

## Master of Architecture

degree options, selectives, and architecture electives

Degree options provide M Arch students with an opportunity to concentrate their studies in one of three areas:

- History, Theory and Criticism
- Materials and Fabrication
- Sustainable Systems and Design

Students indicate their preference for the degree option by the beginning of ARCH 502 studio using the department's online Degree Option Survey. The degree option will appear on the student's final transcript.

Each degree option requires 25 credits; these credits also fulfill general M Arch requirements and do not add credits to the M Arch degree or increase time to degree. In addition to completing courses already required for the degree (indicated with \* below), students must replace the three ARCH Electives with courses from the approved Elective lists and complete research in ARCH 595/599 appropriate to the area of concentration. Students may not pursue more than one degree option. Students may also choose to complete the M Arch degree without designating an area of concentration.

### HISTORY AND THEORY AND CRITICISM COURSES

- \* ARCH 503: Arch Integration Studio II
- \* ARCH 590: Urban and Preservation Issues in Design
- \* History and Theory selective  
3 Architecture Electives in History, Theory and Criticism  
ARCH 595 or ARCH 599: Thesis Research and Prep or History/Theory Research Seminar

### MATERIALS AND FABRICATION COURSES

- \* ARCH 504: Arch Integration Studio III
- \* ARCH 523: Design Technology IV
- \* ARCH 570: Design Development  
3 Architecture Electives in Materials and Fabrication  
ARCH 595 or ARCH 599: Thesis Research and Prep or Materials & Fabr Research Seminar

### SUSTAINABLE SYSTEMS AND DESIGN COURSES

- \* ARCH 504: Arch Integration Studio III
- \* ARCH 524: Design Tech V - Advanced Environmental Systems
- \* ARCH 591: Architecture and Landscape  
3 Architecture Electives in Sustainable Systems  
ARCH 595 or ARCH 599: Thesis Research and Prep or Sustainable Systems Research Studio

### SELECTIVES

All M Arch students must take two selective courses, one in the area of History and Theory, and the other in the area of Professional Practice.

History and Theory Selectives are 3-credit (or more) 500-level courses that cover a wide range of topics; all emphasize three important aspects of architectural education: research, writing, and verbal communication. History and Theory Selectives require that students write a substantial research paper first as a draft, and then as a final paper that responds to the instructor's critical feedback. Many of these courses also offer brief weekly writing exercises. Students in these courses participate in faculty-guided discussions of the course material and, in most cases, one or more formal, research-oriented presentations to the class.

Professional Practice Selectives are 3-credit (or more) 400- or 500-level courses that complement the broad overview of the required professional practice course (ARCH 571). They cover topics in key areas of practice. Some focus on a particular project type or project scale and its issues and requirements from pre-design through construction administration. Others focus on a topic area of practice having the potential to shape project outcomes or an individual's practice orientation: real estate and construction industry economics, law, the regulatory contexts, business development and branding, building information modeling, design in specific environments, community engagement, professional leadership and collaborative practices. Professional Practice Selectives include in-depth exposure to real-world examples and require students to engage in field research, critical problem-solving, or academic research and writing. Selectives generally require a term project that is reviewed sequentially as it is developed or is reviewed in a draft form so that the final submission has been subject to critique and revision.

### ARCHITECTURE ELECTIVES

All M Arch students must take 9 credits of Architecture electives. These include all ARCH prefix courses at the 400- or 500 level that are not otherwise required in the curriculum. These can be used to fulfill degree option requirements; see above.

No course may fulfill both a selective and an Architecture elective requirement.

## SELECTIVES (2018-19)

### HISTORY AND THEORY SELECTIVES (M.Arch students required to complete before entering Thesis Prep)

ARCH 541: Visions of Japan House (ARCH 441 is undergrad section) NOT OFFERED 2018-19	AUT	Oshima
ARCH 559: American Utilitarian Architecture NOT OFFERED 2018-19	WTR	Iarocci
ARCH 560: Grad Seminar on Architectural Theories	AUT	Dee
ARCH 561: Urban Design Theory	WTR	Huber
ARCH 564: Environmental Design and Well Being	AUT	Mugerauer
ARCH 567: Qualitative Research Methods	SPR	Mugerauer
ARCH 597: Research Practicum	SPR	Anderson
ARCH 598: Critical Practice in a Globalizing World NOT OFFERED 2018-19	WTR	Oshima
ARCH 598: Fashion, Critical Theory, and Architecture	AUT	Prakash
ARCH 598: Architecture & Fiction	SPR	Huber
ARCH 598: Aesthetic Theory NOT OFFERED 2018-19		Prakash
ARCH 598: Africa and Middle East Seminar (ARCH 442 is undergrad section) NOT OFFERED 2018-19	SPR	McLaren
ARCH 598: History, Theory and Criticism of Historic Preservation NOT OFFERED 2018-19	SPR	Ochsner
BE 551: The Contemporary Built Environment	AUT	Iarocci

### PROFESSIONAL PRACTICE SELECTIVES

ARCH 475: Residential Practice NOT OFFERED 2018-19	WTR	Zimmerman
ARCH 578: Case Studies in Contemporary Architecture	SPR	Golden
ARCH 598: Home Rules – Residential Code Topics	AUT	Svetz
ARCH 598: Rethinking the Building Code	WTR	Svetz
ARCH 598: Seattle's Futures NOT OFFERED 2018-19	WTR	Proksch
ARCH 598: Sustainable Design Case Studies	SPR	Burpee
CM 500/ARCH 574: Design and Construction Law (3) Email instructor for add code: <a href="mailto:knyrop@uw.edu">knyrop@uw.edu</a>	AUT	Tramountanas
CM 515: Innovative Project Management Concepts* (3) Contact instructor for add code: <a href="mailto:cdossick@uw.edu">cdossick@uw.edu</a>	WTR	Dossick
RE 510: Intro to Real Estate (formerly Real Estate Process) (3)	AUT & SPR	Dermisi
RE 559: Risk & Reward in Sustainable Development (3)	AUT	DeNamur
URBDP 586: Implementation in Preservation Planning (4) Prerequisite: ARCH 590 or other prior course in preservation.	WTR	check time schedule

### DEGREE OPTION AREAS OF CONCENTRATION ELECTIVES

<b>HISTORY, THEORY AND CRITICISM</b>		
ARCH 452: History of Architecture in Seattle and Environs NOT OFFERED 2018-19	WTR	Ochsner
ARCH 457: 20th Century Architecture NOT OFFERED 2018-19	WTR	Clausen
ARCH 458: Paris Architecture and Urbanism	SPR	Clausen
ARCH 495: Architectural Studies Abroad - History and Theory	faculty-led programs	varies
ARCH 541: Visions of the Japanese House (ARCH 441 is undergrad section)	AUT	Oshima
ARCH 558: Seminar in 20 <sup>th</sup> Century Architecture	WTR	Clausen

ARCH 559: American Utilitarian Architecture	NOT OFFERED 2018-19	WTR	Iarocci
ARCH 560: Grad Seminar on Architectural Theories		AUT	Dee
ARCH 561: Urban Design Theory		WTR	Huber
ARCH 564: Environmental Design and Well Being		AUT	Mugerauer
ARCH 567: Qualitative Research Methods		SPR	Mugerauer
ARCH 598: Critical Practice in a Globalizing World	NOT OFFERED 2018-19	WTR	Oshima
ARCH 598: Architecture & Fiction		SPR	Huber
ARCH 598: Architectures of Travel & Tourism		WTR	Coslett
ARCH 598: Fashion, Critical Theory, and Architecture (ARCH 498 is undergrad section)		AUT	Prakash
ARCH 598: Aesthetic Theory		WTR	Prakash
ARCH 598: Africa and Middle East Seminar (ARCH 442 is undergrad section)	NOT OFFERED 2018-19	SPR	McLaren
ARCH 598: History, Theory and Criticism of Historic Preservation	NOT OFFERED 2018-19	SPR	Ochsner
ARCH 598: Indian Modernism		SPR	Prakash
ARCH 598: Latin American Architecture		SPR	Miller
<b>MATERIALS AND FABRICATION</b>			
ARCH 430: Materials and Processes		SPR	Hunter
ARCH 481: 3D Modeling and Rendering		AUT	Congdon
ARCH 498: Creating Responsive Environments	NOT OFFERED 2018-19	SPR	Johnson
ARCH 527: Introduction to Digital Design and Fabrication		AUT, WTR, SPR	Congdon
ARCH 528: Digital Design for Fabrication and Construction		WTR	Hunter
ARCH 529: Advanced Digital Projects		SPR	Corser
ARCH 537: Traditional Building Methods: New Adaptations		WTR	Golden
ARCH 587: Theory of Design Computing		WTR	Johnson
<b>SUSTAINABLE SYSTEMS AND DESIGN</b>			
ARCH 435: Principles and Practices of Environmental Lighting		AUT	Darragh
ARCH 439: Electric Lighting Design		WTR	Brockway/Blanco
ARCH 525: Life Cycle Assessment and Architecture		SPR	Simonen
ARCH 526: Topics in High Performance Building		WTR	Burpee
ARCH 530: Integrated Building Systems		AUT	Crawford
ARCH 534: Green Technology		WTR	Heerwagen
ARCH 535: Daylighting Design Seminar	NOT OFFERED 2018-19	SPR	Meek
ARCH 536: Designing with Living Systems		WTR	Proksch
ARCH 538: Building Re-Use Seminar		AUT	Merlino
ARCH 582: Computational Lighting Design		AUT	Inanici
ARCH 598: Planning/Designing Changing Climates		AUT	Heerwagen
ARCH 598: Structural Architecture		SPR	Sprague
ARCH 598: Performative Design Practices		SPR	Inanici
ARCH 598: Designing Highly Effective Buildings		WTR	Heerwagen