

MARCH I + MEM JOINT DEGREE PROGRAM

MARch I + MEM is a four–year course–based path of study that is suitable for students who do not have a prior professional architecture degree. Students can expect to gain both architectural foundations and environmental management expertise and merge these two domains during their course of study. MARch I and MEM are both professional degrees, for the official records of current degree requirements visit the respective YSoA and YSE websites.

FALL		
ENV 553 Perspectives: Environmental Leadership I + II	3	
ENV 511* Ecological Foundations for Env. Managers	1.5	
ENV 512* Microeconomics Foundations for Env. Managers	1.5	
ENV 521* Physical Science Foundations for Env. Managers	1.5	
ENV 522* Human Science Foundations for Env. Managers	1.5	
ENV 728* Intro to Statistics and Data Analysis in the Environmental Sciences	1.5/3	
ENV Specialization Core (1/2)	3	
ENV Professional Skills Modules (1/3)	0	
TOTAL	15	

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

ARCH 5001 Architectural Design I	9	
ARCH 6006 Structures I	3	
ARCH 7001 Architecture and Modernity: Theories and Projects	3	
ARCH Visualization Elective	3	
TOTAL	18	

ARCH 1021 Architectural Design III	9	
ARCH 6005 Environmental Design	3	
ARCH 8001 Intro to Urban Design	3	
ARCH/ENV Specialization Elective (3/4)	3	
TOTAL	18	

ARCH Advanced Studio	9	
ARCH / ENV Elective	3	
ARCH / ENV Elective	3	
ENV Professional Skills Modules (3/3)	0	
TOTAL	15	
† 15 credits max during YSE semesters (recommended)		

CREDITS

MARch (96 required)	93
MEM (36 required)	30
Electives	15
(132 total required)	
TOTAL CREDITS	138

ENV Specialization Core (2/2)	3	
ARCH / ENV Specialization Elective (1/4)	3	
ARCH / ENV Specialization Elective (2/4)	3	
ENV Professional Skills Modules (2/3)	0	
ARCH / ENV Elective	3	
ARCH / ENV Elective	3	
TOTAL	15	

ARCH 5002 Architectural Design II	6	
ARCH 6007 Structures II	3	
ARCH 6003 Building Project I	6	
ARCH 7002 Architecture and Modernity: Sites and Spaces	3	
TOTAL	18	

ARCH 5004 Architectural Design IV	9	
ARCH 6008 Systems Integration	3	
ARCH 6002 Arch. Practice & Management	3	
ARCH / ENV Specialization Elective (4/4)	3	
TOTAL	18	

ARCH Advanced Studio	9	
ENV Capstone or Independent Project	3	
ARCH / ENV Elective	3	
TOTAL	15	

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

MEM to MARch I Pathway

Program of Study: begin at YSE

YSOA

YSE

Elective

ARCH 1000C Architectural Foundations	0	
ARCH 5091 Fundamentals of Modeling and Fabrication	0	
ENV YSE MODs: Self to System; Science to Solutions (late summer)	0	
TOTAL	0	

ARCH 6004 Building Project II	3	
ARCH 5092 Visualization and Computation	3	
TOTAL	6	

ARCH Summer Travel Course (early summer)	3	
ENV Internship or Research Project (10–12 weeks)	0	
TOTAL	3	

ARCH Summer Travel Course (early summer)	3	
ENV Internship or Research Project (10–12 weeks)	0	
TOTAL	3	

PROGRAM LEADERSHIP

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

