

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

FALL		
1ST 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
TOTAL		12

SPRING		
	ENV Thesis Research Credits	3
	ENV MESC Formal Coursework (3/4)	3
	ENV MESC Formal Coursework (4/4)	3
	ARCH/ENV Elective	3
	ARCH/ENV Elective	3
TOTAL		15

SUMMER 0		
ENV YSE MODs: Self to System; Science to Solutions (late summer)		0
SUMMER 1		
ARCH 5093 Resources for Design Research		0
ARCH 5091 Fundamentals of Modeling and Fabrication		0
ENV Continue Thesis Research		0
TOTAL		3

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

2ND YR.† YSOA MATR.		
	ARCH Advanced Design Studio	9
	ARCH 7003 Design Research I	3
	ARCH/ENV Elective	3
	ARCH/ENV Elective	3
TOTAL		18

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

SUMMER 2		
ARCH Summer Travel Course (early summer)		3
ENV Continue Thesis Research		0
TOTAL		3

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

	ARCH 5006 Independent Design Research Studio Part I	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 oppotunities.

- 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 nomes of three faculty members with whom they are interested in working. Advisors will be selected from that submitted list upon admission to the program.

