

Cover Sheet: Request 13627

GEO2XXX Natural Hazards Geography

Info

Process	Course New Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Kevin Ash kash78@ufl.edu
Created	2/14/2019 12:30:46 AM
Updated	4/10/2019 12:42:38 PM
Description of request	This request is for a new introductory undergraduate course on the topic of natural hazards in the Dept of Geography.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CLAS - Geography 011609000	Jane Southworth		2/14/2019
UCC_Ext_Consult_GEO2XXX_Natural_Hazards_Geography.pdf					2/14/2019
College	Approved	CLAS - College of Liberal Arts and Sciences	Joseph Spillane		3/17/2019
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			3/17/2019
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Course|New for request 13627

Info

Request: GEO2XXX Natural Hazards Geography

Description of request: This request is for a new introductory undergraduate course on the topic of natural hazards in the Dept of Geography.

Submitter: Kevin Ash kash78@ufl.edu

Created: 4/10/2019 12:41:32 PM

Form version: 2

Responses

Recommended Prefix GEO

Course Level 2

Number XXX

Category of Instruction Introductory

Lab Code None

Course Title Natural Hazards Geography

Transcript Title Nat Hazards Geography

Degree Type Baccalaureate

Delivery Method(s) On-Campus, Online

Co-Listing No

Co-Listing Explanation Not Applicable

Effective Term Earliest Available

Effective Year Earliest Available

Rotating Topic? No

Repeatable Credit? No

Amount of Credit 3

S/U Only? No

Contact Type Regularly Scheduled

Weekly Contact Hours 3

Course Description Examines global weather, climate, and geophysical hazard events through geographic lens of human-environment interactions to understand how disasters emerge not only due to extreme events but from complex social, cultural, psychological, political, and economic forces. Discusses historical, recent, and ongoing hazard events to connect theory to individual and shared experiences.

Prerequisites None

Co-requisites None

Rationale and Placement in Curriculum The course will be at an introductory level in the existing undergraduate curriculum and will not have any prerequisites. Once the course is approved, we will seek general education designations for the Social and Behavioral Sciences requirement and for the International requirement. The goal will be for this course to introduce undergraduates to study of natural hazards and disasters from both social science and human-environment interactions perspectives, while also incorporating a few relevant physical science concepts. The course will provide the conceptual foundation upon which students will build in upper level undergraduate and/or graduate courses, as well as provide early exposure to empirical data analysis of hazard/disaster losses so that students can progress more quickly in advanced GIS courses focusing on analysis of natural hazards & disasters, vulnerability, and impacts. The course will utilize case studies, examples, and empirical data from around the globe and will expose students to social scientific research principles relevant for the study of human perception, decision-making, and behavior in relation to natural hazards.

Course Objectives By the end of the course, students will:

- Demonstrate basic understanding of the physical, geographic, and temporal dimensions of natural hazards and disasters
- Identify regions of the world that are particularly impacted by certain types of hazards and disasters

- Investigate various ways in which perceptions, attitudes, & values inform behavioral responses to natural hazards for individuals and communities
- Discover how local, regional, & global interdependencies shape the experiences of communities and individuals before, during, and after hazard and disaster events
- Examine competing goals and values and how they constrain public policies related to natural hazards
- Synthesize theoretical frameworks in order to interpret principal causes and impacts associated with disasters in a variety of socio-cultural contexts
- Compare and contrast hazard and disaster event and impact trends in regional, national, and international contexts
- Assemble and weigh empirical data to inform analysis and evaluation of regional and global disaster events & policies
- Interpret hazard and disaster events holistically through the lenses of vulnerability and resilience

Course Textbook(s) and/or Other Assigned Reading The required text for this course is *Natural Hazards: Explanation and Integration* by Montz, Tobin, & Hagelman, published in 2017 (2nd Edition) by Guilford Press.

Weekly Schedule of Topics Week 1: Course Introduction; Assignment 1: Syllabus Review; Weekly Reading Quiz

Week 2: Hazards & Disasters: When Potential Becomes Reality; Assignment 2: Mapping International Disaster Deaths; Weekly Reading Quiz

Week 3: Physical Dimensions of Natural Hazards: Meteorological & Hydrological Events; Assignment 3: Earth's Strongest Tropical Cyclones; Weekly Reading Quiz

Week 4: Physical Dimensions of Natural Hazards: Geological Events; Assignment 4: Earthquake Magnitude Exercise; Weekly Reading Quiz

Week 5: Spatial & Temporal Characteristics of Natural Hazards; Assignment 5: Regional Seasonality of Wildfires; Weekly Reading Quiz

Week 6: The Individual in Natural Hazards: Decision-Making & Philosophical Approaches; Assignment 6: Flood Risk Perception & Floodplain Mapping; Weekly Reading Quiz

Week 7: The Individual in Natural Hazards: Situational & Cognitive Factors; Assignment 7: Psychometric Approach to Study of Hurricane Experience; Weekly Reading Quiz

Week 8: Midterm Exam; No assignment

Week 9: Community Behaviors & Attitudes Toward Hazard Adjustments; Assignment 8: Post-Disaster Population Recovery; Weekly Reading Quiz

Week 10: Public Policy & Natural Hazards: Goals & Implementation; Assignment 9: Presidential Disaster Declarations; Weekly Reading Quiz

Week 11: Public Policy & Natural Hazards: Barriers to Effective Policy; Assignment 10: Financial & Demographic Barriers to Disaster Policy; Weekly Reading Quiz

Week 12: The Economic Impacts of Hazards & Disasters; Assignment 11: Mapping International Disaster Damages; Weekly Reading Quiz

Week 13: Risk Assessment: Definitions & Measurements; Assignment 12: Global Disaster Risk Index; Weekly Reading Quiz

Week 14: Risk Assessment: Risk Variability & Management Processes; Assignment 13: Reflection on Hyogo Framework; Weekly Reading Quiz

Week 15: An Integrated Approach to Natural Hazards; No assignment; Weekly Reading Quiz

Week 16: Final Exam; No assignment

Links and Policies Attendance: Students are expected to attend class on a regular basis. Absences can be excused with proper documentation according to university policy. Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:
<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Examination Policies and Reading Days: Course policies are consistent with University policies on during-term exams, final exams, reading days, and make-up exams. Students must notify the instructor as soon as possible in case of absence during an exam and provide documentation as to the reason for the absence. If deemed an excused absence, the student will be permitted a reasonable amount of time to make up the missed exam. More details can be found at
<https://catalog.ufl.edu/UGRD/academic-regulations/examination-policies-reading-days/>.

Grading Policies for Assigning Grade Points: Information on current UF grading policies for assigning grade points may be found at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

Grades of "Incomplete": The current university policy concerning incomplete grades will be followed in this course. An incomplete grade may be assigned at the discretion of the instructor as an interim grade for a course in which you have completed a major portion of the course with a passing grade, been unable to complete course requirements before the end of the term because of extenuating circumstances, and obtained agreement from the instructor and arranged for resolution of the incomplete grade. Instructors are not required to assign incomplete grades.

Email: Each of you has a UF email address. It is vital that you maintain an active UF email account and that you check it often. This tentative syllabus is subject to change, and any changes will be transmitted to you via your UF email account and Canvas (see below). Students should email the instructor if they have questions about any of the lectures, readings, assignments, or exams. You should expect a response within about 24 hours during weekdays. On holidays or weekends, expect a response on the next business day.

Canvas: Course materials such as lectures, readings, the syllabus, and assignment instructions will be available through Canvas (<https://elearning.ufl.edu>). You will also find all due dates and grades on Canvas. Students must activate their UF GatorLink account in order to use Canvas. If you need help learning how to perform various tasks related to this course or other courses that utilize Canvas, please consult the above webpage. You may also contact the UF Computing Help Desk at (352) 392-HELP(4357) or helpdesk@ufl.edu.

Online Course Evaluation: Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

Recordings and Notes: It is not permitted to sell notes or recordings from this class without written consent of the instructor. Nor are students permitted to disseminate recordings of the instructor lecturing or post copies of assignments or exams on the internet.

Disabilities Statement:

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Academic Conduct Policy: As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity." You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing

this assignment.” It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>.

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or email to Learning-support@ufl.edu.
<https://lss.at.ufl.edu/help.shtml>.

Career Resource Center, Reitz Union, 352-392-1601. Career assistance and counseling.
<http://www.crc.ufl.edu>

Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 352-392-2010 or 352-392-6420. General study skills and tutoring.
<http://teachingcenter.ufl.edu/>

Writing Studio, 302 Tigert Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.
<http://writing.ufl.edu/writing-studio/>

Student Complaints, https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf

Health and Wellness Resources

U Matter, We Care: If you or a friend is in distress, please contact umatter@ufl.edu or 352-392-1575 so that a team member can reach out to the student.

Sexual Assault Recovery Services (SARS), Student Health Care Center, 352-392-1161. More information on resources to help students with sexual violence issues at www.umatter.ufl.edu/sexual_violence

Sexual Harassment, Information on UF policies, awareness, reporting, and counseling at www.hr.ufl.edu/manager-resources/policies-2/sexual-harassment/

Counseling and Wellness Center, <http://counseling.ufl.edu/cwc/Default.aspx>, 352-392-1575;

University Police Department, 352-392-1111 (or 9-1-1 for emergencies). <http://www.police.ufl.edu/>

Grading Scheme Class Participation: Class participation will be evaluated based on two components. The first is attendance which will count for 5% of the final grade. Students are expected to regularly attend the class during the semester. Students may be excused from absences with appropriate documentation according to the university policy (more information provided in Section VIII below). The other 5% of class participation will be written summaries & discussion of the weekly hazard/disaster events in class during the dedicated discussion periods. Students are expected to come to class prepared for discussion, having already written brief summaries on recent events including information on losses and impacts, and response activities. A grading rubric for the summaries and discussion is included in the course syllabus.

Reading Quizzes: Students are required to read portions from the textbook for each week that correspond to the lectures. To make sure that students keep up with the reading, there will be reading quizzes that must be completed each week prior to class on Wednesdays. These quizzes will be administered via UF Canvas and will consist of multiple choice and short answer questions.

Weekly Assignments: The thirteen weekly assignments will be introduced on Mondays during the

second half of the period. They will be due the following Monday prior to the start of class. The assignments will correspond to the topics of the reading and lectures each week. Typically, the assignments will require students to analyze and interpret data using Microsoft Excel, write critiques of policy documents, or write critical reflections about their own disaster experiences. The assignments must be completed individually by each student. Students will be allowed to drop their lowest grade out of the thirteen assignments.

Exams: In total, the two exams will account for 30% of the final grade, 15% each for the Midterm and Final exams. The exams will be closed book and will consist of multiple choice, true/false, matching, and short answer question formats.

Assignments and Exams

Percent of Final Grade

Attendance

5%

Event Summaries & Discussion 5%

Reading Quizzes

10%

Weekly Assignments

50%

Exam #1: Midterm

15%

Exam #2: Final

15%

Grading Scale (%)

92.5 – 100

A

89.5 – 92.4

A-

86.5 – 89.4

B+

82.5 – 86.4

B

79.5 – 82.4

B-

76.5 – 79.4

C+

72.5 – 76.4

C

69.5 – 72.5

C-

66.5 – 69.4

D+

62.5 – 66.4

D

59.5 – 62.4

D-

< 59.5

E

Instructor(s) Kevin Ash

COURSE SYLLABUS

Instructor:	Dr. Kevin Ash	Term:	Spring 2019
Office:	TUR 3128	Class Meeting Days:	MW
Phone:	352-294-6956	Class Meeting Hours:	TBD
Email:	kash78@ufl.edu	Class Location:	TUR 3012
Office Hours:	Tues & Wed 2-3 pm, or by appointment	Course Credits:	3 hours

I. Course Overview

In this course, we will take a comprehensive and global look at what we know about the physical and human impacts of natural hazards with the goal being to equip students to contribute to policy development and decision-making to aid individuals, communities, and even national governments to reduce the societal impacts of hazard events. This course integrates perspectives from geography and cognate physical and social sciences to enhance understanding of how disasters emerge from a complex interaction of physical, social, psychological, technical, political, and economic forces with extreme meteorological, climatological, and geophysical events. Geospatial and temporal analyses will be used to explain why, in spite of increasing investments in warning systems, preparedness and mitigation projects, and emergency response & recovery initiatives, losses associated with natural hazards continue to rise.

The course begins by defining key concepts for natural hazards research—such as the difference between a hazard and a disaster—and then introduces the ideas and arguments to be discussed in subsequent weeks. This is followed by consideration of the physical, geospatial, & temporal characteristics of hydro-meteorological and geophysical events, focusing on such common measures as their magnitudes, historical frequencies, durations, rates of onset, and seasonality. Human & societal dimensions will then be addressed through consideration of hazard risk perception—which can be applied to study both individuals and communities—as well as discussion about the effects of community attitudes and values on behaviors and response. Thereafter, attention will turn to public policy, including several types of policy implementation for hazard mitigation, preparedness, response, and recovery, and to identification of a number of constraints on effective public policy. Toward the end of the term, the course reviews economic impacts of hazards and disasters from an international perspective, drawing out differences between direct and indirect losses and short- and long-term effects. In the penultimate chapter, the course delves into the concepts and processes of risk assessment & management, and then culminates with discussion of conceptual frameworks of vulnerability and resilience that encompass and integrate the course topics into a coherent and holistic understanding of how humans interact with hazards in the environment and how these interactions can be managed to minimize harm and loss within the society-environment nexus.

Course Content Objectives

By the end of the course, students will:

- Demonstrate basic understanding of the physical, geographic, and temporal dimensions of natural hazards and disasters
- Identify regions of the world that are particularly impacted by certain types of hazards and disasters
- Investigate various ways in which perceptions, attitudes, & values inform behavioral responses to natural hazards for individuals and communities
- Discover how local, regional, & global interdependencies shape the experiences of communities and individuals before, during, and after hazard and disaster events

- Examine competing goals and values and how they constrain public policies related to natural hazards
- Synthesize various theoretical frameworks and constructs in order to interpret principal causes and impacts associated with disasters in a variety of socio-cultural contexts
- Compare and contrast hazard and disaster event and impact trends in regional, national, and international contexts
- Assemble and weigh empirical data to inform analysis and evaluation of regional and global disaster events & policies
- Interpret hazards and disasters holistically through the lenses of vulnerability and resilience

II. Student Learning Outcomes

Through the course assignments and exams, students will learn to:

- Recognize and empathize with common human experiences by being able to place themselves in the shoes of survivors of disasters from around the world
- Assess local and/or global impacts of planned actions when addressing diverse cultural issues or situations by recognizing and appreciating how differential human vulnerabilities are created by culture and values, beliefs and attitudes, political systems, and behavioral actions that either mitigate or exacerbate disaster outcomes
- Reflect on their own life experiences to appraise how such experiences shape their values, attitudes, & behaviors vis-à-vis natural hazards
- Define and appropriately apply key terms and concepts used in emergency/disaster management, risk assessment and communication, and disaster risk reduction contexts in the United States and internationally
- Download and analyze hazard and disaster-related data both within the United States and globally
- Formulate recommendations for hazard policies using scientific data
- Construct basic graphs, figures, and maps to visualize & analyze patterns with physical and social scientific data
- Organize and analyze data using a spreadsheet (MS Excel)
- Interpret & communicate scientific data using descriptive statistics and bivariate correlations
- Critically evaluate local, regional, and global hazard trends & policies to contribute to more effective disaster risk reduction initiatives whether as an informed and active citizen and/or through a professional career

III. Materials and Supplies: Laptop Computer

This course will be held in TUR 3012, which is a classroom with no computer terminals. Students must provide their own laptop computer on which to work on assignments and exams during and/or outside of class. Any required software (such as Microsoft Excel) will be available on students' laptops through UF Apps at <https://info.apps.ufl.edu>.

IV. Required Texts and Useful Online Resources

The required text for this course is *Natural Hazards: Explanation and Integration* by Montz, Tobin, & Hagelman, published in 2017 (2nd Edition). The required text may be purchased via the links provided below. Any additional reading materials will be available via UF Canvas.

<https://www.guilford.com/books/Natural-Hazards/Montz-Tobin-Hageman/9781462529179>

<https://www.amazon.com/Natural-Hazards-Second-Explanation-Integration/dp/1462529178>

V. Course Format, Activities, and Basis for Evaluation

The class will meet twice per week for formal lectures and less formal, but in-depth, discussions. On Mondays, the first hour of each class period will consist of a presentation by the instructor about key concepts and examples related to the day's topic. After a ten minute break, class will resume with review of the previous weekly assignment and introduction of the next weekly assignment. Students will then have the rest of the class period to work on the assignment and ask questions and receive assistance from the instructor as needed. On Wednesdays, the class period will begin initially with a half hour of lecture presentation by the instructor. The remainder of the period on Wednesdays will be devoted to student discussion—both in small groups and with the entire class—about recent and/or ongoing hazard and disaster events. Students will draw from event summaries they write and submit via Canvas prior to class discussion periods. All lecture presentations will be made available to students via Canvas before class begins. This will give students the opportunity to download the presentation to their own laptop and write notes directly into the file during the presentation. There will be assignments and discussions each week of the semester, and there will also be short reading quizzes taken via Canvas which must be finished each week prior to class on Wednesdays. There will be two exams, a midterm and a final exam.

Evaluation and Grading

Class Participation: Class participation will be evaluated based on two components. The first is attendance which will count for 5% of the final grade. Students are expected to regularly attend the class during the semester. Students may be excused from absences with appropriate documentation according to the university policy (more information provided in Section VIII below). The other 5% of class participation will be written summaries & discussion of the weekly hazard/disaster events in class during the dedicated discussion periods. Students are expected to come to class prepared for discussion, having already written brief summaries on recent events including information on losses and impacts, and response activities.

Rubric for Evaluation: Online Hazard Event Summaries & In-Class Discussion

Task: Write a 300-500 word summary covering 2-3 hazard events from the previous week and submit it via Canvas prior to class. Be prepared to discuss the events with your classmates. Consult the rubric below to make sure you include all required elements to receive full credit.

(Adapted from two sources: Solan & Linardopoulos 2011, http://jolt.merlot.org/vol7no4/linardopoulos_1211.htm; Reflection/Discussion Critique Rubric, <http://www.rcampus.com/rubricshowc.cfm?sp=yes&code=D97AAC&>.)

Evaluation Category	Standards for Excellent Work	Points	Instructor Comments
Provide Basic Event Facts	<ul style="list-style-type: none"> -Describe geographic locations -Give dates/times of events -Describe hazard event types -Include maps as appropriate 	/5	
Physical Dimensions of Hazard Events	<ul style="list-style-type: none"> -Describe events in terms of magnitude/intensity, spatial distribution, areal extent, rate of onset, seasonality, etc. -Discuss briefly local climate and/or topography of event locations, if relevant 	/10	
Societal Vulnerability and Impacts	<ul style="list-style-type: none"> -Describe the direct & indirect impacts of the disaster (based on tentative available information) -Discuss key features of the exposed & affected area's people & systems, such as population size, prominent livelihoods, and demographics. -What was the role of any forecasts or warnings in moderating impacts? 	/10	
Writing & Communication Proficiency	<ul style="list-style-type: none"> -Organize writing with clear structure: <ul style="list-style-type: none"> ▪ Introduction ▪ Body ▪ Conclusion -Avoid spelling, grammar, syntax, punctuation, or other writing errors 	/5	

In-Class Discussion Participation	<ul style="list-style-type: none"> -Make at least one contribution to the discussion -Listen actively and respectfully -Engage in constructive debate, when appropriate -Ask questions if you do not understand content or terms 	/10	
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Reading Quizzes: Students are required to read portions from the textbook for each week that correspond to the lectures. To make sure that students keep up with the reading, there will be reading quizzes that must be completed each week prior to class on Wednesdays. These quizzes will be administered via UF Canvas and will consist of multiple choice and short answer questions.

Weekly Assignments: The thirteen weekly assignments will be introduced on Mondays during the second half of the period. They will be due the following Monday prior to the start of class. The assignments will correspond to the topics of the reading and lectures each week. Typically, the assignments will require students to analyze and interpret data using Microsoft Excel, write critiques of policy documents, or write critical reflections about their own disaster experiences. The assignments must be completed individually by each student. Students will be allowed to drop their lowest grade out of the thirteen assignments.

Exams: In total, the two exams will account for 30% of the final grade, 15% each for the Midterm and Final exams. The exams will be closed book and will consist of multiple choice, true/false, matching, and short answer question formats.

Assignments and Exams	Percent of Final Grade
Attendance	5%
Event Summaries & Discussion	5%
Reading Quizzes	10%
Weekly Assignments	50%
Exam #1: Midterm	15%
Exam #2: Final (not cumulative)	15%

Grading Scale (%)	
92.5 – 100	A
89.5 – 92.4	A-
86.5 – 89.4	B+
82.5 – 86.4	B
79.5 – 82.4	B-
76.5 – 79.4	C+
72.5 – 76.4	C
69.5 – 72.5	C-
66.5 – 69.4	D+
62.5 – 66.4	D
59.5 – 62.4	D-
< 59.5	E

VI. **Important Dates to Remember:** The due dates below are tentative and can be changed at the discretion of the instructor.

Drop/Add Ends:

Fri, Jan 11th 2019

No Class, MLK Day*

Midterm Exam

No Class, Spring Break*

Reading Days

Final Exam

Spring 2019 Grades Visible on <https://one.uf.edu/dashboard/>

Mon, Jan 21st 2019

Wed, Feb 27th 2019

Mon-Fri, Mar 4th-8th 2019

Thurs-Fri, Apr 25-26th 2019

Thurs, May 2nd 2019

Wed, May 8th 2019

VII. Weekly Topic Schedule, Assignments, and Exams (Schedule is provisional and subject to change)

Dates	Days	Weekly Class Topics	Weekly Assignments (13)	Weekly Required Readings
Jan 7-11	MW	Course Introduction; Syllabus Assignment	Syllabus Review; Reading Quiz	Montz et al. 2017, pp 1-24
Jan 14-18	MW	Hazards & Disasters: When Potential Becomes Reality	Mapping International Disaster Deaths; Reading Quiz; Discussion	Montz et al. 2017, pp 24-58
Jan 21-25	MW	Physical Dimensions of Natural Hazards: Meteorological & Hydrological Events	Earth's Strongest Tropical Cyclones; Reading Quiz; Discussion	Montz et al. 2017, pp 59-84
Jan 28-Feb 1	MW	Physical Dimensions of Natural Hazards: Geological Events	Earthquake Magnitude Exercise; Reading Quiz; Discussion	Montz et al. 2017, pp 84-101
Feb 4-8	MW	Spatial & Temporal Characteristics of Natural Hazards	Regional Seasonality of Wildfires; Reading Quiz; Discussion	Montz et al. 2017, pp 102-142
Feb 11-15	MW	The Individual in Natural Hazards: Decision-Making & Philosophical Approaches	Flood Risk Perception & Floodplain Mapping; Reading Quiz; Discussion	Montz et al. 2017, pp 143-163
Feb 18-22	MW	The Individual in Natural Hazards: Situational & Cognitive Factors	Measuring Hurricane Experience; Reading Quiz; Discussion	Montz et al. 2017, pp 163-184
Feb 25-Mar 1	MW	Midterm Exam		None
Mar 4-8	MW	Spring Break; No Class		
Mar 11-15	MW	Community Behaviors & Attitudes Toward Hazard Adjustments	Post-Disaster Population Recovery; Reading Quiz; Discussion	Montz et al. 2017, pp 185-215
Mar 18-22	MW	Public Policy & Natural Hazards: Goals & Implementation	Presidential Disaster Declarations; Reading Quiz; Discussion	Montz et al. 2017, pp 216-242
Mar 25-29	MW	Public Policy & Natural Hazards: Barriers to Effective Policy	Financial & Demographic Barriers to Disaster Policy; Reading Quiz; Discussion	Montz et al. 2017, pp 242-260
Apr 1-5	MW	The Economic Impacts of Hazards & Disasters	Mapping International Disaster Damages; Reading Quiz; Discussion	Montz et al. 2017, pp 261-296
Apr 8-12	MW	Risk Assessment: Definitions & Measurements	Global Disaster Risk Index; Reading Quiz; Discussion	Montz et al. 2017, pp 297-318
Apr 15-19	MW	Risk Assessment: Risk Variability & Management Processes	Reflection on Hyogo Framework; Reading Quiz; Discussion	Montz et al. 2017, pp 318-340
Apr 22-26	MW	An Integrated Approach to Natural Hazards	Reading Quiz; Discussion	Montz et al. 2017, pp 341-374

Apr 27- May 3	R	Final Exam, May 2, 3:00 pm to 5:00 pm in TUR 3012
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VIII. Course Policies: Attendance, Make-Ups, and Grades

Attendance: Students are expected to attend class on a regular basis. Absences can be excused with proper documentation according to university policy. Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:
<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Late Work: All assignments submitted after their respective deadlines will be assessed a penalty: ten percentage points if one day late, fifteen percentage points for 2-3 days late, and 30 percentage points for 4-7 days late. Assignments will not be accepted if overdue by more than seven days.

Examination Policies and Reading Days: Course policies are consistent with University policies on during-term exams, final exams, reading days, and make-up exams. Students must notify the instructor as soon as possible in case of absence during an exam and provide documentation as to the reason for the absence. If deemed an excused absence, the student will be permitted a reasonable amount of time to make up the missed exam. More details can be found at
<https://catalog.ufl.edu/UGRD/academic-regulations/examination-policies-reading-days/>.

Grade Dissemination: You can access your scores at any time using the Grade function in Canvas. The instructor will post grades within about one week of the due date of each assignment and the mid-term exam.

Grading Policies for Assigning Grade Points: Information on current UF grading policies for assigning grade points may be found at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

Grades of "Incomplete": The current university policy concerning incomplete grades will be followed in this course. An incomplete grade may be assigned at the discretion of the instructor as an interim grade for a course in which you have completed a major portion of the course with a passing grade, been unable to complete course requirements before the end of the term because of extenuating circumstances, and obtained agreement from the instructor and arranged for resolution of the incomplete grade. Instructors are not required to assign incomplete grades.

IX. Course Policies: Technology and Media

Email: Each of you has a UF email address. It is vital that you maintain an active UF email account and that you **check it often**. This tentative syllabus is **subject to change**, and any changes will be transmitted to you via your UF email account and Canvas (see below). Students should email the instructor if they have questions about any of the lectures, readings, assignments, or exams. You should expect a response within about 24 hours during weekdays. On holidays or weekends, expect a response on the next business day. The instructor will reasonably expect similar time frames for responses to emails sent to students.

Canvas: Course materials such as lectures, readings, the syllabus, and assignment instructions will be available through Canvas (<https://elearning.ufl.edu>). You will also find all due dates and grades on Canvas. Students must activate their UF GatorLink account in order to use Canvas. If you need help learning how to perform various tasks related to this course or other courses that utilize Canvas, please consult the above webpage. You may also contact the UF Computing Help Desk at (352) 392-HELP(4357) or helpdesk@ufl.edu.

Online Course Evaluation: Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

Recordings and Notes: It is not permitted to sell notes or recordings from this class without written consent of the instructor. Nor are students permitted to disseminate recordings of the instructor lecturing or post copies of assignments or exams on the internet.

X. Course Policies: Student Expectations

Disabilities Statement:

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Academic Conduct Policy: As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: *"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity."* You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment."* It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>.

XI. Campus Resources for Students:

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or email to Learning-support@ufl.edu.
<https://lss.at.ufl.edu/help.shtml>.

Career Resource Center, Reitz Union, 352-392-1601. Career assistance and counseling. <http://www.crc.ufl.edu>

Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 352-392-2010 or 352-392-6420. General study skills and tutoring.
<http://teachingcenter.ufl.edu/>

Writing Studio, 302 Tigert Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.
<http://writing.ufl.edu/writing-studio/>

Student Complaints, https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf

Health and Wellness Resources

U Matter, We Care: If you or a friend is in distress, please contact umatter@ufl.edu or 352-392-1575 so that a team member can reach out to the student.

Sexual Assault Recovery Services (SARS), Student Health Care Center, 352-392-1161. More information on resources to help students with sexual violence issues at www.umatter.ufl.edu/sexual_violence

Sexual Harassment, Information on UF policies, awareness, reporting, and counseling at www.hr.ufl.edu/manager-resources/policies-2/sexual-harassment/

Counseling and Wellness Center, <http://counseling.ufl.edu/cwc/Default.aspx>, 352-392-1575;

University Police Department, 352-392-1111 (or 9-1-1 for emergencies). <http://www.police.ufl.edu/>

External Consultation Results (departments with potential overlap or interest in proposed course, if any)

Department	Name and Title
_____	_____
Phone Number	E-mail
_____	_____
Comments	

Department	Name and Title
_____	_____
Phone Number	E-mail
_____	_____
Comments	

Department	Name and Title
_____	_____
Phone Number	E-mail
_____	_____
Comments	