

MASTERS IN METEOROLOGY NEW CURRICULUM (THESIS OPTION)

Objectives

The M.S. (Meteorology) Program aims to provide students with adequate education in meteorology that will prepare them for scientific careers in government, academic and research institution. The program envisions to fill the need for highly qualified meteorologist in the country.

Admission into the Program

Admission into the M.S. (Meteorology) Program requires a Bachelor of Science degree from a recognized institution of higher learning. Applicants must have sound background in physics and mathematics and must possess a higher degree of intellectual capacity for graduate study. Other applicable admission requirements are the same as those listed in the College of Science Guidelines for Graduate Programs.

General Requirement

To qualify for M.S. (Meteorology) under the Thesis Option, a student must:

- a. complete a minimum of twenty-four (24) units of formal graduate courses consisting of 18 units of core courses and at least 6 units of elective or specialization courses
- b. maintain a cumulative weighted average grade of "2.0" or better in his graduate courses at the end of each academic year
- c. complete one (1) unit of graduate seminar course
- d. successfully defend a Master's Thesis in master's examination and
- e. submit at least six (6) bound and certified copies of the approved Master's Thesis.

Course Curriculum

Every student under the M.S. program shall be required to complete at least twenty-four (24) units of formal graduate courses consisting of fifteen (15) units of core courses and at least nine (9) units of specialization or elective courses and 1 unit of Graduate Seminar.

Master's Thesis

1) Nature

Each student in the Thesis Option shall be required to submit a master's thesis which must be scholarly work embodying a supervised scientific research by the student and presenting, in a scholarly manner, a worthwhile contribution to scientific knowledge in Meteorology.

2) Thesis Adviser and Reader

After a student in the Thesis option finds a suitable Thesis Adviser, he/she will be assigned a Thesis Reader by the Meteorology Graduate Committee. In special cases requiring joint advising, a Thesis Co-Adviser may be assigned to the student in addition to a Thesis Reader. Either the Thesis Adviser or Co-Adviser,

but not both, may belong to an external institution. The Thesis Reader may also belong to an institution outside UP Diliman. The Thesis Adviser and the Thesis Reader (as well as the Co-Adviser, if any) shall be formally appointed by the Dean upon the recommendation of the Meteorology Graduate Committee. They shall be responsible for:

- a. advising the students in the preparation of his/her thesis proposal,
- b. guiding and supervising his/her thesis research, and
- c. endorsing his/her master's thesis for defense in Master's Examination.

3) Thesis Process

a. Thesis Proposal

Before the thesis research can be formally started, the student must first prepare a written thesis proposal with the advisee of his/her Thesis Adviser and Thesis Reader (as well as thesis Co-Adviser, if any) and submit it to the Meteorology Graduate Program Committee for approval. Upon approval of his/her Thesis Proposal, the student may then proceed to carry out his/her thesis research. A certified copy of the approved thesis proposal must be submitted by the Meteorology Graduate Committee to the Graduate Office of the College.

b. Defense of Master's Thesis

Upon completion of the master's thesis and its endorsement by the Thesis Adviser and the Thesis Reader to the Meteorology Graduate Program committee, the latter shall recommend to the Dean the formal appointment of two (2) Thesis Examiners who, together with the Thesis Adviser and Thesis Reader (plus the Thesis Co-Adviser, if any) shall constitute the Master's Examination Panel of four (4) or five (5) members. The Thesis Reader or one of the Thesis Examiners shall be designated by the Thesis Adviser to chair the Master's Examination Panel.