THE OHIO STATE UNIVERSITY

College of Engineering

Undergraduate Education & Student Services

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Memo

To: Randy Smith, Vice Provost for Academic Programs
From: Rosie Quinzon-Bonello, Assistant Dean for Curriculum and Assessment
Date: April 6, 2023
Re: Informational Item – Knowlton School of Architecture BS in Architecture Program Revision

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On April 28, 2023, the College of Engineering Committee for Academic Affairs supported and recorded, as an informational item, the following minor revisions to KSA's BSc in Architecture program:

- Course title change in four ARCH major courses
- Reduction of the overall number of degree credit hours from 121 to 120 via the reduction of one credit hour in *ARCH 5710: Structures 1*.

Attached is the proposal for CAA's consideration.

Yours sincerely,

Rosie Quinzon-Bonello

April 6, 2023

Rosario Quinzon-Bonello
Hitchcock Hall
2070 Neil Avenue
Columbus, OH 43210

RE: Program Change for the Bachelor of Architecture Program

Dear Assistant Dean Quinzon-Bonello,

On behalf of the Knowlton School's Architecture Undergraduate Program, I am pleased to submit the following curriculum revision requests. This letter serves to outline the details and reasoning behind those changes.

Our curriculum revisions have been informed by faculty engagement and research on peer programs at other institutions. These changes were approved in the Architecture faculty meetings on February 20, 2023, and March 20, 2023.

Appendix A: Overview of proposed curriculum
Appendix B: Narrative of rationale for curriculum revision
Appendix C: Comparison of the current curriculum and the revised curriculum

Please contact me with any questions or requested revisions.

Sincerely,

Phu Hoang, AIA, NCARB
Section Head of Architecture
Knowlton School of Architecture

Appendix A: Overview of proposed curriculum

The proposed curriculum revisions include the following changes:

- Four (4) course title changes

Current Course Title	Proposed Course Title	Rationale for Change
ARCH 5510: Construction 1	ARCH 5510: Materials and Envelopes I	New title more accurately reflects course content
ARCH 5520: Construction 2	ARCH 5520: Materials and Envelopes II	New title more accurately reflects course content
ARCH 5710: Structures 1	ARCH 5710: Architectural Structures	New title more accurately reflects course content
ARCH 5810: Systems 1	ARCH 5810: Architectural Environments	New title more accurately reflects course content

- One (1) course credit-hour reductions

Course Title	Current C.H.	Proposed C.H	Rationale for Change
ARCH 5710: Structures 1	4	3	Align C.H. with all other technology courses in the curriculum and with peer institutions.

Program Total Credit Hours that Result from Proposed Changes:

Current Credit Hours	Proposed Credit Hours
121	120

Appendix B: Narrative of rationale for curriculum revision

The course title changes are being proposed to better align with the course content. The proposed credit hour reduction of ARCH 5710 from 4 to 3 will bring it into alignment with the credit hours of our other technology courses and with similar courses at peer institutions. Course content and contact hours will be reduced proportionally without a compromise to the overall goals of the program.

In summary, the only content change to the program is with the removal of 1 credit hour from ARCH 5710: Structures 1.

<u>Current Curriculum Sheet</u>

Bachelor of Science in Architecture

The Bachelor of Science in Architecture requires 121 credit hours. In addition to the specific degree requirements listed here, electives may count toward this total. Architecture courses listed in years 2, 3 and 4 are only offered in the term listed and need to be completed in sequence.

<u>Year 1</u>

Autumn

KNOW 1100	Survey	1
KNOW 2300*	Outlines of the Built Environment	3
KNOW 2310*	Seeking and Making	4
MATH 1148	College Algebra	4
GE	Foundations: Literary, Visual and Performing Arts	3
		15

Spring

ACADAFF 1201	Launch Seminar	1
PHYSICS 1200	Mechanics, Kinematics, Fluids, Waves	5
MATH 1118	Mathematics for Architects	3
GE	Foundations: Writing and Information Literacy	3
GE	Foundations: Historical & Cultural Studies	3
		15

<u>Year 2</u>

Autumn

ARCH 2410	Architectural Design I	6
ARCH 5610	Architectural Representation I	3
ARCH 5110	History of Architecture I	4
GE	Foundations: Social & Behavioral Sciences	3
		16

Spring

ARCH 2420	Architectural Design II	6
ARCH 5620	Architectural Representation II	3
ARCH 5120	Architectural History II	4
GE	Foundations: Race, Ethnic and Gender Diversity	3
		16

Year 3

Autumn

ARCH 3410	Architectural Design III: Building	6
ARCH 5510	Construction I	3
ARCH 5710	Structures I	4
Open Elective		3
		16

Spring

ARCH 3420	Architectural Design IV	6
ARCH 5210	Forms of Architectural Theory	3
ARCH 5520	Construction II	3
ARCH 5810	Systems I	3
		15

Year 4

Autumn

ARCH 4410	Architectural Design V	6
ARCH 5290 or ARCH 5590	Architecture seminar	3
GE	Theme: Citizenship	4
		13

Spring

ARCH 4420	Architectural Design VI	6
ARCH 5290 or ARCH 5590	Architecture seminar	3
Open Elective		3
Open Elective		3
		15

Bachelor of Science in Architecture

The Bachelor of Science in Architecture requires ~~121~~ 120 credit hours. In addition to the specific degree requirements listed here, electives may count toward this total. Architecture courses listed in years 2, 3 and 4 are only offered in the term listed and need to be completed in sequence.

Year 1

Autumn

KNOW 1100	Survey	1
KNOW 2300*	Outlines of the Built Environment	3
KNOW 2310*	Seeking and Making	4
MATH 1148	College Algebra	4
GE	Foundations: Literary, Visual and Performing Arts	3
		15

Spring

ACADAFF 1201	Launch Seminar	1
PHYSICS 1200	Mechanics, Kinematics, Fluids, Waves	5
MATH 1118	Mathematics for Architects	3
GE	Foundations: Writing and Information Literacy	3
GE	Foundations: Historical & Cultural Studies	3
		15

Year 2

Autumn

ARCH 2410	Architectural Design I	6
ARCH 5610	Architectural Representation I	3
ARCH 5110	History of Architecture I	4
GE	Foundations: Social & Behavioral Sciences	3
		16

Spring

ARCH 2420	Architectural Design II	6
ARCH 5620	Architectural Representation II	3
ARCH 5120	Architectural History II	4
GE	Foundations: Race, Ethnic and Gender Diversity	3
		16

Year 3

Autumn

ARCH 3410	Architectural Design III: Building	6
ARCH 5510	~~Construction I~~ Materials and Envelopes I	3
ARCH 5710	~~Structures I~~ Architectural Structures	~~4~~ 3
Open Elective		3
		~~16~~ **15**

Spring

ARCH 3420	Architectural Design IV	6
ARCH 5210	Forms of Architectural Theory	3
ARCH 5520	~~Construction II~~ Materials and Envelopes II	3
ARCH 5810	~~Systems I~~ Architectural Environments	3
		15

Year 4

Autumn

ARCH 4410	Architectural Design V	6
ARCH 5290 or ARCH 5590	Architecture seminar	3
GE	Theme: Citizenship	4
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Spring

ARCH 4420	Architectural Design VI	6
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