

WRITING GUIDE FOR THE PHD ORAL EXAMINATION (GMC-8000) AND FOR THE MASTERS STUDIES AND RESEARCH PROGRAM

This document must be prepared by the student. It is important to have it revised by the director prior to send it to the thesis committee. It shows the most important scientific and organisational aspects of the research project. This plan must have a maximum of 15 pages for masters and 20 pages for PhD.

Studies and Research Plan

1. General informations:

- Student name, 1st registration session, identification number (NI), research director and co-director.

2. Description of the intended research project:

- Title of the research project;
- Introduction;
- The general context (environmental, economic, etc.) and the context specific to the research team of the student (pursuit of previous works, collaboration with private enterprises...);
- The review of relevant scientific documentation about the research subject. This review includes a first glimpse of relevant scientific documentation, including international publications and those of the research team;
- The research problematic arising from the literature review;
- The general and specific research objectives defined as precisely as possible;
- The research methodology, clarifying for example the research type, working hypothesis, dependent and independent variables, ways and methods to be used to do the research (test bench, equipment, software, etc.), relevant verification and validation elements, expected results;
- The main research steps: calendar and schedule in chart form including literature review, the research and dissertation or thesis writing;
- Conclusion.

3. Expected Student's Schedule and Steps:

- The course program of the student and expected deliverables: participation in seminars, symposia and conferences; publications;
- Requirements for the dissertation or the thesis (extent, format, details if it is a paper-based thesis, etc.) considering the rules specific to the program.

4. Special elements in relation with the methods of supervision, for example:

- Manner in which the collective supervision will be done, if any;
- Arrangements in the case of part-time work or a prolonged absence from the student or the supervisor.

5. Special research Framework, for example:

- If the subject is related to a granted or contractual research, specify the elements on intellectual property, ethics, confidentiality, and communications pertinent to the research.

6. Signatures (student, supervisor, co-supervisor)