

YSOA YSE Elective

MArch II + MESC or MFS is a three-year research based path of study that is suitable for students who already have a first professional architecture degree. Students can expect to deepen their research practice and merge the domain of the built environment with rigorous scientific research. MArch II is a post-professional degree and MESC or MFS are Research Degrees.

	FALL	SPRING	SUMMER																																		
1ST YEAR** † YSE MATRICULATION	<table border="1"> <tr><td>ENV 551A Mixed Methods for Social Science Research</td><td>3</td></tr> <tr><td>ENV 550A Natural Science Research Methods</td><td></td></tr> <tr><td>ENV 555</td><td></td></tr> <tr><td>ENV Thesis Research Credits</td><td>3</td></tr> <tr><td>ENV MESC Formal Coursework (1/4)</td><td>3</td></tr> <tr><td>ENV MESC Formal Coursework (2/4)</td><td>3</td></tr> <tr><td>TOTAL</td><td>12</td></tr> </table>	ENV 551A Mixed Methods for Social Science Research	3	ENV 550A Natural Science Research Methods		ENV 555		ENV Thesis Research Credits	3	ENV MESC Formal Coursework (1/4)	3	ENV MESC Formal Coursework (2/4)	3	TOTAL	12	<table border="1"> <tr><td>ENV Thesis Research Credits</td><td>3</td></tr> <tr><td>ENV MESC Formal Coursework (3/4)</td><td>3</td></tr> <tr><td>ENV MESC Formal Coursework (4/4)</td><td>3</td></tr> <tr><td>ARCH 4254B/ENV 643 Joint Degree Research Colloquium (recommended in first year)</td><td>3</td></tr> <tr><td>ARCH/ENV Elective</td><td>3</td></tr> <tr><td>TOTAL</td><td>15</td></tr> </table>	ENV Thesis Research Credits	3	ENV MESC Formal Coursework (3/4)	3	ENV MESC Formal Coursework (4/4)	3	ARCH 4254B/ENV 643 Joint Degree Research Colloquium (recommended in first year)	3	ARCH/ENV Elective	3	TOTAL	15	<table border="1"> <tr><td>ARCH 1062C Resources for Design Research</td><td>0</td></tr> <tr><td>ENV YSE MODs: Self to System; Science to Solutions (late summer)</td><td>0</td></tr> <tr><td>ENV Continue Thesis Research</td><td>0</td></tr> <tr><td>TOTAL</td><td>3</td></tr> </table>	ARCH 1062C Resources for Design Research	0	ENV YSE MODs: Self to System; Science to Solutions (late summer)	0	ENV Continue Thesis Research	0	TOTAL	3
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<p>* YSE foundations courses may be waived ** must apply to YSoA in Fall of First (1st) Year † 15 credits max during YSE semesters (recommended)</p>																																					
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CREDITS

MArch (54 Required)
MESC/MFS (36 Required)
Electives
(90 total required)

KEY CURRICULAR BRIDGE COURSES

These are courses that offer opportunities to bridge and integrate dual degree topics, research and work opportunities.

- MODs: Summer Orientations Modules
- YSE Internship / Research Project: Targeted Internships
- Joint-Degree Research Colloquium Course
- YSE Capstone: Co-Advisors with YSE / YSOA

Electives: Updated CourseList

PROGRAM LEADERSHIP

YSE Faculty Director: Karen Seto
 YSOA Faculty Director: Mae-ling Lokko
 YSE Program Coordinator: Aicha Woods
 YSOA Program Coordinator: Jen Shin

FACULTY ADVISORS

Faculty research advisors play a key role in the MFS/MESC program. In addition to overseeing their scientific research, advisors collaborate with students to design and approve their unique course of study. Faculty provide guidance in selecting courses to support the design, execution, and communication of students' master's research and align with students' career goals. They also serve as a resource during the process of proposing and completing the master's thesis.

NOTE: Applicants should connect with potential advisors before applying to the program. When applying, applicants will be asked to submit the names of three faculty members with whom they are interested in working. Advisors will be selected from that submitted list upon admission to the program.

