



The University of Georgia

University Council
Athens, Georgia 30602

March 17, 2017

UNIVERSITY CURRICULUM COMMITTEE – 2016-2017

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Forestry and Natural Resources - Dr. John C. Maerz
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Law - Ms. Elizabeth Weeks Leonard
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Undergraduate Student Representative – Ms. Gabrielle Roth
Graduate Student Representative – Ms. Ashley E. Fallaize

Dear Colleagues:

The attached proposal from the College of Public Health for a new minor and a new Undergraduate Certificate in Disaster Management will be an agenda item for the March 24, 2017, Full University Curriculum Committee meeting.

Sincerely,

Alison F. Alexander, Chair
University Curriculum Committee

cc: Provost Pamela S. Whitten
Dr. Rahul Shrivastav

Committee on Facilities, Committee on Intercollegiate Athletics, Committee on Statutes, Bylaws, and Committees, Committee on Student Life, Curriculum Committee, Educational Affairs Committee, Executive Committee, Faculty Admissions Committee, Faculty Affairs Committee, Faculty Grievance Committee, Faculty Post-Tenure Review Appeals Committee, Faculty/Staff Parking Appeals Committee, Human Resources Committee, Program Review and Assessment Committee, Strategic Planning Committee, University Libraries Committee, University Promotion and Tenure Appeals Committee

An Equal Opportunity/Affirmative Action/Veteran/Disability Institution

PROPOSAL FOR MINOR PROGRAM OF STUDY

1. School/College: College of Public Health
2. Department/Division: Institute for Disaster Management
3. Proposed Program: Minor in Disaster Management
4. Proposed Starting Date for Program: Fall 2017
5. Program Descriptions - including prefixes, numbers, and titles of required courses, total credit hours (must be 15 hours), residency requirements (if any), and grade requirements (if any):

Required Core – 3 Hours

- **DMAN 3100 – Disasters and Society, 3 credit hours**

This course explores the social contributors and impacts of disaster events. Upon completion of the course, students will have a solid understanding of the core theories and frameworks that guide the scholarly social science research of disasters. Students will learn about key findings related to human behavior in disaster settings.

Electives – 12 Hours

Choose four courses from the list below. At least three courses must be from the DMAN prefix, and no more than six hours of independent study credit may count toward the minor.

- **CVLE 3470 – Civil Engineering Laboratory – Structural, 1 credit hour***

Behavior of simple structural elements and systems. Focus on comparison with theoretical results, acceptable discrepancies between experimental and theoretical results, and viable explanations of these discrepancies. Procedures and tools for data collection, analysis, interpretation, and presentation.

- **DMAN 3200 – Disaster Policy, 3 credit hours**

Introduction to policies and practices intended to minimize loss from disasters and hazards in the United States. The costs posed by these hazards continue to challenge managers at all levels of government and in the private sector, and there is a growing demand for this knowledge and skillset.

- **DMAN 3300 – International Aspects of Disasters, 3 credit hours**

This course is an overview of disasters and disaster management from an international perspective with a focus on social vulnerability. Content will address a number of issues including: the relationship between disasters and social systems; how disasters are dealt with in different countries; and the interactions between nations during disasters.

- **DMAN 3400 – Disasters, Media, and Pop Culture, 3 credit hours**

This highly interactive course focuses on representations of disasters in media and pop culture. Issues discussed will include: disaster news, social media, symbolism, film, music and disasters, and disaster literature. Students will learn how these issues relate back to applied topics in disasters such as warning communication and policy framing.

- **DMAN 4100– Methods in Disaster Research, 3 credit hours**
This course is designed to prepare students for a broad range of methods used in the study of hazards and disasters. Topics include: quick response fieldwork, ethics, ethnography, SPSS, and GIS. Students will practice forming research questions, strategies for data collection, and conducting analyses for mixed methods research.
- **DMAN 4960/4970/4980/4990 – Independent Study in Disaster Management and Research, 1-4 credit hours (in CAPA review)**
Individual research and/or readings with a faculty member. Will be taught by Institute for Disaster Management faculty.
- **ATSC(GEOG) 3130 – Atmospheric Hazards, 3 credit hours**
The causes, impacts and policies regarding hazards due to atmospheric phenomena, including hurricanes, tornadoes, windstorms, extreme temperature and precipitation events, and climate change.
- **GEOG 4370/6370-4370L/6370L – Geographic Information Science, 3 credit hours.**
Principles and applications of geographic information systems (GIS). Examines the nature and accuracy of spatially referenced data, as well as methods of data capture, storage, retrieval, visualization, modeling, and output using one or more GIS software packages.
- **HPAM 3500 – Introduction to Healthcare Management, 3 credit hours**
Public health professionals assume leadership roles in organizations where they are responsible for planning, organizing, staffing, coordinating, reporting, and budgeting of activities. This course is designed to stimulate critical thinking about modern public health administrative issues and develop selected management techniques and perspectives.

Additional elective options may be available. Please contact the Institute for Disaster Management for further information.

*CVLE is one credit hour and therefore the student may take 2 independent research hours in DMAN laboratory research projects to reach 15 hours. DMAN research/directed studies courses are in review in CAPA as DMAN 4960/4970/4980/4990.

**PROPOSAL FOR UNDERGRADUATE
CERTIFICATE FOR DISASTER MANAGEMENT**

1. School/College: College of Public Health
2. Department/Division: Institute for Disaster Management
3. Proposed Program: Certificate in Disaster Management
4. Proposed Starting Date for Program: Fall 2017
5. Program Descriptions - including prefixes, numbers, and titles of required courses, total credit hours (must be 18 hours), residency requirements (if any), and grade requirements (if any).

Required Core – 9 Hours

• **DMAN 3100 – Disasters and Society, 3 credit hours**

This course explores the social contributors and impacts of disaster events. Upon completion of the course, students will have a solid understanding of the core theories and frameworks that guide the scholarly social science research of disasters. Students will learn about key findings related to human behavior in disaster settings.

Choose 2 courses from the list below:

• **DMAN 3200 – Disaster Policy, 3 credit hours**

Introduction to policies and practices intended to minimize loss from disasters and hazards in the United States. The costs posed by these hazards continue to challenge managers at all levels of government and in the private sector, and there is a growing demand for this knowledge and skillset.

• **DMAN 3300 – International Aspects of Disasters, 3 credit hours**

This course is an overview of disasters and disaster management from an international perspective with a focus on social vulnerability. Content will address a number of issues including: the relationship between disasters and social systems; how disasters are dealt with in different countries; and the interactions between nations during disasters.

• **DMAN 4100– Methods in Disaster Research, 3 credit hours**

This course is designed to prepare students for a broad range of methods used in the study of hazards and disasters. Topics include: quick response fieldwork, ethics, ethnography, SPSS, and GIS. Students will practice forming research questions, strategies for data collection, and conducting analyses for mixed methods research.

Electives – 9 Hours

Choose 3 courses from the list below. At least 2 courses must be from the DMAN prefix, and no more than 6 hours of independent study credit may count toward the certificate.

• **ADPR 5120 – Crisis Communication, 3 credit hours**

Students develop crisis analysis, planning, and communication skills through class discussion, analysis of theories, case studies, and development of a crisis communication plan. Students will develop the skills needed to produce or supervise production of public relations materials needed in crisis communication. Real-life situations will be discussed and experienced.

- **CSCI 4350/6350 – Global Information Systems, 4 credit hours**
Provides intermediate to advanced understanding of the use of Internet, World Wide Web, and network computing (including Java) technologies for management (search, access, integration, presentation) of multimedia information. Topics discussed include key techniques, tools and technologies for creating such systems, developing novel applications, and their impact on business.
- **CVLE 3470 –Civil Engineering Laboratory – Structural, 1 credit hour***
Behavior of simple structural elements and systems. Focus on comparison with theoretical results, acceptable discrepancies between experimental and theoretical results, and viable explanations of these discrepancies. Procedures and tools for data collection, analysis, interpretation, and presentation.
- **DMAN 3200 – Disaster Policy, 3 credit hours**
Introduction to policies and practices intended to minimize loss from disasters and hazards in the United States. The costs posed by these hazards continue to challenge managers at all levels of government and in the private sector, and there is a growing demand for this knowledge and skillset.
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- **DMAN 4960/4970/4980/4990 – Independent Study in Disaster Management and Research, 1-4 credit hours (in CAPA review)**
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- **HPAM 3500 – Introduction to Healthcare Management, 3 credit hours**
Public health professionals assume leadership roles in organizations where they are responsible for planning, organizing, staffing, coordinating, reporting, and budgeting of activities. This course is designed to stimulate critical thinking about modern public health administrative issues and develop selected management techniques and perspectives.

- **HPAM 4410 - Introduction to Health Informatics and Analytics, 3 credit hours**
This introductory course reviews informatics in the U.S. health environment, data security and privacy, informatics terminology and technology, data standards, and health data sets. Students will receive hands-on experience analyzing de-identified data sets using MS-Excel and presenting their results in a case analysis format.
- **EHSC 4400 - Environmental Issues in the Developing World, 3 credit hours**
Study of environmental issues in developing countries, including water, soil, and air contamination resulting from human impacts and industrial development. Strategies to mitigate or manage contamination issues will also be discussed.

Additional elective options may be available. Please contact the Institute for Disaster Management for further information.

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Approvals on File

Proposal: Minor in Disaster Management

Department: Institute for Disaster Management

College: College of Public Health

Proposed Effective Term: Fall 2017

Department:

- Institute for Disaster Management Director, Dr. Cham Dallas, 3/1/2017

School/College:

- College of Public Health Dean, Dr. Phillip Williams, 3/3/2017

Approvals on File

Proposal: Undergraduate Certificate in Disaster Management

Department: Institute for Disaster Management

College: College of Public Health

Proposed Effective Term: Fall 2017

Department:

- Institute for Disaster Management Director, Dr. Cham Dallas, 3/1/2017

School/College:

- College of Public Health, Dr. Phillip Williams, 3/3/2017