

# ARCHITECTURE: DETAIL & FABRICATION, MARCH

*for the Master of Architecture in Architecture, Detail & Fabrication Concentration*

Students can declare the Detail and Fabrication Concentration in any of their first three full-time semesters in their M.Arch program. Approval will not be granted if submitted during the student's last full-time semester in the program.

This Concentration can be completed within the normal timeframe of the M.Arch degree. Successful completion of the Concentration will be noted on the student's official transcript.

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Students who declare the Concentration must complete a minimum of 21 hours of coursework with a focus on detail and fabrication.

Code	Title	Hours
<b>Architecture Studios</b>		<b>12</b>
To be taken from a faculty member whose primary Program Area affiliation is Detail and Fabrication or as approved by the chair of the Detail and Fabrication Program Area		
ARCH 571	Design: Detail and Architectonics	6
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Code	Title	Hours
<b>Architecture Graduate Courses</b>		<b>9</b>
These courses may also fulfill elective requirements for the M.Arch. degree. Students will complete three, 3 credit hour courses to earn the 9 hours for this section.		
ARCH 518	Recording Historic Buildings	3
ARCH 519	Conserv of Building Materials	3
ARCH 576	Architectural Design Seminar (Students may select from seminars taught by Detail and Fabrication faculty, including section FAB Age of Digital Reproduction, section PUP Picking Up the Pieces, section WFW Wood Furniture Workshop, and new ARCH 576 courses in Detail and Fabrication as they become available)	3
ARCH 593	Special Problems in Detail and Fabrication (Students may select from courses taught by Detail and Fabrication faculty. New ARCH 593 courses as they become available.)	3

ARCH 590	Directed Research (Students may fulfill up to 6 credit hours for the Concentration with a Faculty Directed Research Project or Projects under the supervision of a faculty member whose primary Program Area affiliation is Detail and Fabrication or as approved by the Chair of the Detail and Fabrication Program Area. Students must complete an ARCH 590 Faculty Directed Research Proposal Form, obtain signed approval from the faculty member who will supervise the study, and submit the proposal to the Graduate Office for final approval and enrollment permission.)	0 to 6
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**Other Graduate Courses**

Faculty in other Program Areas may on occasion offer 400 or 500 level courses that are appropriate for the Detail and Fabrication Concentration. Courses offered in other departments of the University, such as Art and Design and Engineering, may also address topics in Detail and Fabrication. With prior approval, students may fulfill up to 3 credit hours for the Concentration with such coursework. In such cases, the Chair of Detail and Fabrication in consultation with the student's Advisor and after reviewing a formal written request from the student may approve the course for fulfillment of the Concentration.

Code	Title	Hours
<b>Total Hours to earn the Concentration in Detail and Fabrication for the M.Arch.</b>		<b>21</b>

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Upon completion of this Concentration the students will have an understanding of the following:

1. Understanding of combined conceptual development of design, details, and materials.
2. Hands-on material experience.
3. Understanding of the possibilities available through custom-made and mass-produced fabrication methods.
4. Understanding of scale as part of the conceptual approach and fabrication and technology.
5. Knowledge of digital tools such as 3D printers, robotic arms, scanners, and other fabrication equipment.
6. Understanding of methods to help resolve and contribute to the design process and environment.
7. Understanding and applicability of design at a human scale.
8. Understanding how to make positive and long-lasting contributions to the built environment.

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## **School of Architecture**

Director of the School: Francisco Javier Rodríguez-Suárez  
Associate Director of Curricular and Academic Programs: Emelie Mies  
School Website (<http://arch.illinois.edu>)  
117 Temple Hoyne Buell Hall, 611 Taft Drive, Champaign, IL 61820  
(217) 333-7720  
School email: [arch-grad@illinois.edu](mailto:arch-grad@illinois.edu)

## **College of Fine & Applied Arts**

College Website (<http://faa.illinois.edu>)

## **Admissions**

Overview of Grad College Admissions & Requirements (<https://grad.illinois.edu/admissions/apply/>)