Computational Mathematics Master's Research Project, Presentation, and Program Completion Guide

General overview:
o The Research Project is equivalent to two graduate courses
o All degree requirements, including the Research Paper, must be completed by the end of your final term.
o You and your research supervisor are responsible for finding a second reader for the Research Paper and setting the date of the Research Presentation
o The research supervisor and the second reader sign a Milestone form to indicate successful completion of the research project and presentation
o It is to be understood by the students that their Research Paper may be made electronically available to the public.

Deadlines:
o You must submit your **Research Paper** (electronic copy), as well as a filled and signed **Milestone form** (printed) to the **Administrative Coordinator** <u>at least a week before the end of term</u> (i.e. April 23 for winter, August 24 for spring, and December 21 for fall term)
o You must **"apply to graduate" in Quest** before the convocation deadline (April 30 for spring Convocation; August 31 for fall Convocation).
o Presentations will take place **during the last month of term.**

Research Paper Presentation:
CM Master's students will present their work in oral presentations of approximately 20 minutes duration. These presentations are not formally evaluated.

Research Paper Guidelines:
The research paper is written under the guidance of one or more research supervisors, and contains front matter, body text, and back matter. The paper may or may not contain original research.
Front matter of the paper includes a title page, an author's declaration, statement of contributions (if needed), an abstract, acknowledgements, dedication (optional), and table of contents. These are numbered by Roman numerals, except for the title page.
The main body of the report is the part of the document that fully describes the project, including what was done, how it relates to other works in the field, results, and discussion. The body text is usually 25 to 40 pages in length. Keep the language clear and concise. It is recommended that someone edit this part of the paper, especially if English is not your first language. The sections are numbered 1, 2, 3, 4 etc. and either footnotes or endnotes are used to cite referenced work.
The back matter contains a letter of copyright permission (if needed), references or bibliography, and the appendices, glossary, and/or index (if desired).
For more information on the parts of the research paper, and formatting requirements, use the guidelines from Graduate Studies' "Preparation of the thesis" webpage: https://uwaterloo.ca/graduate-studies/current-students/thesis/preparation-thesis.
Note, however, that the research paper is not a thesis, so thesis-specific guidelines on this webpage do not apply to the research paper construction. Research papers are not posted to UWSpace, as they are not theses, but they are found on Comp Math's "Past students" webpage: https://uwaterloo.ca/computational-mathematics/graduate-students/past-students