

New Proposal

Date Submitted: 05/04/23 2:26 pm

Viewing: : **Design of Tall Buildings**

Last edit: 02/09/24 11:23 am

Changes proposed by: Nicole Turner

In Workflow

1. **U Program Review**
2. **1767 Committee Chair**
3. **1767 Head**
4. **KR Dean**
5. **University Librarian**
6. **Grad_College**
7. **COTE Programs**
8. **Provost**
9. **Senate EPC**
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. HLC
15. DOE
16. DMI

Approval Path

1. 05/05/23 12:04 pm
Emily Stuby
(eastuby):
Approved for U Program Review
2. 05/05/23 1:09 pm
Abbas
Aminmansour
(aamin):
Approved for 1767 Committee Chair
3. 11/15/23 1:08 pm
Francisco
Rodriguez-Suarez
(paco70):
Approved for 1767 Head
4. 11/15/23 1:37 pm
Nicole Turner
(nicturn):

- Approved for KR Dean
- 5. 11/27/23 11:52 am
Claire Stewart (clairest):
Approved for University Librarian
- 6. 01/19/24 2:34 pm
Allison McKinney (agrindly):
Approved for Grad_College
- 7. 01/22/24 10:40 am
Suzanne Lee (suzannel):
Approved for COTE Programs
- 8. 01/25/24 9:23 am
Brooke Newell (bsnewell):
Approved for Provost

Proposal Type

Proposal Type:
Concentration (ex. Dietetics)

Administration Details

Official Program Name	Design of Tall Buildings	
Diploma Title	Graduate Concentration in the Design of Tall Buildings	
Sponsor College	Fine & Applied Arts	
Sponsor Department	Architecture	
Sponsor Name	Prof. Abbas Aminmansour	
Sponsor Email	aamin@illinois.edu	
College Contact	Dr. Nicole Turner	College Contact Email
	nicturn@illinos.edu	
College Budget	Asst Dean Greg Anderson	

Officer

College Budget gnanders@illinois.edu

Officer Email

List the role for rollbacks (which role will edit the proposal on questions from EPC, e.g., Dept Head or Initiator) and/or any additional stakeholders. Purpose: List here who will do the editing work if proposal needs rolled back. And any other stakeholders.

KR Dean

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Fall 2023

Term

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberals Art and Sciences, include the Graduate College for Grad Programs)

Establish the Concentration in the Design of Tall Buildings in the College of Fine and Applied Arts and the Graduate College

Does this proposal have any related proposals that will also be revised during the next 6 weeks? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently. Example: If you are revising the BS proposal and one related concentration within the next 6 weeks, "This BS proposal (key 567) is related to the Concentration A proposal (key 145)."

Program Justification

Provide a brief justification of the program, including highlights of the program objectives, and the careers, occupations, or further educational opportunities for which the program will prepare graduates, when appropriate.

The Design of Tall Buildings Concentration in the Master of Architecture and M.S. Architectural Studies Programs at the University of Illinois at Urbana Champaign provides students with the opportunity to gain the knowledge and skills to enter their professional careers as designers of tall buildings. The global number of tall buildings is increasing at a fast pace. However, there are no programs that offer a graduate specialization in this area. Our School is in a unique position to offer this opportunity for students due to the numerous experts we have on our faculty in this area.

The course requirements for this concentration are:

A. ARCH 535 Design of Tall Buildings (new course for FA 23, currently in workflow as key 13334 in CIM). This course has been offered as a special topics course and is newly developed with an independent number. 4 hours.

B. ARCH 538 Integrative Design of Buildings (new course for FA 23, currently in workflow as key 13303 in CIM). This course has been offered as a special topics course for 3 previous terms and is newly developed with an independent number. 4 hours.

C. ARCH 573 or 575. Students may elect one of the 6-hour studio courses.

The concentration total is 14 credit hours.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/revision of this program?

No

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

List the program's student learning outcomes. Each outcome should identify what students are expected to know and/or be able to do upon completing this program.

1. Develop broad knowledge of the integrated nature of design and construction of tall buildings.
2. Develop more in-depth knowledge on subjects specific to tall buildings including architectural design as well as design of structural, mechanical, lighting, and other building systems.
3. Learn the state-of-the-art in materials and methods of construction of tall buildings.
4. Learn the state-of-the-art from practitioner guest speakers the latest developments and trends in design and construction of tall buildings.

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

The concentration will be assessed yearly at the close of the Spring Semester. Assessment will take place in three formats: student assessments, course work, and overall faculty review of program.

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

1. All concentration students will have a group or individual town hall meeting as well as ask them to assess the concentration courses in writing in terms of the courses learning objectives, whether the program is meeting their expectations, meeting student goals, and the efficacy of specific courses in meeting these goals. Students will be asked to suggest areas for improvement. These student assessments will be shared with all program area faculty. These assessments will be anonymous and will be conducted by the chair of the Program Area.
2. Student Learning objectives will be measured using their performance in concentration course work. A report of the same will be made available to all Program Area Faculty.
3. Faculty of the program area will meet at the close of each Spring semester to assess the concentration, its learning objectives and the ability of students to meet these objectives based on summaries of 1 and 2 above. Faculty will suggest areas needing improvement and these will be shared with all Program Area Faculty.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

The faculty of the program area will collaborate to develop a plan for modifications to content of core courses to address areas needing improvement.

Program

Description and

Requirements

Attach Documents

Is the career/profession for graduates of this program regulated by the State of Illinois?

Yes

If yes, please describe.

The architecture profession is regulated by the Illinois Department of Professional Regulation. Licensure is required for the practice of Architecture in the State.

Program of Study

Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PublicAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

Attach Program of Study-related information such as sample sequences (for undergraduate programs) or college-level forms.

Catalog Page Text - Overview Tab

Description of program for the catalog page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Students declaring the Design of Tall Buildings Concentration are required to submit, at the end of their first semester of study and not later than the first day of classes of the second semester, a planned schedule that outlines their coursework for the next three semesters. This plan must be signed by the student and the Advisor and submitted to the Chair of Design of Tall Buildings and the Director of Graduate Studies not later than the second week of classes in the student's second semester of study.

This Concentration can be completed within the normal time frame of the M.Arch or M.S. degree. The three courses required for the Tall Buildings concentration can overlap with the requirements for the M. Arch program. Students in the MS Architectural Studies may need to take additional courses to meet concentration requirements beyond what is required for their MS degree. Successful completion of the Concentration will be noted on the student's official transcript.

Statement for Programs of Study Catalog

Students who declare the Concentration must complete a minimum of 14 hours of coursework with a focus on tall buildings design.

Course List

Code	Title	Hours
ARCH 535	Design of Tall Buildings	4
ARCH 538	Integrative Design of Buildings	4
Select one of the following:		6
ARCH 573	Design: Technology and Performance	
ARCH 575	Integrative Architecture Design Studio	

Code	Title	Hours
Total Hours		14

Program Relationships

Corresponding

Program(s):

Corresponding Program(s)
Architecture, MARCH
Architectural Studies, MS

Program Features

Academic Level Graduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Additional concentration notes (e.g., estimated enrollment, advising plans, etc.)

Students who declare the Concentration in the Design of Tall Buildings are required to submit to their selected Advisor, at the end of their first semester of study and not later than the first day of classes of the second semester, a Plan of Study that outlines their intended coursework during each semester of the M.Arch or M.S. program. This plan must be signed by the student and the Advisor and submitted to the Chair of the Design of Tall Buildings and the Director of Graduate Studies not later than the second week of classes in the student's second semester of study.

This concentration can be completed within the normal timeframe of the M.ARCH or M.S. degree.

Successful completion of the Concentration will be noted on the student's official transcript.

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Number of Students in Program (estimate)

Year One Estimate	10	5th Year Estimate (or when fully implemented)	20
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Budget

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

This proposal does not require additional financial support from the unit.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

Is this program requesting self-supporting status?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

This Concentration consists of courses already being taught or approved within the School of Architecture. No additional faculty resources are required.

Advising will be supported by the Building and Performance Area Faculty and the Chair of the Area in consultation with the M.ARCH or M.S. advisor.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

Library collections, resources and services are sufficient to support the graduate concentration in the Design of Tall Buildings.

HLC Section

Credit Hours

Existing or repackaged curricula

Number of Credit

14

(Courses from existing inventory of courses):	Hours: 100	Percent of Total:
Revised or redesigned curricula (Courses for which content has been revised for the new program):	Number of Credit Hours: 0	0 Percent of Total:
New curricula (Courses developed for the new program that have never been offered):	Number of Credit Hours: 0	0 Percent of Total:
Total Credit Hours of the Program: 100	Number of Credit Hours:	14 Percent of Total:

New Faculty Required

Will new faculty expertise or new faculty members be needed to launch this program?

No

Please explain existing coverage:

The School currently has the faculty who regularly teach the courses required for the Concentration.

Additional Funds

Will the proposed program require a large outlay of additional funds by the institution?

No

Institutional Funding

Please explain institutional funding for proposed program:

No new institutional funding is required to implement this proposal.

EP Documentation

EP Control Number EP.24.070

Attach Rollback/Approval Notices

This proposal requires HLC inquiry No

DMI Documentation

Attach Final

Approval Notices

Banner/Codebook
Name

Program Code:

Minor Code	Conc Code	Degree Code	Major Code
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Senate Approval
Date

Senate
Conference
Approval Date

BOT Approval
Date

IBHE Approval
Date

HLC Approval
Date

DOE Approval
Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer
Comments

Brooke Newell (bsnewell) (04/24/23 2:39 pm): Rollback: Seminar/Topics course with specific section required should be made into permanent course, with the permanent course number then inserted into this POS table. Email sent to Nicole

Brooke Newell (bsnewell) (02/09/24 11:24 am): Revised two typos in Catalog Page Text in consultation with Nicole Turner (College Contact)