

The Master in Disaster Risk and Resilience (MDDR) is designed to advance interdisciplinary and trans-disciplinary approaches in addressing risk and building resilience. The program integrates theory, methods, and skills in both the physical and social sciences into a problem-focused and solutions-driven program that employs the systems thinking lens of analysis. This program aims to produce leaders, managers, and professionals who can build capacities in disaster risk and resilience in their respective sectors and can work in collaborative decision-making platforms.

Rationale

- Contribute to the realization of the SFDRR through UN ASTAAG and UNISDR ARISE using science-based education and training in DRR in partnership with private sector (business and industry); government (national and local government unit) and non-government organizations (local and international).
- Enhance pre- and post-disaster recovery plans and programs to build institutional capacity for effective prevention, preparedness, and building resilience.
- Increase trained professionals and practitioners in all phases of DRR.
- Respond globally and locally to the need for new knowledge and action to implement and align the SFDRR, SDGs, and the Paris Climate Agreement.

Program Design

Jointly designed and delivered by the Ateneo de Manila University's Department of Environmental Science (School of Science and Engineering), Department of Sociology and Anthropology (School of Social Sciences), the Manila Observatory, and the Ateneo Innovation Center.

Scholarship Opportunities

The Juan and Isabel Zapanta Foundation offers a scholarship grant for deserving students. Two scholarships will be available starting School Year 2026-2027. Please send inquiries to envisci.sose@ateneo.edu.



ATENEO DE MANILA UNIVERSITY

MASTER IN DISASTER RISK AND RESILIENCE

Advancing interdisciplinary and trans-disciplinary approaches to addressing risk and building resilience

Contact Us

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Program Requirements

- Complete twenty-one (21) units of required Foundational Courses, six (6) units of Electives, one (1) unit of Graduate Seminar.
- Pass the Comprehensive Examination prior to doing the Master's Project. The exam will cover the seven (7) Foundational Courses and one (1) Elective to be chosen by the student.
- Successfully present and orally defend the Project Proposal, resulting in acceptance of said proposal by the adviser and panelists.
- Successfully present and orally defend the Project Paper, resulting in acceptance of the Project Paper by the adviser and panelists.
- Present project/research work in a Graduate Research Colloquium, national or international conference.

Course Offerings

FOUNDATIONAL COURSES (3 units each)

DDR 201 Theory and Practice of Disaster Risk and Resilience

DDR 202 Hazard Assessment (Integrated Risk Assessment)

DDR 203 Risk and Resilience: Focus on Climate Disasters, Development and Humanitarian Action

DDR 204 Risk Governance

DDR 205 Technologies for Disaster Resilience

DDR 206 Disaster Risk Statistics and Data Analysis

DDR 207 Quantitative-Qualitative Research Methods for Disaster Risk and Resilience

ELECTIVES (6 units)

GRADUATE SEMINAR (3 units)

COMPREHENSIVE EXAM

SPECIAL PROJECT (6 units)

DDR 298.1 and **DDR 298.2** Project I and II

Admission Requirements

- Graduates of **any bachelor's degree** are eligible for the MDDR Program.
- Applicants must pass the **Ateneo Graduate School Entrance Test**.
- Applicants should submit a **Statement of Purpose** that (1) provides their background including, field of study and relevant work experiences; (2) explains motivation for pursuing the MDDR Program; and (3) discusses the initial research/project proposal. Applicants will be evaluated individually and may be called for an interview to assess their suitability for the program.
- Applicants will also be required to take a diagnostic exam designed specifically for the MDDR Program after passing the Graduate School Entrance Test. The results of the diagnostic exam will be used to prescribe bridging programs as necessary.

List of Requirements

to be submitted to the Office of the Associate Dean for Graduate Programs

- 1 filled-out **Application Form** (and photocopy)
- 2 copies of **Essay or Statement of Purpose**
- 2 photocopies of **Transcript of Records** of undergraduate and graduate records *(if applicable)*
- 4 colored 2x2 size **ID Pictures**
- 3 duly accomplished **Recommendation Forms**
- 2 photocopies of **Birth Certificate**
- 2 photocopies of **Marriage Certificate** *(for married women)*

**Application and
Admission Process**

