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 500: Arch Design Studio I (Urban Context)
* 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

MATERIALS AND FABRICATION COURSES
* ARCH 501: Arch Design Studio II (Tectonics)
* ARCH 532: Construction Materials and Assemblies
* ARCH 570: Design Development
  3 Architecture Electives in Materials and Fabrication
  ARCH 595 or ARCH 599: Thesis Research and Prep

SUSTAINABLE SYSTEMS AND DESIGN COURSES
* ARCH 502: Architectural Design Studio 3
* ARCH 533: Advanced Environmental Systems
* ARCH 591: Architecture and Landscape
  3 Architecture Electives in Sustainable Systems
  ARCH 595 or ARCH 599: Thesis Research and Prep

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.

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 (2016-17)

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) **normally offered in AUT**	WTR	Oshima
ARCH 559: American Utilitarian Architecture	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: Modern Architecture and the Critical Present	WTR	Oshima
ARCH 598: Drawing and the Profession	AUT	Huppert/Way
ARCH 598: Fashion and Architecture	WTR	Prakash
ARCH 598: Africa and Middle East Seminar (ARCH 442 is undergrad section)	SPR	McLaren
ARCH 598: History, Theory and Criticism of Historic Preservation	SPR	Ochsner
ARCH 598: Chthonic Architecture NOT OFFERED 2016-17	SPR	Prakash
BE 551: The Contemporary Built Environment	AUT	Anderson

PROFESSIONAL PRACTICE SELECTIVES

ARCH 475: Residential Practice NOT OFFERED 2016-17	WTR	Zimmerman
ARCH 578: Case Studies in Contemporary Architecture **normally offered in AUT**	SPR	Golden
ARCH 598: Rethinking the Building Code	WTR	Svetz
ARCH 598: Future of the City	WTR	Proksch
ARCH 598: Sustainable Design Case Studies	SPR	Burpee
CM 430 Building Code and Environmental Regulations (3)	SPR	check time schedule
CM 450 Construction Project Management (5)	SUM	check time schedule
CM 500 (formerly ARCH 574): Design and Construction Law Email instructor for add code: knyrop@uw.edu	AUT	Nyrop
CM 515 Innovative Project Management Concepts* (3) Contact instructor for add code: cdossick@uw.edu	WTR	check time schedule
CM 570 Facilities Management* (3) Contact instructor for add code http://be.washington.edu/faculty-directory/	SPR	check time schedule
RE 510: Intro to Real Estate (formerly Real Estate Process) (3)	AUT & SPR	check time schedule
RE 530: Corporate Real Estate (3)	AUT	check time schedule
URBDP 524 Site Planning: Issues and Techniques (3) Students required to email instructor, Dan Abramson, to discuss interest in taking course before add code is issued: abramson@u.washington.edu	AUT	check time schedule
URBDP 586 Implementation in Preservation Planning (4) Prerequisite: prior course in preservation.	SPR	check time schedule

DEGREE OPTION AREAS OF CONCENTRATION ELECTIVES

HISTORY, THEORY AND CRITICISM		
ARCH 452: History of Architecture in Seattle and Environs	WTR	Ochsner
ARCH 457: 20th Century Architecture	WTR	Clausen
ARCH 458: Paris Architecture and Urbanism	SPR	Clausen
ARCH 495: Architectural Studies Abroad - History and Theory	faculty-led programs	varies
ARCH 558: Seminar in 20th Century Architecture	WTR	Clausen
ARCH 559: American Utilitarian Architecture	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: Visions of the Japanese House (ARCH 441 is undergrad section)	AUT	Oshima
ARCH 598: Modern Architecture and the Critical Present (ARCH 498 is undergrad section)	WTR	Oshima
ARCH 598: Fashion and Architecture (ARCH 498 is undergrad section)	WTR	Prakash
ARCH 598: Africa and Middle East Seminar (ARCH 442 is undergrad section)	SPR	McLaren
ARCH 598: History, Theory and Criticism of Historic Preservation	SPR	Ochsner
ARCH 598: Chthonic Architecture (ARCH 498 is undergrad section) NOT OFFERED 2016-17	SPR	Prakash
MATERIALS AND FABRICATION		
ARCH 430: Materials and Processes	SPR	Griggs
ARCH 481: 3D Modeling and Rendering	AUT	Johnson
ARCH 498: Creating Responsive Environments	WTR	Johnson
ARCH 527: Introduction to Digital Design and Fabrication	AUT, WTR	Congdon
ARCH 528: Digital Design for Fabrication and Construction	WTR	Hunter
ARCH 529: Advanced Digital Projects	SPR	Hunter
ARCH 537: Traditional Building Methods: New Adaptations	WTR	Golden
ARCH 579: Technical Issues in Preservation Design	AUT	Rich
ARCH 587: Theory of Design Computing	AUT	Johnson
SUSTAINABLE SYSTEMS AND DESIGN		
ARCH 435: Principles and Practices of Environmental Lighting	AUT	Meek
ARCH 439: Electric Lighting Design	WTR	Blanco
ARCH 525: Life Cycle Assessment and Architecture NOT OFFERED 2016-17		Simonen
ARCH 526: Topics in High Performance Building	AUT	Peña
ARCH 530: Integrated Building Systems	AUT	Sami
ARCH 534: Green Technology	WTR	Heerwagen
ARCH 535: Daylighting Design Seminar	SPR	Meek
ARCH 536: Designing with Living Systems NOT OFFERED 2016-17		Proksch
ARCH 538: Building Re-Use Seminar	SPR	Merlino
ARCH 582: Computational Lighting Design	WTR	Inanici
ARCH 598: Planning/Designing Changing Climates	AUT	Heerwagen
ARCH 598: Structural Architecture	SPR	Miller
ARCH 598: Performative Building Design	SPR	Inanici