DISASTER RESILIENCE LEADER SCI (DRLS)

DRLS 6010 Human and Social Factors (3 Credit Hours)
Outline terminology relevant to the field of disaster resilience leadership (DRL) as it pertains to human and social factors; Understand and apply relevant global, national and state policies and legislation in the field of disaster resilience; Discuss critically the ethical considerations in disaster work (social justice, human dignity, anti-oppressive); Describe, explain and apply human and social theories for DRL (Eco-systemic; structural functionalism, social capital, conservation of resources and progression of vulnerability); Discuss critically the disaster recovery process of the individual exposed to disasters as a life event from a multi-dimensional approach; Evaluate the dynamics within the family/household affected by disasters and disaster recovery; Define and outline building disaster-resilient communities; Outline and explain the role of the media and social media in DRL; Plan intervention programs within the context of the disaster management cycle; Plan disaster-related crisis and stress management programs that promote resilience; Identify the psychosocial needs of specific populations (vulnerable populations, e.g. children, the aged, animal owners, people with disabilities, poorest of the poor, HIV/AIDS, etc.); Understand and explain disaster research.

DRLS 6015 Disaster Displace & Resilience (3 Credit Hours)
Course will provide future disaster resilience leaders with a humanistic framework for understanding the cultural dynamics of forced migration and its connection to contemporary processes of global social transformation, the proliferation of transnational communities, and emergent conceptual spaces of identity formation during exile.

DRLS 6016 Vulnerable Populations (3 Credit Hours)
The Vulnerable Populations course will provide future disaster resilience leaders with a fundamental understanding of the social constructions of human vulnerability to disasters, conceptualizing populations at risk in a disaster framework and review of best practices in vulnerability reduction through capacity-building. The course offers a cross-cultural and interdisciplinary exploration of culturally sensitive strategies responsive to the needs of vulnerable populations, a comprehensive approach to engaging communities through the use of vulnerability and capacity assessment (VCA), and the social, political, economic, and cultural inequalities that represent intersecting vulnerabilities. The study of vulnerable populations will incorporate a humanistic perspective, investigating the role of cultural competence and the need for a participatory multi-stakeholder approach in community-based disaster risk reduction and sustainable development.

DRLS 6017 Gender and Disaster Risk Red (3 Credit Hours)
This course examines the critical role that women play in strengthening community resilience to multiple disasters, the importance of women’s knowledge and experience in the formulation of comprehensive adaptive strategies, and the need for their inclusion in disaster risk reduction and sustainable development planning. The course offers a cross-cultural exploration of the unique needs of women throughout the complete life-cycle of a disaster event and the advantages gained from female participation in disaster preparedness and response. The interdisciplinary study of disasters and their effects on women will investigate gender-bias in disaster practices, the cultural and organizational vulnerability of women, familial disruption and hazard perception, post-disaster domestic and sexual violence against women, and the plight of female refugees.

DRLS 6020 Disaster Operations (3 Credit Hours)
Disaster Operations is an advanced professional level examination of modern emergency management concepts, national and international trends, practical and political issues and policies, technological applications to emergency management, and the development and practical implementation of sound emergency management practices designed to protect people, communities, critical infrastructure and key assets. Included will be a brief review of the history of emergency management, legal issues, social science perspectives, planning concepts and techniques, disaster modeling, operational problems, analytical methods, special populations, and management styles. Case studies will be examined and discussed to determine the extent of effective or ineffective planning, responding, and recovering from natural and technological disasters.

DRLS 6021 Disaster & Human Assist SOP (3 Credit Hours)
DRLS 6022 Catastrophic Crises (1-3 Credit Hours)
This course will review events so dramatic and catastrophic that they leave evidence in the geologic record and can threaten life on Earth. Included will be violent volcanic eruptions, mega-earthquakes and the tsunami arising from them, rapid climatic changes and associated storms, and impacts from asteroids and comets.

DRLS 6023 Emerging Trends Res & Recovery (1 Credit Hour)
This course will review the most recent trends in resilience and recovery efforts as it relates to natural disasters and catastrophic events.
Introduces students to quantitative data principles, methods, and applications relevant to disaster resilience practice and research. It emphasizes the practical application of data to assess quality of evidence and contribute to knowledge through systematic inquiry, including comprehension of data collection and research methods relevant to disaster resilience data creation. Understanding the scope and application of data in disasters is stressed. Methods in statistics and epidemiology are foundational. The one-credit lab section builds on the lecture, introducing skills in computation for data processing and interpretation.

The course is an advanced professional-level examination of the fields of climate change adaptation and disaster risk reduction and ongoing efforts both domestically and internationally to integrate these two hazard mitigation efforts. Class presentations and discussions will examine the various issues relevant to the design and implementation of climate change adaptation and disaster risk reduction plans and actions including costs, benefits, legal issues, impact on development, environmental links and concerns, as well as governance issues.

This course offers a critical and reflective exploration of public leadership practices at play in communities that social researchers and practitioners encounter, and how to enhance and support these as co-leaders working with people rather than experts prescribing to, or analyzing, people. Working with communities can present critical challenges that can have an impact on leadership resilience. This course examines the interactions of academic, organizational, and community leaders through a critical and reflective exploration of public leadership practices at play in communities that social researchers and practitioners encounter, and how to enhance and support these as co-leaders working with people rather than experts prescribing to, or analyzing, people. The course combines academic, professional, and applied perspectives to create a critical lens through which students can become better prepared to enter AND ENGAGE WITH THE community IN PARTNERSHIP TO STRENGTHEN RESILIENCE. Students will connect theory to practice through a combination of academic readings, applied training sessions, and community-based participation and observation.

Topics will vary.
DRLS 6070  Program Dev & Grant Management  (3 Credit Hours)
This course will provide future disaster resilience leaders with the knowledge and skills necessary to develop a competitive grant proposal to secure external funding from government agencies, corporations, and private foundations. Understanding the fundamental components of a grant proposal, as well as gaining familiarity with the current funding environment, and managing a successful program grant to completion will be examined. The course presents a brief overview of philanthropy while identifying potential funders, exploring how the generic structure of proposals varies according to sociocultural and institutional settings and understanding the linkages between proposal development and program implementation.

DRLS 6110  Rsh and Eval Crisis - Disaster  (3 Credit Hours)
Evaluation is the key organizational tool for both accountability to affected people and those providing the funding as well as learning from individual responses to improve performance. This is a practical skills based course that will build a student's capacity to conduct, manage, and use the results of evaluations (impacts and process evaluation methods) in emergency response and humanitarian action.

DRLS 6120  Support Children in Adversity  (3 Credit Hours)
DRLS 6220  Wellbeing Measurement  (3 Credit Hours)
DRLS 6310  Leadership Eval & Consulting  (3 Credit Hours)
DRLS 6320  Gender Sensitive Programming  (3 Credit Hours)
DRLS 6330  Program Development & Grants  (3-4 Credit Hours)
DRLS 6710  Summer Instit: Special Topics  (3 Credit Hours)
"Washington DC: Why does the response to some disasters succeed while others fail? What disaster recovery practices result in rebuilding a more resilient community? What are the attributes of an effective disaster operations capability? What are the legal and statutory challenges encountered in response and recovery operations? How is disaster policy developed and implemented? How do I get a job with organizations working in domestic or humanitarian disasters? This course will seek to answer these and other questions concerning disaster operations and policy development in the United States and around the world through a series of panel discussions with disaster policy makers and managers from government agencies, domestic and international NGOs, voluntary organizations, donors, and the business community. Taking full advantage of being in Washington, DC, panelists from FEMA/DHS, the American Red Cross, the US Chamber of Commerce, the United Nations, the Department of Health and Human Services, Save the Children, National Voluntary Organizations Active in Disasters (NVOAD), Resilience AmeriCorps, the World Bank, contractors, and others will be invited to discuss how they develop the policies and programs that drive their disaster response, recovery and resiliency efforts and job opportunities with their organizations. Potential Panel Topics: Voluntary agencies; INGOs; Local emergency management agencies; FEMA and other Federal agencies; State emergency management agencies; Federal humanitarian agencies; United Nations agencies; Public Health agencies; Donors and International Financial Institutions."

DRLS 6720  Summer Instit: Special Topics  (3 Credit Hours)
Topics will vary.

DRLS 6730  Summer Instit: Special Topics  (1-3 Credit Hours)
Topics will vary.

DRLS 6740  Summer Instit: Special Topics  (3 Credit Hours)
Topics will vary.

DRLS 6910  Special Topics  (1-3 Credit Hours)
DRLS 6911  Special Topics  (1-3 Credit Hours)
DRLS 6940  Transfer Credit  (1-12 Credit Hours)
DRLS 7000  Leadership  (3 Credit Hours)
This course will dive into recent disasters as the backdrop to explore how theories of leadership ring true or are challenged in practice. Students will be invited to recognize that leaders in the disaster space must be students of people - their needs, motivations, and expectations. Students will have the opportunity to hear from a number of seasoned leaders who will speak to experiences navigating policy, power dynamics and personalities. The course will conclude with the opportunity for students to identify traits and behaviors of leaders to be emulated and to craft those into a personal development roadmap for use in their careers as leaders in the disaster space.
DRLS 7010  Sustainability and Resilience  (3 Credit Hours)

DRLS 7020  Disaster Recovery & Resilience  (3 Credit Hours)
The purpose of the course is to focus on the short and long-term reality of the environmental disaster facing the South Louisiana Coastal in the physical area between the mouth of the Mississippi and the Atchafalaya basin outlet. Using the tools of implementation science we will collectively segment and organize evidence to understand and chart a path to resilience for the different local populations directly impacted. Multiple pedagogical approaches including lectures, field trips, readings, interviews with local residents and outside speakers will be utilized to render the scope of the experience as inclusive as possible. The course focuses on building analytical skills and methodological tools for understanding and increasing the rate of implementation of resilience strategies for effected communities. Specific skills of implementation science will be taught which when combined with contextual knowledge of the training site will lead to the competency of being able to execute and prepare and implement a plan for assisting communities in becoming rapidly more prepared and more resilient to environmental threats. The subject will be the long term disaster of coastal degradation and global warming on the Louisiana gulf coast.

DRLS 7500  Continuity of Operations  (3 Credit Hours)

DRLS 7830  Independent Study  (0-3 Credit Hours)
Independent Study courses gives graduate students an opportunity to work with a faculty advisor to pursue a personal academic interest with greater focus. Qualified students must develop a syllabus and schedule with the faculty advisor to be approved by the program directors prior to registration.

DRLS 7940  Transfer Credit-Grad  (3 Credit Hours)