

MARCH II + MESC/MFS JOINT DEGREE PROGRAM

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/MFS are Research Degrees, for the official records of current degree requirements visit the respective YSoA and YSE websites.

1ST YEAR* YSOA MATRIC.

FALL	
ARCH Advanced Design Studio	9
ARCH 7003 Design Research I	3
ARCH / ENV Elective	3
ARCH / ENV Elective	3
TOTAL	18

* Must apply to YSE in Fall of first year

SPRING

ARCH Advanced Design Studio	9
ARCH 7004 Design Research II	3
ARCH/ENV Elective	3
ARCH/ENV Elective	3
TOTAL	18

SUMMER 0

ARCH 5093 Resources for Design Research	0
ARCH 5091 Fundamentals of Modeling and Fabrication	0
TOTAL	3

2ND YEAR† YSE MATRICULATION

ENV 551A Mixed Methods for Social Science Research or ENV 550A Natural Science Research Methods	3
ENV Thesis Research Credits	3
ENV MESc Formal Coursework (1/4)	3
ENV MESc Formal Coursework (2/4)	3
ARCH / ENV Elective	3
TOTAL	15

† 15 credits max during YSE semesters (recommended)

ENV Thesis Research Credits	3
ENV MESc Formal Coursework (3/4)	3
ENV MESc Formal Coursework (4/4)	3
ARCH / ENV Elective	3
TOTAL	12

SUMMER 2

ENV Continue Thesis Research	0
TOTAL	0

3RD YEAR†

ARCH 5005 Independent Design Research Studio Part I	9
ENV Thesis Research Credits	3
ARCH / ENV Elective	3
TOTAL	15

† 15 credits max during YSE semesters (recommended)

ARCH 5006 Independent Design Research Studio Part II	9
ENV Thesis Research Credits	3
ENV YSE Research Colloquium	0
TOTAL	12

CREDITS

MARch (54 Required)	45
MESc/MFS (36 Required)	30
Electives	18
(90 total required)	
TOTAL CREDITS	93

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

PROGRAM LEADERSHIP

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

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.

