

CIFAL Newcastle - Master of Disaster Resilience in Sustainable Development

People

Type:	Course
Location:	Newcastle, Australia & Web Based
Date:	5 Feb 2018 to 23 Nov 2018
Duration of event:	36 Weeks
Programme Area:	Decentralize Cooperation Programme
Specific Target Audience:	No
Website:	https://gradschool.edu.au/programs/overview/master-disaster-resilience-and-susta...
Price:	No Fee
Event Focal Point Email:	Nadine.Barry@newcastle.edu.au

BACKGROUND

In early 2015 the United Nations oversaw the creation of the game-changing "Sendai Framework" in Japan - a global strategy for Disaster Risk Reduction (DRR) for 2015-2030. The result is a challenge to organisations throughout civil society and the world over to alter how they address issues of hazard and vulnerability, and deal with risk.

In parallel with these events, the University of Newcastle and the United Nations Institute for Training and Research (UNITAR) worked together in order to develop the Graduate Certificate in Disaster Risk Reduction, in order to provide graduates with the knowledge to manage the DRR process across all sectors of society. Students of the program engage fundamental disaster risk concepts, and receive training in the use of the most globally adopted DRR tools and protocols, some of these through direct engagement with UNITAR resources.

EVENT OBJECTIVES

Graduates will be able to identify hazards, vulnerability and the consequent level of risk faced by your organisation or community, you will also be able to develop evidence-based strategies to overcome them, thereby improving resilience into the future. Graduates will be capable of conducting disaster risk evaluations, and guiding the subsequent development of disaster risk mitigation and management strategies for the organisation in which they work.

LEARNING OBJECTIVES

Core courses:

1. Professional Practice Research Project (ARBE6408)

On successful completion of this course, students will be able to:

- Select and apply research strategies and methodologies appropriate to the discipline area generally and the topic area selected for study in particular.
- Complete a research report by developing, organizing, analyzing and presenting a coherent and well supported argument based on evidence.

2. Theory and Practice of Disaster Management (ARBE6601)

On successful completion of this course, students will be able to:

- Critically evaluate the concept of disaster resilience in the context of society and the physical environment.
- Effectively analyse the impact of disasters or conflicts on physical and social infrastructure and communities.
- Critically evaluate the principles and stages of disaster mitigation, response and recovery.
- Judiciously apply strategies within the social, physical and economic environment to reduce risk and mitigate against the effects of a disaster or conflict.
- Critically appraise the need to link response, mitigation and recovery of society to sustainable development of communities.

3. Policy and Social Consideration in Disaster Management (ARBE6605)

On successful completion of this course, students will be able to:

- Critically evaluate the socio-political context of a disaster
- Identify and assess social and political factors that make communities vulnerable and understand the social and political issues impacting the transition from emergency to response and from response to recovery
- Critically evaluate impact of government policy in disaster preparedness and reconstruction
- Appreciate the socio-political issues impacting on the decision making process during post disaster situation
- Systemically identify and compare a range of stakeholders who may receive damage or benefit from disaster mitigation and reconstruction activities, and judiciously assess the needs of different stakeholder groups in the event of a disaster
- Critically evaluate and apply methods to empower groups of stakeholders within decision-making processes for disaster mitigation and reconstruction activities

4. Disaster Management Economics (ARBE6606)

On successful completion of this course, students will be able to:

- Critically evaluate the role of economics in the context of resilience
- Critically evaluate economic development through sustainable disaster redevelopment
- Critically evaluate Post-disaster infrastructure reconstruction as an economic development strategy
- Appreciate the Integration of disaster risk reduction strategies to post-disaster infrastructure reconstruction

5. Government Approaches to Disaster Risk Reduction (ARBE6607)

On successful completion of this course, students will be able to:

- Identify the societal systems, policies and procedures used to govern a given geographical location in relation to potential hazards and risk reduction.
- Systematically analyse a given geographic location for potential hazards.
- Identify the potential risks arising from identified hazards.
- Develop an effective disaster risk reduction plan for the location.

6. Private Sector Approaches to Disaster Risk Reduction (ARBE6608)

On successful completion of this course, students will be able to:

- Identify the organisational, environmental and social systems, policies and procedures that influence a given private sector/non-governmental organisation for potential hazards.
- Systematically analyse a given private sector/non-governmental organisation for potential hazards

- Identify the potential risks arising from identified hazards
- Develop an effective disaster risk reduction plan for the private sector/non-governmental organisation/Public-Private Partnership.

7. Sustainable Development and the 2030 Agenda (ARBE6609)

On successful completion of this course, students will be able to:

- Explain the development of the UN SDGs and their function in guiding development activities
- Analyse and explain the relationship between goals, targets and indicators within the UN SDG framework
- Develop and apply a range of UN SDGs as part of the strategic plan for an organisation, connecting organisational goals to those of the 2030 Development Agenda.

8. Professional Practice in Disaster Management (ARBE6614)

On successful completion of this course, students will be able to:

- Critically evaluate the role of stakeholders including not-for-profit entrepreneurs, non-government organisations, emergency services, and civil/military authorities in post-disaster recovery operations and projects
- Critically evaluate and apply appropriate communication and project management approaches to deal with conflicts within disaster contexts including cross-cultural differences, trust and distrust, and alternative conflict resolution mechanisms
- Critically evaluate and apply appropriate project management strategies to address specific post-disaster challenges in contexts that may include not-for-profit organisations, private enterprises and civil society

CONTENT AND STRUCTURE

The course consists of the following four core courses:

1. Professional Practice Research Project (ARBE6408)
2. Theory and Practice of Disaster Management (ARBE6601)
3. Policy and Social Considerations in Disaster Management (ARBE6605)
4. Disaster Management Economics (ARBE6606)
5. Government Approaches to Disaster Risk Reduction (ARBE6607)
6. Private Sector Approaches to Disaster Risk Reduction (ARBE6608)
7. Sustainable Development and the 2030 Agenda (ARBE6609)
8. Professional Practice in Disaster Management (ARBE6614)

METHODOLOGY

The core courses have contact hours and assessment items specific to the each core course. Assessable items vary from course to course but can include report writing, oral presentations, assignments, projects, reflective journals and teamwork.

TARGETED AUDIENCE

The target audience is those who work in a role related to business continuity, emergency management, risk management, workplace health and safety resilience management, disaster recovery planning or simply wish to progress into such a role this program will broaden your outlook, increase your knowledge, and provide you with an unrivalled, internationally recognised and certified skill set.

ADDITIONAL INFORMATION

Participants successfully completing the program will receive a University of Newcastle testamur. Graduate will also

receive a UNITAR certificate for ARBE6608 and ARBE6609 and a UNISDR certificate for ARBE6607.

Course-fee:

The below pricing is indicative of the whole program for international students.

USD \$23,235 or AUD\$31,650

Please note that course fees are updated annually and participants should refer to the program page. For more information on how to register, please contact CIFAL Newcastle at nadine.barry@newcastle.edu.au.

Course-schedule

Trimester 1, 2018

Commences Monday 5 February 2018.

Concludes Friday 27 April 2018.

Examination period Thursday 3 May to Friday 11 May 2018.

Trimester 2, 2018

Commences Monday 21 May 2018.

Concludes Friday 10 August 2018.

Examination period Thursday 16 August to Friday 24 August 2018.

Trimester 3, 2018

Commences Monday 3 September 2018.

Concludes Friday 23 November 2018.

Examination period Thursday 29 November to Friday 7 December 2018.

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