



DISTANCE LEARNING CENTRE
Ahmadu Bello University

STUDENT HANDBOOK

DISASTER RISK MANAGEMENT

COURSES, CREDIT UNITS AND STATUS FOR MASTERS PROGRAMME**FIRST SEMESTER**

COURSE CODE	COURSE TITLE	STATUS	CREDIT UNITS
DRMS 800	Research Project	Core	8
DRMS 801	Research Project Writing	Core	3
DRMS 803	Natural and man-made hazards and their Management	Elective	3
DRMS 805	Vulnerability Capacity Assessment	Core	3
DRMS 807	Disaster Risk Management and Development Studies Policies and Plans	Core	3
DRMS 809	Media, ICT and Disaster Management	Elective	3
DRMS 811	IDP Shelter/Camp Management	Core	3
DRMS 813	Applications of R/S and GIS in Disaster Management	Elective	3
DRMS 815	Public Health aspects in Disaster management	Core	3
DRMS 817	Emergency Preparedness Response	Core	3
DRMS 819	Field Course	Core	3

COURSES, CREDIT UNITS AND STATUS FOR MASTERS PROGRAMME**SECOND SEMESTER**

COURSE CODE	COURSE TITLE	STATUS	CREDIT UNITS
DRMS 800	Project	Core	8
DRMS 802	Management of Media Relations	Elective	3
DRMS 804	Conflict Management	Core	3
DRMS 806	Trauma Management	Core	3
DRMS 808	Community Participation in Disaster Management	Core	3
DRMS 812	Search and Rescue Operations	Core	3
DRMS 814	Climate Change and Food Security	Core	3
DRMS 816	Resettlement, Reconstruction and Recovery Planning and Management	Elective	3
DRMS 818	Disaster Risk Reduction and Climate Change Adaptation	Elective	3
DRMS 822	Damage, Loss and Needs Assessment	Core	3

SUBJECT DESCRIPTION (MASTERS)

DRMS 801 Research Project Writing (3CU)

- Development of knowledge and skills of students to conduct qualitative and quantitative research. Planning, design and management of practical research and coining skills in proposal writing, abstracting, methodology, referencing etc. Understanding participatory action research (PAR). Construct and present a project proposal for mini dissertation.

DRMS 803 Natural and Unnatural Disasters and their Management (3CU)

- Categories and characteristics of disaster threats. Environmental and other hazards. Identification, description and management of all potential hazards that may occur in an area. Man-made crises, political, religious etc. Critical and common factors in responding to disasters. Principles of few natural and human-made disasters. Formulation of hazard and risk reduction strategies. Formulation of prevention and mitigation strategies.

DRMS 805 Vulnerability and Capacity Assessment (3CU)

- Execution of qualitative and quantitative methods of risk and vulnerability assessment. Integrated risk and resources assessment. Hazard mapping. Determination of potential disaster losses. Establishing levels of acceptable risk. Utilizing GIS as a means to manage risk and vulnerability assessment. The purpose of conducting VCA, Principles of VCA, VCA process, VCA methodology/tools, VCA data Analysis and writing of VCA report.

DRMS 807 Disaster Risk Management and Development Studies Policies and Plans (3CU)

A review of DRM policies and plans in Nigeria; including national Disaster Management Framework; National Disaster Response Plan, Search and Rescue Epidemic Evacuation plan, Contingency plan on infrastructure resuscitation, national Nuclear and radiological plan, Nigerian National Influenza Pandemic Response Plan, Military Assistance to Civil Authority Plan. etc

DRMS 809 Media, ICT and Disaster Management (3CU)

- Understanding the link between decision-making and information. Classification of information systems that can have an impact on the dynamic disaster environment. Demonstrate the process of the development of a Management Information System. Understand the concept of simulation decision-making for Disaster Management. Demonstrate how different information technologies can be used in Disaster Management. Pay attention to information needed within the organizational context. The importance of information to the manager, how he/she applies it, how the information is retrieved and from what type of source are only a few of the issues which will be discussed. Applications of information in the industry, information systems and their management, as well as the integrity thereof will be explored.

DRMS 811 IDP Shelter/Camp Management (3CU)

- The main aim of this course to expose students to understanding the situations and experiences of IDPs and build their skills for managing their needs and challenges; Understand key steps in setting up, and operating humanitarian assistance program; Understand the routine, roles and functions, work commitments and the essential

aspects of administration and reporting; Develop skills for RHAP design, operating procedures, data management, and delivery of essentials services; Understand ways to plan and manage emergency shelter as well as the principles of design of camp shelter and related facilities and activities.

DRMS 813 Applications of Remote Sensing and GIS in Disaster Management (3CU)

- Definitions, energy sources, radiation principles and interaction with different bodies, highlights of remote sensing systems, the basics of manual and digital image analysis.

DRMS 815 Public Health Aspects in Disaster Management (3CU)

- Understanding concepts related to Public Health with regard to biological, community health and psychosocial and certain mental health implications of disasters. Biological warfare, Veterinary risk, Epidemiology, Community Assessment, Infection Control and Preventative Disease. Handling and management of health risks during disasters and/or conflict. Psycho-social aspects of HIV/AIDS and mental health burn-out.

DRMS 817 Emergency Preparedness Response (EPR) (3CU)

- Overview of Disaster preparedness; Disaster preparedness measures; Response mechanisms and Strategies; Preparedness Planning and Coordination; Information management; early Warning Systems; Resource Mobilization; Public education, Training and Exercises etc.

819 Field Course

- Field Course (one week practical attachment programme at NEMA; visit to Emergency sites, man-made and natural hazard locations)

DRMS 800 Project (8CU)

- A written project on any aspect of Disaster Risk Management and Development Studies and Development of not less than 10,000 words must be written by each candidate.

DRMS 802 Management of Media Relations (3CU)

- Managing the media in risk information dissemination. Understanding the influence of old-fashioned charity approach and the rights-based approach to the provision of humanitarian assistance has on public participation. Role of communities in all phases of Disaster Management if a public participation programme is planned and coordinated effectively. Risk communication. Community based information dissemination.

DRMS 804 Conflict Management (3CU)

- Discuss types of conflict, causes of conflict: social, political, economic, and cultural. Trends in conflicts in Nigeria. Economic costs of conflicts. Theories of conflict resolution.

DRMS 806 Trauma Management (3CU)

- The management of crisis intervention and trauma management to support victims of traumatic incidents. Post-traumatic-stress and burnout resulting from long-term exposure to traumatic incidents and the emotional distress of victims of trauma. Coping strategies and management principles of natural disasters, human made disasters, family and sexual violence and injury, chronic and life threatening illness.

DRMS 808 Community Participation in Disaster Management (3CU)

- Community mobilization Strategies; Community based Early Warning Systems; Public education Strategies; hazard Risk Assessment; Vulnerability Assessment; Capacity assessment; Emergency Preparedness principles; Principles of Disaster Management.

DRMS 812 Search and Rescue Operations (3CU)

- Identification of size-up requirements for potential search and rescue situations; Most common techniques for searching, both interior and exterior; Safe techniques for debris removal and victim extrication; Ways to protect rescuers during search and rescue operations.

DRMS 814 Climate Change and Food Security (3CU)

- The Principle of Climate change, Causes of Climate change, Magnitude and Patterns of Climate change, reality of climate change in Nigeria, Effect of Climate change on Man and Environment, Vulnerability of Nigeria to climate change. Discusses the impact of climate change on Agriculture and food Security.

DRMS 816 Resettlement, Reconstruction and Recovery Planning and Management (3CU)

- Recovery experience: successes, difficulties, and how to overcome them; Recovery actions: physical and psychological; Housing reconstruction; Housing design; Participatory housing programme; Community resilience; Reconstruction in other sectors; management, monitoring and evaluation process; Rehabilitation services; Phasing reconstruction.

DRMS 818 Disaster Risk Reduction and Climate Change Adaptation (3CU)

- This course focuses on Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR). It looks at the issue of climate change and reality of climate change in Nigeria. Vulnerability of Nigeria to climate change. Discusses the impact of climate change and climate change adaptations. Looks at DRR and DRR practices, the Yokohama Strategy and Plan of Action for a safe World and International Strategy for Disaster Reduction (ISDR).

DRMS 822 Damage, Loss and Needs Assessment

- This Course is meant to educate Students on the Principles of Post Damage and Loss Assessment (DaLA) and Post Disaster Needs Assessment (PDNA). The Course will also cover how to conduct DaLA and PDNA. Some case studies; particularly, the 2012 Flood Disaster in Nigeria.