

## MASTER OF ARCHITECTURE

### Selectives & Degree Options

#### SELECTIVES (required)

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** (this is in addition to the required course: ARCH 571-Professional Practice).

**History and Theory Selective:** M Arch students must complete one History & Theory selective. These courses are 3-credit (or more) 500-level courses approved by the department curriculum committee 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 Selective:** M Arch students must complete two professional practice requirements: ARCH 571 Professional Practice course and a Selective. Selective are 400-or 500-level courses approved by the department curriculum committee. 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.

#### M ARCH DEGREE OPTION (optional)

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 spring of Year 2 (ARCH 505 studio) using the department's [Degree Option Registration](#) found on the MyARCH section of our website. 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 599 or either ARCH 593 or 594 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
- \* Related research completed in ARCH 599: Thesis Research Prep or –or- ARCH 593or 594 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
- \* Related research completed in ARCH 599: Thesis Research Prep or –or- ARCH 593or 594 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
- \* Related research completed in ARCH 599: Thesis Research Prep –or- ARCH 593or 594 Research Seminar

**HISTORY AND THEORY & PROFESSIONAL PRACTICE SELECTIVES**

List is a projected schedule of course offerings and when they will be offered and is subject to changes. Refer to the Time Schedule for confirmation of course offering for the quarters.

| HISTORY AND THEORY SELECTIVES  | INSTRUCTOR          |
|--|---------------------|
| ARCH 541: Visions of Japan House (ARCH 441 is undergrad section)   | Oshima              |
| ARCH 559: American Utilitarian Architecture  | Iarocci             |
| ARCH 560: Grad Seminar on Architectural Theories   | Dee                 |
| ARCH 557: History & Theory of Historic Preservation  | Ochsner             |
| ARCH 561: Urban Design Theory  | Huber               |
| ARCH 564: Environmental Design and Well Being  | TBD                 |
| ARCH 567: Qualitative Research Methods   | Mugerauer           |
| ARCH 597: Research Practicum   | Oshima              |
| ARCH 598: Aesthetic Theory   | Prakash             |
| ARCH 598: Africa and Middle East Seminar (ARCH 442 is undergrad section)   | McLaren             |
| ARCH 598: Architecture & Fiction   | Huber               |
| ARCH 598: Critical Practice in a Globalizing World   | Oshima              |
| ARCH 598: Fashion, Critical Theory, and Architecture   | Prakash             |
| ARCH 598: Indian Modernism   | Prakash             |
| ARCH 598: Modern Architecture and the Critical Present`  | Oshima              |
| ARCH 598: Vernacular Architecture  | Merlino             |
| BE 551: The Contemporary Built Environment   | Anderson            |
| PROFESSIONAL PRACTICE SELECTIVES   | INSTRUCTOR          |
| <i>There are two professional practice course requirements for the M Arch degree:<br/>ARCH 571 Professional Practice + a Professional Practice Selective</i>               |                     |
| ARCH 475: Residential Practice   |                     |
| ARCH 530: Integrated Building Systems  | Harrell             |
| ARCH 573: Sustainable Design Case Studies  | Burpee              |
| ARCH 578: Case Studies in Contemporary Architectural Practice  |                     |
| ARCH 579: Technical Issues in Preservation Design  | Strauss             |
| ARCH 598: Housing: Systems & Values  | Golden              |
| ARCH 598: Seattle's Futures/Seattle Datascape  | Proksch             |
| ARCH 574/CM 500: Design and Construction Law (3) - Email CM department for add code. See time schedule.  | Tramontanas         |
| CM 515: Innovative Project Management Concepts* (3) Email CM department for add code. See time schedule.   | check time schedule |
| RE 510: Intro to Real Estate (formerly Real Estate Process) (3)<br>AUT by permission of RE Dept; Email Sofia Dermisi: <a href="mailto:sdermisi@uw.edu">sdermisi@uw.edu</a> | check time schedule |
| RE 515: Development Studio (4)<br><b>requires permission of the RE department to register</b>  | Check time schedule |
| RE 559: Risk & Reward in Sustainable Development (3)   | check time schedule |
| URBDP 586: Implementation in Preservation Planning (4)<br>Prerequisite: ARCH 590 or other prior course in preservation   | check time schedule |

| HISTORY, THEORY AND CRITICISM DEGREE OPTION ELECTIVES   | INSTRUCTOR |
|---|------------|
| ARCH 452: History of Architecture in Seattle and Environs   | Ochsner    |
| ARCH 455: American Architecture   | Clausen    |
| ARCH 457: 20th Century Architecture   | Clausen    |
| ARCH 458: Paris Architecture and Urbanism   | Clausen    |
| ARCH 495: Architectural Studies Abroad - History and Theory<br>(for Autumn 2021: ARCH 598 Rome Seminar) | varies     |
| ARCH 541: Visions of the Japanese House (ARCH 441 is undergrad section)                                 | Oshima     |
| ARCH 557: History, Theory and Criticism of Historic Preservation  | Ochsner    |
| ARCH 558: Seminar in 20 <sup>th</sup> Century Architecture  | Clausen    |
| ARCH 559: American Utilitarian Architecture   | Iarocci    |
| ARCH 560: Grad Seminar on Architectural Theories  | Dee        |
| ARCH 561: Urban Design Theory   | Huber      |
| ARCH 564: Environmental Design and Well Being   | -          |
| ARCH 567: Qualitative Research Methods  | Mugerauer  |
| ARCH 579: Technical Issues in Preservation Design   | Strauss    |
| ARCH 598: Aesthetic Theory  | Prakash    |
| ARCH 568: Africa and Middle East Seminar (ARCH 442 is undergrad section)                                | McLaren    |
| ARCH 598: Afrofuturism (3 credit course version)  | King       |
| ARCH 598: Architecture of the Mediterranean Cities  | Huppert    |
| ARCH 598: Architecture & Fiction  | Huber      |
| ARCH 598: Architectural Theories  | Dee        |
| ARCH 598: Fashion, Critical Theory, and Architecture  | Prakash    |
| ARCH 598: Critical Practice in a Globalizing World  | Oshima     |
| ARCH 598: Indian Modernism  | Prakash    |
| ARCH 598: Modern Architecture & the Critical Present  | Oshima     |
| ARCH 598: Progressive American Architecture   | Ochsner    |
| ARCH 598: Richardson, Sullivan, and Wright  | Ochsner    |
| ARCH 598: Vernacular Architecture   | Merlino    |

| MATERIALS AND FABRICATION DEGREE OPTION ELECTIVES  | INSTRUCTOR         |
|--|--------------------|
| ARCH 430: Materials and Processes  | Hunter             |
| ARCH 481: 3D Modeling and Rendering  | Congdon            |
| ARCH 487: Fundamentals of BIM  | Riske              |
| ARCH 498: Creating Responsive Environments   | Johnson            |
| ARCH 527: Introduction to Digital Design and Fabrication   | Congdon            |
| ARCH 528: Digital Design for Fabrication and Construction  | Congdon            |
| ARCH 529: Advanced Digital Projects  | Corser             |
| ARCH 537: Traditional Building Methods: New Adaptations  | Golden             |
| ARCH 598: Computation and Design Technology Seminar<br>(Permanent course number pending: ARCH 586; replaces ARCH 587 Theory of Design Computing) | Méndez Echenagucia |
| ARCH 598: Responsive Digital Systems for Architecture  | Corser             |

| SUSTAINABLE SYSTEMS AND DESIGN DEGREE OPTION ELECTIVES              | INSTRUCTOR      |
|---|-----------------|
| ARCH 435: Principles and Practices of Environmental Lighting        | Darragh/Meek    |
| ARCH 439: Electric Lighting Design                                  | Brockway/Blanco |
| ARCH 525: Life Cycle Assessment and Architecture                    | Simonen         |
| ARCH 526: Topics in High Performance Building                       | Burpee          |
| ARCH 530: Integrated Building Systems                               | Crawford        |
| ARCH 534: Green Technology  | Heerwagen       |
| ARCH 535: Daylighting Design Seminar                                | Meek            |
| ARCH 536: Designing with Living Systems                             | Proksch         |
| ARCH 538: Building Re-Use Seminar                                   | Merlino         |
| ARCH 573: Sustainable Design Case Studies                           | Burpee          |
| ARCH 579: Technical Issues in Preservation Design                   | Strauss         |
| ARCH 582: Computational Lighting Design                             | Inanici         |
| ARCH 598: Biophilic Design  | Heerwagen       |
| ARCH 598: Designing Highly Effective Buildings                      | Heerwagen       |
| ARCH 598: Energy Simulation: Tools & Methods for Sustainable Design | Meek/Moroseos   |
| ARCH 598: Performative Design Practices                             | Inanici         |
| ARCH 598: Designing for People                                      | Heerwagen       |
| ARCH 598: Planning/Designing Changing Climates                      | Heerwagen       |
| ARCH 598: Structural Architecture (ARCH 505 Onouye Studio Seminar)  | Sprague         |