

**MASTER IN DISASTER RISK AND RESILIENCE  
SCHOOL YEAR 2017-2018**

**1. REQUIREMENTS OF THE PROGRAM**

The student in Master in DRR must

- a. Complete twenty one (21) units of the required foundational courses, six (6) units of electives, one (1) unit of Graduate Seminar.
- b. 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.
- c. Successfully present and orally defend the Project Proposal resulting to acceptance of said proposal by the adviser and panelist.
- d. Successfully present and orally defend the Project Paper resulting to acceptance of the Project Paper by the adviser and panelist.
- e. Present project/research work in a Graduate Research Colloquium, national conference or international conference.

**2. REQUIRED SUBJECTS**

**Foundational Courses (21 Units)**

DRR 201	Theory and Practice of Disaster Risk and Resilience	3
DRR 202	Hazard Assessment	3
DRR 203	Risk and Resilience: Focus on Climate Disasters, Development and Humanitarian Action	3
DRR 204	Risk Governance	3
DRR 205	Technologies for Disaster Resilience	3
DRR 206	Disaster Risk Statistics and Data Analysis	3
DRR 207	Quantitative-Qualitative Research Methods for Disaster Risk and Resilience	3

**Electives (6 Units)**

The student must take any two (2) Graduate Level courses from the Loyola Schools, as relevant to their proposed research, and as approved by their thesis adviser or the program directors. Examples of these courses are EM 231 (Environmental Modeling) and ES 225 (Fundamentals of GIS and RS) to enhance skills acquired from the foundational course. A master list of all graduate level courses provided by the Department of Environmental Science can be found in Annex D. Students working on climate- and weather-related hazards may also take courses under the MS Atmospheric Science program of the Physics Department.

## **Graduate Seminar (3 Units)**

DRR 290 Integrative Seminar and Field Applications 3

This course serves as a stepping stone for a project proposal – students are expected to complete preparatory work such as a literature review and a preliminary presentation/paper on their proposed topic.

### **3. Comprehensive Examinations (DRR COMPRE 200)**

The comprehensive exam must be taken after all the coursework (except for the DR207 seminar and thesis courses) have been completed. The student must pass the exam to be eligible to enroll in the project courses (DRR 295 and DRR 296).

### **4. Special Project (6 Units)**

DRR 295 Project I 3

DRR 296 Project II 3

The project must identify and address a specific issue, topic, need or challenge in the field of disaster risk management and resilience-building. The project may involve the application of principles learned in the course to concrete issues in the student's home organization. DRR 295: Project I will require project design and proposal defense, while DRR 296: Project II will require final project paper writing and defense.