

The Violent Face of Nature - Living with Natural Hazards

(5 credits Natural Science)

Geography 108

Welcome to Geography 108. This is a five-credit, natural science course that fulfills a Science distribution requirement for the Associate in Arts and Sciences (**AAS**) Degree at Bellevue College. There are no prerequisites for this class.

The course satisfies **General Education Requirements** in the following areas:

The Nature of Science: Rating 3

Science and the Natural World: Rating 3

The course transfers as natural science credit.

Course Description/Objectives:

This is an introductory course designed to introduce students to Earth and atmospheric potential hazards as reflected or evidenced by actual catastrophes or disasters. The course will strive to elevate student awareness regarding dangerous interactions between Earth processes and human activity, as well as the interrelationships among potential disasters. In doing so, students may be able to make more informed/educated decisions. Throughout the course case studies are used to aid in understanding the complexities of environmental policies, societal behaviors, and governmental responsibilities. Other than the textbook visuals, a variety of images will be used to enhance the delivery of course information.

This course has been designed as a self-paced course. This means that you are responsible for completing all of the required work by the deadline date at the end of the quarter. I advise that you work diligently throughout the quarter and complete the work in a sensible manner and not leave a significant amount of work to the last week. The advantage of a self-paced course is that you are in charge of your progress

and the major disadvantage is that some students do not set aside a designated amount of time every day/week to complete the set work. Please make sure that you keep on schedule.

All coursework is due June 15th, 2016 at 11:59 PM. No exceptions

My name is: **Ian Walker**

Mailing address:

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Ian Walker - phone: (425) 564-2213

Division Office - phone: (425) 564-2331 and fax (425) 564-3108

Distance Education Office - phone: (425) 564-2438

Office – B106

Office hour: By appointment and each Wednesday 12:30-1:00 PM

Please use the Canvas messaging system to reach me

If Canvas is down, my college email address is -

ian.walker@bellevuecollege.edu

Regarding email correspondence: I will answer your emails within 24 hours. I will most likely be able to reply sooner than 24 hours but please email me as early as possible and do not wait until the last minute for important conversations. I only check my email a couple times over the weekend so please try to contact me Monday- Friday.

Required Text:

Natural Hazards and Disasters: 4th edition, Hyndman and Hyndman, 2014. Brooks/
Cole CENGAGE Learning

Text can be rented from the College Bookstore or Amazon for around \$45.00.

Format:

The coursework is divided into **seven (7) Course Modules and five (5) Discussions**. **Each Course Module is accompanied by an exam**

Course Modules:

Please be patient and allow time for the modules to download - they are very large files. I would recommend downloading all of the files and then you will have easy access to them at any time. The files are in PDF form but I can get them to you as a Word document if needed, please just let me know

The modules are designed to follow the general format of chapter content in your textbook. The textbook, however, is best viewed as a support tool for your studies as there are additional resources – Online ***Class Notes, Articles and Images Section***. In addition, the end of Chapter ***Cases in Point*** will become an important component beginning with Chapter Three.

All of the online modules begin with ***Class Notes***. These notes will aid you to better understand the topics covered in the particular module. **You should begin each module by reading the short introductory *Class Notes***. Then follow-up with the ***Articles and Images Section***.

The next step is to proceed through the ***Textbook Reading Assignments***. The instructions identify which chapters of the textbook you need to read to enable you to answer questions on both the Practice Exams and the Module Exams

The last step in each module is the actual module exam. Having carefully read through and completed the ***Class Notes, Articles and Images, and Textbook Readings*** – and completed the ***Chapter Practice Quizzes***– you will then be prepared to take the respective module exam. To successfully complete the exams, it is imperative that you complete all of the ***Chapter Practice Quizzes***. **All** of the module exam questions are **directly** based on the ***Class Notes, Articles and Images, Text Readings and Cases in Point***. All exams are open book/note. Be aware that the module exams are time limited- that is you will have a limited time to answer the module questions. You can only make **ONE** attempt (the amount of time allotted for each exam varies)

The Seven Modules are sequenced in the following order.

- Module 1:** Introduction to Natural Hazards and Disasters
Fundamentals of Plate Tectonics and Associated Physical Hazards
- Module 2:** Earthquake Processes – Earthquake Predictions, Forecasts and Mitigation
- Module 3:** Tsunami
- Module 4:** Volcanoes: Tectonic Environments and Eruptions –Volcanoes: Hazards and Mitigation
- Module 5:** Landslides and Other Downslope Movements
- Module 6:** Stream and Flood Processes – Floods and Human Interactions
- Module 7:** Weather, Thunderstorms and Tornadoes – Hurricanes and Nor'easters

All of the modules have an open book/open note, **multiple-choice, true and false, matching** format online exam. There is no comprehensive Final. All exams are due June 15th at 11:59 PM

Discussions:

There are 5 discussions, each worth 20 points. All discussions are due June 15th at 11:59 PM. You will turn your discussions in through the Canvas site. Please click on “Discussions” on the left hand side for instructions regarding each discussion. You may do the discussions whenever you want (before the due date).

You do not need to reply to another student’s post but if you do then you will receive 3 points of extra credit. Please note that you will only receive extra credit for one response per discussion. 5 discussions with one response each equals 15 possible extra credit points at the end of the quarter. Your response to another student’s post must be at least 50 words.

Course Grading

400 points total. This consists of 7 exams (varying point totals) and 5 discussions (20 points each). If you complete the class evaluation then this will earn you an additional 15 points toward your total score for the class. The details for completing the class evaluation will be given toward the end of the quarter.

400 Point Scale

A	93-100%	368-400
A-	90-92%	358-367
B+	88-89%	350-357
B	83-87%	330-349
B-	80-82%	318-329
C+	78-79%	310-317
C	73-77%	291-309
C-	70-72%	278-290
D+	68-69%	270-277
D	63-67%	238-269
F	0-59%	001-237

Late Work Policy

You have all quarter to complete the exams and discussions so late work will not be accepted under any circumstances. Technical issues are not a legitimate excuse for late work or missing work. It is your responsibility that you have a solid and secure internet connection as well as a computer/laptop to complete all coursework. Do not, I repeat do not, ever take an exam using your cell phone or tablet!!

Assistance

I am here to help you and I want you to succeed in this class. Please do not hesitate to contact me if you need assistance of any kind. It is always best to contact me earlier than later if you need assistance or guidance. Please note that under no circumstances will there be any “fudge points” or extra point opportunities that are not available to

everyone. You are always welcome to come to my office during office hours or we can schedule a time to meet.

Participation

The student is responsible for:

1. The technical aspects of your computer/email/printer etc.

Please refer to the BC Distance Education website for the Vista Tutorial and for minimum hardware requirements.

The Distance Education Office telephone number is listed above.

2. Reading the specified materials.
3. Taking part in email discussions. Contacting me/fellow students can be helpful.
4. Keeping comprehensive notes/diagrams/maps relevant to course topics.
5. Timely completions of the module exams. You should not leave exams to the last minute in case you have a technical problem this is a very important consideration.
6. Reviewing the Bellevue College academic calendar for all details regarding registration and withdrawal policy and procedures and distribution of final grades.
7. Reading the Social Science Division's policy statement.
8. Coordinating with the Disability Resource Center for accommodations

Division Statements

PROCEDURES AND GUIDELINES OF THE SOCIAL SCIENCE DIVISION

Fall 2013

Cheating, Stealing and Plagiarizing*

Cheating, stealing and plagiarizing (using the ideas or words of another as one's own without crediting the source) and inappropriate/disruptive classroom behavior

are violations of the Student Code of Conduct at Bellevue College. Examples of unacceptable behavior include, but are not limited to: talking out of turn, arriving late or leaving early without a valid reason, allowing cell phones/pagers to ring, and inappropriate behavior toward the instructor or classmates. The instructor can refer any violation of the Student Code of Conduct to the Dean of Student Services for possible probation or suspension from Bellevue College. Specific student rights, responsibilities and appeal procedures are listed in the Student Code of Conduct, available in the office of the Dean of Student Services.

Incomplete

If a student fails to complete all the required work for a course, an instructor may assign the grade of Incomplete ("I"). The student must complete the coursework by the end of the next quarter, or receive the assigned letter grade (usually an "F").

F Grade

Students who fail a course will receive a letter grade of "F."

Final Examination Schedule

The Social Science Division will adhere to the final examination schedule as stated in the BC Schedule. Final examinations will be held at the end of each quarter at fixed times. Instructors will not give examinations in advance of the regular schedule. A student who is absent from any examination held at any time during the quarter may forfeit the right to make up the examination. If, for illness or some other circumstance beyond the student's control, the student is unable to be present at any scheduled examination and has contacted the instructor on a timely basis, the student may be permitted to take such examination at a time designated by the instructor.

Withdrawal From Class

College policy states that students must formally withdraw from a class by the end of the seventh week of the quarter (Registration Office, B125). If a student has not withdrawn by that date, an appropriate letter grade will be assigned for the course.

Hardship Withdrawal

Instructors may assign the grade of “HW” (hardship withdrawal) at their discretion in the event that a student cannot complete the coursework due to extreme and exceptional circumstances. Students may also contact the Enrollment Services office BEFORE grades are assigned in cases of hardship.

Students Who Require Disability Accommodations:

Students with disabilities who have accommodation needs are encouraged to meet with the Disability Resource Centre (DRC) office located in B132 (telephone 425.564.2498 or TTY 425.564.4110), to establish their eligibility for accommodation. The DRC office will provide each eligible student with an accommodation letter. Students who require accommodation in class should review the DRC accommodation letter with each instructor during the first week of the quarter.

Students with mobility challenges who may need assistance in case of an emergency situation or evacuation should register with Disability Resource Centre, and review those needs with the instructor as well.

Distribution of Grades

Grades will not be posted in the Social Science Division or in faculty offices, and secretaries will not give out grades. Students should access their grades through the BC Web site.

Return of Papers and Tests

Paper and/or Scantron score sheet returns will be arranged in the following ways ONLY: by mail, if student supplies the instructor with stamped, self-addressed envelope (with appropriate postage); or by the instructor designating a time and place whereby the student may retrieve his/her papers. Unclaimed papers and/or Scantron score sheets must be kept by the instructor for a minimum of sixty (60) instructional days following the end of the quarter.

**If you are accused of cheating, stealing exams and/or plagiarism, there is a Bellevue College Student Discipline and Appeals Procedure (the right to due process) which you may pursue. Contact the office of Division Chair (D110), the Dean of Student Services (B231A) or the Associated Student Body (C212) for information regarding the appeals process.*

This 22-minute video also provides a good overview of how to avoid trouble when using sources: From the college home page select SERVICES, then LIBRARY MEDIA CENTER, then DATABASES, then FILMS ON DEMAND. At their site, search by title for **PLAGIARISM 2.0: ETHICS IN THE DIGITAL AGE**.

▪ **Student Code of Conduct and Academic Integrity**

Any act of academic dishonesty, including cheating, plagiarism (using the ideas or words of another as one's own without crediting the source), and fabrication and inappropriate/disruptive classroom behavior are violations of the Student Code of Conduct at Bellevue College. Examples of unacceptable behavior include, but are not limited to, talking out of turn, arriving late or leaving early without a valid reason, allowing cell phones/pagers to ring, and inappropriate behavior toward the instructor or classmates. The instructor can refer any violation of the Student Code of Conduct to the Dean of Student Success for investigation. Specific student rights, responsibilities, and appeal procedures are listed in the Student Code of Conduct at: [Student Code](#)

Important Links

▪ **Bellevue College E-mail and access to MyBC**

All students registered for classes at Bellevue College are entitled to a network and e-mail account. Your student network account can be used to access your student e-mail, log in to computers in labs and classrooms, connect to the BC wireless network and log in to MyBC. To create your account, go to: [Create Email](#)

BC offers a wide variety of computer and learning labs to enhance learning and student success. Find current campus locations for all student labs by visiting the [Technology Help Desk](#)

▪ **Disability Resource Center (DRC)**

The Disability Resource Center serves students with a wide array of learning challenges and disabilities. If you are a student who has a disability or learning challenge for which you have documentation or have seen someone for treatment and if you feel you may need accommodations in order to be successful in college, please contact us as soon as possible.

If you are a person who requires assistance in case of an emergency situation, such as a fire, earthquake, etc, please meet with your individual instructors to develop a safety plan within the first week of the quarter.

If you are a student with a documented autism spectrum disorder, there is an additional access program available to you. Contact [Autism Spectrum Navigators](#) Email and phone number is on the web page. ASN is located in the Library Media Center in D125.

The DRC office is located in B132 or you can call our reception desk at 425.564.2498. Deaf students can reach us by Skype: the address is **DRCatBC** (NOTE: There is no @ sign...it is actually **DRCatBC**). Please visit our website at [Disability Resource Center](#) for application information into our program and other helpful links.

Accessibility

The online elements of this course are designed to be welcoming to, accessible to, and usable by everyone, including students who are English-language learners, have a variety of learning styles, have disabilities, or are new to online learning. Be sure to let me know immediately if you encounter a required element or resource in the course that is not accessible to you. Also, let me know of changes I can make to the course so that it is more welcoming to, accessible to, or usable by students who take this course in the future.

▪ Public Safety

Public Safety and Emergencies

Public Safety is located in the K building and can be reached at **425-564-2400** (easy to remember because it's the only office on campus open 24 hours a day—2400). Among other things, Public Safety serves as our Parking Permits, Lost and Found, and Emergency Notification center. Please ensure you are signed up to receive alerts through our campus alerting system by registering at [RAVE Alert Registration](#)

If you work late and are uneasy about going to your car, Public Safety will escort you to your vehicle. To coordinate this, please phone ahead and let Public Safety know when and where you will need an escort.

Please familiarize yourself with the emergency postings by the door of every classroom and know where to go in the event of an evacuation. Your instructor will be asked if anyone might still be in the building, so check in before you do anything else. Emergency responders will search for anyone unaccounted for.

If a major emergency occurs, please follow these three rules:

- 1) Take directions from those in charge of the response** -We all need to be working together.
- 2) Do not get in your car and leave campus (unless directed to)** - Doing so will clog streets and prevent emergency vehicles from entering the scene. Instead, follow directions from those in charge.
- 3) In an emergency, call 911 first, then Public Safety.**

Please do not hesitate to call Public Safety if you have safety questions or concerns at any time. You may also visit the [Public Safety](#) web page for answers to your questions.

▪ **Final Exam Schedule**

[Final Exam Schedule](#)

▪ **Academic Calendar**

The Bellevue College Academic Calendar is separated into two calendars. They provide information about holidays, closures and important enrollment dates such as the finals schedule.

- [Enrollment Calendar](#) On this calendar you will find admissions and registration dates and important dates for withdrawing and receiving tuition refunds.
- [College Calendar](#) This calendar gives you the year at a glance and includes college holidays, scheduled closures, quarter end and start dates, and final exam dates.