



COURSE IMPLEMENTATION DATE: September 2008
 COURSE REVISED IMPLEMENTATION DATE: September 2012
 COURSE TO BE REVIEWED: June 2018
(six years after UEC approval) *(month, year)*

OFFICIAL UNDERGRADUATE COURSE OUTLINE INFORMATION

Students are advised to keep course outlines in personal files for future use.
 Shaded headings are subject to change at the discretion of the department – see course syllabus available from instructor

<u>GEOG 105</u>	<u>Geography</u>	<u>3</u>
COURSE NAME/NUMBER	FACULTY/DEPARTMENT	UFV CREDITS
Natural Hazards and Hollywood		
COURSE DESCRIPTIVE TITLE		

CALENDAR DESCRIPTION:

This course is a geographic analysis of natural hazards. Students in this course will consider the science and evolution of natural hazards, such as tornadoes, earthquakes, and tropical cyclones, and in part use this information to assess how accurately film and television portrays the science of these events. This course examines how officials and the public become aware of, prepare for, and manage recovery from natural hazards.

PREREQUISITES: None
 COREQUISITES:
 PRE or COREQUISITES:

SYNONYMOUS COURSE(S):

- (a) Replaces: _____
- (b) Cross-listed with: _____
- (c) Cannot take: _____ for further credit.

SERVICE COURSE TO: *(department/program)*

TOTAL HOURS PER TERM: 45

STRUCTURE OF HOURS:

Lectures:	<u>45</u>	Hrs
Seminar:	_____	Hrs
Laboratory:	_____	Hrs
Field experience:	_____	Hrs
Student directed learning:	_____	Hrs
Other (specify):	_____	Hrs

TRAINING DAY-BASED INSTRUCTION:

Length of course: _____
 Hours per day: _____

OTHER:

Maximum enrolment: 36
 Expected frequency of course offerings: Annually
(every semester, annually, every other year, etc.)

WILL TRANSFER CREDIT BE REQUESTED? (lower-level courses only) Yes No
WILL TRANSFER CREDIT BE REQUESTED? (upper-level requested by department) Yes No
TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE: Yes No

Course designer(s): <u>Steven Marsh</u>	Date approved: <u>March 26, 2012</u>
Department Head: <u>Dr. Michelle Rhodes</u>	Date of meeting: <u>April 13, 2012</u>
Supporting area consultation (Pre-UEC)	Date approved: <u>April 13, 2012</u>
Curriculum Committee chair: <u>Tetsuomi Anzai</u>	Date approved: <u>April 13, 2012</u>
Dean/Associate VP: <u>Dr. Jacqueline Nolte</u>	Date of meeting: <u>June 22, 2012</u>
Undergraduate Education Committee (UEC) approval	

LEARNING OUTCOMES:

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

1. Explain the science behind natural hazards;
2. Analyze themes within hazard research such as at-risk populations, perception of risk from natural hazards, emergency preparedness, emergency management, and the recovery from natural hazard events;
3. Critically assess film's departure from current scientific understanding of natural hazards;
4. Explain how portrayals of natural hazards can influence public understanding and associated policy making;
5. Identify sources for information on natural hazards and to use this information to critically assess how natural hazards are portrayed within film;
6. Apply concepts of preparedness to their personal situations.

METHODS: *(Guest lecturers, presentations, online instruction, field trips, etc.)*

Lectures, seminars, assigned readings, discussion groups, and A/V presentations.

METHODS OF OBTAINING PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):

Examination(s) Portfolio assessment Interview(s)

Other (specify):

PLAR cannot be awarded for this course for the following reason(s):

TEXTBOOKS, REFERENCES, MATERIALS: *[Textbook selection varies by instructor. Examples for this course might be:]*

Keller, E.A., R.H. Blodgett, and J.J. Clague, 2012. Natural Hazards. Earth's Processes as Hazards, Disasters, and Catastrophes. Second Canadian Edition. Toronto: Pearson Education Canada.

Hyndman, D., D. Hyndman, and N. Catto, 2008. Natural Hazards and Disasters. Canadian Edition. Toronto: Nelson.

Abbott, P.L. and C. Samson, 2012. Natural Disasters. Second Canadian Edition. Toronto: McGraw-Hill.

Paul, B.K., 2011. Environmental Hazards and Disasters: Context, Perspectives and Management. New York: Wiley.

SUPPLIES / MATERIALS:

None

STUDENT EVALUATION: *[An example of student evaluation for this course might be:]*

Written Assignments (2-3)	40-60%
Report(s)	20%
Exams	20-40%

COURSE CONTENT: *[Course content varies by instructor. An example of course content might be:]*

Week 1: Introduction to Natural Hazards

Week 2: Film's role as a conveyor of geographic information on natural hazards

Week 3: Change in the portrayal of natural hazards in film during the past 100 years

Week 4: Meteorological hazards 1 – Tornadoes and severe thunderstorms

Week 5: Meteorological hazards 2 – Heat and cold

Week 6: Meteorological hazards 3 – Tropical cyclones

Week 7: Geological hazards 1 – Volcanic eruptions

Week 8: Geological hazards 2 – Earthquakes

Week 9: Geological hazards 3 – Mass movements

Week 10: Biological and Medical hazards

Week 11: Astronomical hazards

Week 12-13: Effect of hazard portrayal on public perception, preparedness, and management

Week 14: Effect of hazard portrayal on policymaking