

MARCH I + MESc/MFS JOINT DEGREE PROGRAM

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, for the official records of current degree requirements visit the respective YSoA and YSE websites.

FALL
ENV 551A Mixed Methods for Social Science Research3or ENV 550A Natural Science Research Methods3 ENV Thesis Research Credits3 ENV MESc Formal Coursework (1/4)3 ENV MESc Formal Coursework (2/4)3
TOTAL12

** must apply to YSoA in Fall of First (1st) Year
† 15 credits max during YSE semesters (recommended)

2ND YR.† YSOA MATR.
ARCH 5001 Architectural Design I9 ARCH 6006 Structures I3 ARCH Visualization Elective3 ARCH 7001 Architecture and Modernity Theories and Projects3
TOTAL18

3RD YEAR
ARCH 5003 Architectural Design III9 ARCH 6005 Environmental Design3 ARCH 8001 Intro to Urban Design3
ARCH / ENV Elective3
TOTAL18

4TH YEART
ARCH Advanced Studio9 ARCH / ENV Elective3 ENV Thesis Research Credits3
TOTAL15

† 15 credits max during YSE semesters (recommended)

SPRING
ENV Thesis Research Credits3 ENV MESc Formal Coursework (3/4)3 ENV MESc Formal Coursework (4/4)3
ARCH / ENV Elective3 ARCH / ENV Elective3
TOTAL15

ARCH 5002 Architectural Design II6 ARCH 6007 Structures II3 ARCH 6003 Building Project I6 ARCH 7002 Architecture and Modernity: Sites and Spaces3
TOTAL18

ARCH 5004 Architectural Design IV9 ARCH 6008 Systems Integration3 ARCH 6002 Arch. Practice & Management3
ARCH / ENV Elective3
TOTAL18

ARCH Advanced Studio9 ENV Thesis Research Credits3 ENV YSE Research Colloquium0
TOTAL12

KEY CURRICULAR GLUE COURSES

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

- MODs: Architecture Faculty, PhD Students
- YSE Internship / Research Project: Targeted Internships
- Joint–Degree Research Colloquium Course
- YSE Capstone: Co–Advisors with YSE / YSOA

Electives: Updated Courselist

MESc or MFS to MArch I Pathway
Program of Study: begin at YSE

YSOA	YSE	Elective
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SUMMER 0
ENV YSE MODs: Self to System; Science to Solutions (late summer)0
TOTAL0

SUMMER 1
ARCH 5090 Architectural Foundations0 ARCH 5091 Fundamentals of Modeling and Fabrication0
ENV Continue Thesis Research0
TOTAL0

SUMMER 2

ARCH 6004 Building Project II3 ARCH 5092 Visualization and Computation3
ENV Continue Thesis Research0
TOTAL6

SUMMER 3

ARCH Summer Travel Course (early summer)3
ENV Continue Thesis Research0
TOTAL3

CREDITS

MArch (96 required)	93
MEM (36 required)	30
Electives	12
(132 total required)	
TOTAL CREDITS	135

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.

PROGRAM LEADERSHIP

YSE Faculty Director: Karen Seto
YSOA Faculty Director: Mae–ling Lokko
YSE Program Coordinator: Aicha Woods