

Revisions to the Bachelor of Architecture

After a comprehensive curriculum review, the IIT College of Architecture proposes revisions to the Bachelor of Architecture program of study. The review was undertaken to address changes in teaching modes, in our student body, in their career paths, from the perspective of enhancing their opportunities for success in school and after. Specific goals of the revisions were to improve the student experience by reducing student overload and overall program credit hours. The specific changes are as follows:

1. Remove non-Arch Elective

Justification: This requirement was added in response to a requirement by our accrediting body asking for a total of 45 credit hours of content outside of architecture. With changes to the 2021 NAAB Conditions for Accreditation, the requirement no longer exists. This change reduces overall student course and work load.

2. Remove AURB 201: The Metropolis (Lecture: 3 Lab: 0 Credits: 3)

Justification: The review committee established that one course focusing on urbanism is sufficient for the B.Arch. program. Some of the material covered in AURB 201 will be incorporated into AURB 465: Contemporary Urbanism. We will continue to offer urban-scaled option studios and will consider offering an urbanism specialization.

3. Remove ARCH 207: Design Communications III: Analysis and Exposure (Lecture: 1 Lab: 2 Credits: 3)

Justification: The Design Communication sequence will be reduced from three courses to two. Design Communication I and II will be revised to streamline the content currently covered in three courses. Advanced digital topics will be offered regularly as electives.

4. Replace the ARCH 482/3 elective requirement with an Advanced Technology Elective.

Justification: This revision will provide students with additional choices in advanced technology coursework by opening the requirement beyond courses focusing on structural systems only, to courses addressing additional topics including environmental systems, façade systems and energy modeling. ARCH 482: Fibrous, and ARCH 483: Transparent will continue to be offered as options for the Advanced Technology Elective.

Degree Credit Hours revised from 168/169 to 159/160.

Date Submitted: 01/03/23 8:27 am

Viewing: **BAC-ARCT : Bachelor of Architecture**

Last approved: 05/19/22 3:18 pm

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Changes proposed by: ctores2

Catalog Pages Using this Program

[Bachelor of Architecture](#)

Program Status

Active

Requestor

NameCynthia Torres

E-mail

Origination Date

2023-1-3 2022-2-23

Is this an interdisciplinary program?

No

Academic Unit

College of Architecture

CollegeCollege of Architecture

Program Title

Bachelor of Architecture

Effective Academic Year

2023 2022 - 2024 2023

Effective TermFall 2023

Academic Level

Undergraduate

Program Type

Degree

Degree Type

Professional Bachelor (BAC)

CIP Code

04.0902 - Architectural and Building Sciences/Technology.

Is there more than one Academic Unit proposer?

No

Program Code

BAC-ARCT

Program Attribute

Total Program Credit Hours

159 168

Rationale for change in program credit hours.

We are requesting a change to the minimum credits required for the B.Arch degree from 169 to 168. IIT's Core Curriculum Mathematics requirement is five to six credit hours. Our curriculum lists Math 119 (3cr) and Math 122 (3 cr) to satisfy this requirement; however, many students take or receive AP or transfer credit for Math 151 (5cr). The College accepts Math 151 as satisfying the core math requirement for our degree; however, this leaves students 1 credit short of our stated 169 credits for the degree that students have to make up with another course or 1 credit independent study course. To remove this barrier to students, we want to change our minimum credits required for the B.Arch from 169 to 168 to allow for the IIT College option of Architecture proposes revisions to the Bachelor of Architecture program of study. math 151 requirement. The review was undertaken to address changes in teaching modes, in our student body, in their career paths, from the perspective of enhancing their opportunities for success in school and after. Specific goals of the revisions were to improve the student experience by reducing student overload and overall program credit hours.

Please provide a summary and rationale for the requested program revision.

After a comprehensive curriculum review, Arch from 169 to 168 to allow for the IIT College option of Architecture proposes revisions to the Bachelor of Architecture program of study. math 151 requirement. The review was undertaken to address changes in teaching modes, in our student body, in their career paths, from the perspective of enhancing their opportunities for success in school and after. Specific goals of the revisions were to improve the student experience by reducing student overload and overall program credit hours. The specific changes are as follows:

1. Remove non-Arch Elective

Justification: This requirement was added in response to a requirement by our accrediting body asking for a total of 45 credit hours of content outside of architecture. With changes We are requesting a change to the 2021 NAAB Conditions minimum credits required for Accreditation, the requirement no longer exists. B. This change reduces overall student course and work load.

2. Remove AURB 201: The Metropolis (Lecture: 3 Lab: 0 Credits: 3)

Justification: The review committee established that one course focusing on urbanism is sufficient for the B.Arch. program. Some of the material covered in AURB 201 will be incorporated into AURB 465: Contemporary Urbanism. We will continue to offer urban-scaled option studios and will consider offering an urbanism specialization.

3. Remove ARCH 207: Design Communications III: Analysis and Exposure (Lecture: 1 Lab: 2 Credits: 3)

Justification: The Design Communication sequence will be reduced from three courses to two. Design Communication I and II will be revised to streamline the content currently covered in three courses. Advanced digital topics will be offered regularly as electives.

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Justification: This revision will provide students with additional choices in advanced technology coursework by opening the requirement beyond courses focusing on structural systems only, to courses addressing additional topics including environmental systems, façade systems and energy modeling. ARCH 482: Fibrous, and ARCH 483: Transparent will continue to be offered as options for the Advanced Technology Elective.

Degree Credit Hours revised from 168/169 to 159/160.

We are also adding a Visual Media specialization. Arch degree from 169 to 168. IIT's Core Curriculum Mathematics requirement is: five to six credit hours. Our curriculum lists Math 119 (3cr) and Math 122 (3 cr) to satisfy this requirement; however, many students take or receive AP or transfer credit for Math 151 (5 cr). The College accepts Math 151 as satisfying the core math requirement for our degree; however, this leaves students 1 credit short of our stated 169 credits for the degree that students have to make up with another course or 1 credit independent study course. To remove this barrier to students, we want to change our minimum credits required for the B.Arch from 169 to 168 to allow for the option of the math 151 requirement.

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 aware of that need. If the program is replacing a current program(s), identify the current program(s) that is being replaced by the 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 governmental entity, provide details of that initiative.

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 data

or State labor data systems information was used, and/or if State, regional, or local workforce agencies were consulted. Include how the course content, program length, academic level, admission requirements, and prerequisites were decided; including information received from potential employers about course content; and information regarding the target students and employers.

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) program integrity boards; c) public or private oversight or regulatory agencies (not including the state licensing/authorization agency 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 and with whom discussions were held, provide relevant details of any proposals or correspondence generated, and/or describe any 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 formed? How will the department work with the Career Services office to develop industry connections?

Program Resources

Which program resources are necessary to offer this program?

Proposed Bulletin Entry

Admission Requirements

Course Requirements

Sample Curriculum/Program Requirements

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.

Attach Additional Assessment Document(s)

Undergraduate Program Requirements

Undergraduate Degree Requirements

Minimum credit hours

159 168

Specialization required?

Optional

Notes about specialization requirement

Minor required?

No

Proposed General Curriculum

Degree credit hours required

159 168

Specialization credit hour requirement

9

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

Specialization
