2 Diagram of Existing Path B Master of Architecture Curriculum
<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
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<td>ARCH 404</td>
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<td>ARCH 464</td>
<td>ARCH 465</td>
<td>ARCH 611</td>
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<td>Year 3</td>
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<td>ARCH 445</td>
<td>ARCH 466</td>
<td>ARCH 467</td>
<td>ARCH 622</td>
<td>ARCH 6xx</td>
<td>ARCH 777 Professional Practice</td>
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<td>Visual Communication</td>
<td>Visual Analysis</td>
<td>Building Systems</td>
<td>Site Analysis &amp; Design</td>
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<td>Elective</td>
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<td>Year 3.5</td>
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<td>ARCH 654</td>
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Figure 3 Diagram of Proposed Path B Master of Architecture Curriculum