

MARCH I + MESC/MFS JOINT DEGREE PROGRAM

MARCH I to MESC or MFS Pathway Program of Study: begin at YSOA

YSOA YSE Elective

MARCH I + MESC or MFS is a four-year hybrid course and research path of study that is suitable for students who do not have a prior professional architecture degree. Students can expect to gain architecture foundations while pursuing their own environmental or forest research to merge these two domains during their course of study. MARCH I is a professional degree and MESC/MFS are Research Degrees.

1ST YR.\* YSOA MATRIC.

FALL

ARCH 1011A Architectural Design	9
ARCH 2011A Structures I	3
ARCH 3011A Architecture and Modernity: Sites and Spaces	3
ARCH Visualization Elective	3
<b>TOTAL</b>	<b>18</b>

SPRING

ARCH 1012B Architectural Design	9
ARCH 2012B Structures II	3
ARCH 2016B Building Project I	3
ARCH 3012B Architecture and Modernity: Theories and Projects	3
<b>TOTAL</b>	<b>18</b>

SUMMER

ARCH 1000C Architectural Foundations	0
ARCH 2017C Building Project II	3
ARCH 1019C Visualization and Computation	3
<b>TOTAL</b>	<b>6</b>

\* first opportunity to apply to YSE in Fall of First (1st) Year (recommended)

2ND YEAR\*

ARCH 1021A Architectural Design	9
ARCH 2021A Environmental Design	3
ARCH 4011A Intro to Urban Design	3
ARCH / ENV Elective	3
<b>TOTAL</b>	<b>18</b>

ARCH 1022B Architectural Design	9
ARCH 2022B Systems Integration	3
ARCH 2031A Arch. Practice & Management	3
ARCH 4254B / ENV 643 Joint Degree Research Colloquium (recommended in second year)	3
<b>TOTAL</b>	<b>18</b>

ARCH Summer Travel Course (early summer)	3
ENV YSE MODs: Self to System; Science to Solutions (late summer)	0
<b>TOTAL</b>	<b>3</b>

\* second opportunity to apply to YSE in Fall of Second (2nd) Year

3RD YEAR† YSE MATRICULATION

ENV 551A Mixed Methods for Social Science Research	3
or ENV 550A Natural Science Research Methods	
ENV Thesis Research Credits	3
ENV MESC Formal Coursework (1/4)	3
ENV MESC Formal Coursework (2/4)	3
<b>TOTAL</b>	<b>12</b>

ENV Thesis Research Credits	3
ENV MESC Formal Coursework (3/4)	3
ENV MESC Formal Coursework (4/4)	3
ARCH / ENV Elective	3
<b>TOTAL</b>	<b>12</b>

ENV Continue Thesis Research	0
<b>TOTAL</b>	<b>3</b>

† 15 credits max during YSE semesters (recommended)

4TH YEAR†

ARCH Advanced Studio	9
ENV Thesis Research Credits	3
<b>TOTAL</b>	<b>12</b>

ARCH Advanced Studio	9
ENV Thesis Research Credits	3
ENV YSE Research Colloquium	0
ARCH / ENV Elective	3
ARCH / ENV Elective	3
<b>TOTAL</b>	<b>9</b>

† 15 credits max during YSE semesters (recommended)

These templates should be used as an example of a path that a YSOA+E joint degree student could follow. Always review with advisors and registrars at each school and refer to YSOA and YSE websites for up to date information.

CREDITS

MArch (96 required)
MEM (36 required)
Electives
(132 total required)

KEY CURRICULAR BRIDGE COURSES

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

- MODs:
- 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.

