MIT Civil and Environmental Engineering
Master of Engineering, *Environmental Engineering Science*

Summary of Requirements

The Master of Engineering in Environmental Engineering consists of a structured program of at least 90 units, including a minimum of 66 units of graduate level subjects, and thesis approved by the department. The thesis must reflect a minimum of 24 units. A minimum of 4 subjects, totaling 48 units, must be offered within the Department of Civil and Environmental Engineering, totaling at least 48 units

1.THG / Thesis Guidelines for 9 Month Degree Completion

You must register for 1.THG in every term, including IAP.

The MEng thesis consists of an individual research project conducted in close collaboration with a faculty thesis supervisor. Thesis research begins immediately upon arrival at MIT, and concludes in May with the submission of the signed thesis document. The deadline for thesis submission is **May 6, 2022**.

See MIT Academic Calendar Link for September and February Thesis Submission Dates
https://registrar.mit.edu/calendar

Typical Progress through Degree

September-October 2021
Thesis topic exploration, preliminary literature review.

November-December 2021
Literature review completed, research question and methodology established, preliminary research results gathered, thesis outline started.

January-February 2022
Research methodology(ies) carried out, including numerical and computational work, physical experiments, etc. Students are expected to be present on campus during IAP conducting research.

March 2022
Final research results and analysis/interpretation completed, writing on all chapters initiated.

April-May 2022
Thesis revising, editing, submission, and presentation.

Key 1.THG Dates and Assignments, Fall 2021

17 September 2021, 12pm – 2 pm Location TBD
MIT Libraries for MEng Students

Deliverable 1: 8 October 2021
Preliminary literature review submitted to advisor
Select and annotate three scholarly publications representative of your interests and possible focus of the MEng thesis. A written paragraph devoted to each publication should summarize the completed research and propose future work that could be done toward the thesis. This document should be used in conversations with your thesis supervisors.

Deliverable 2: 22 October 2021
Thesis proposal signed by supervisor due to APO [cee-apo@mit.edu]
Prepare a one-page abstract described the proposed research. The abstract should introduce the topic, outline a research methodology, and summarize the goals of the work. The thesis supervisor must sign the abstract to indicate their agreement in supervising the proposed topic.
Submit signed copy of thesis proposal electronically.

Deliverable 3: 10 December 2021
Thesis outline due to supervisor
Outline of thesis should include the five standard chapters: 1. Introduction, 2. Literature Review, 3. Methodology, 4. Results, 5. Conclusions. The first three chapters should be more filled out, including text and images, while the later chapters can include placeholders for anticipated content.

Deliverable 4: 18 March 2022
Progress thesis draft due to supervisor
Expansion on thesis draft outline from December, including substantial updates to Literature Review, Methodology, and Results. Your supervisor will give comments and feedback in person and/or in writing on your draft.

Deliverable 5: 15 April 2022
Full thesis draft due to supervisor
Near-final thesis draft will all chapters written, and results completed, analyzed, and interpreted. This deadline is critical to receive final feedback from your supervisor.

Deliverable 6: 29 April 2022
Final thesis due to supervisor
Thesis must be formatted according to MIT Guidelines https://libraries.mit.edu/archives/thesis-specs/*, and must be thoroughly reviewed by the student for legibility, clarity of arguments, and overall quality. This is the final version to be approved by the supervisor prior to printing and submission.*

Deliverable 7: 6 May 2022
Thesis submission deadline

May 2022
Final thesis presentations by each student
Highlights from thesis research are shared by each student in research group or other format as discuss with advisor