

## **GEOG 3200 SYLLABUS - Geomorphology: Mountains, Rivers, Deserts**



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**Facebook:** Geomorphology Rules

**Office Hours:** T,H 11-12:30 pm or by arrangement – held in GC Room 4726

\*\* appointments may be arranged -- any changes will be announced

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### **U of U Catalog Entry**

Geomorphology: Mountains, Rivers, Deserts (4 credits) Prerequisite: GEOG 1000 or instructor's consent.  
Fulfills Physical/Life Science Exploration.

Why does Utah look different than Kansas? How did the Grand Canyon form? This course explores Earth's surface systems to see how landforms are created and modified over time. These systems include mountain building, and erosion and deposition by rivers, glaciers, landslides, wind, and shoreline processes. Analysis of landforms and processes will be directed towards understanding how the surface of the Earth got to be the way it is, and how it is changing. Comparison of different landforms will be used to illustrate how different processes operate. For example, mountain valleys carved by glaciers are significantly different than those carved by rivers. This course offers explanations for differences such as this, and explores reasons for changes that take place in landforms. A field trip will provide an opportunity to see local examples of different processes and their resulting landforms.

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**The Prerequisite Course** for this class is prior completion of GEOG 1000, with a B or better. Students are expected to be geographically literate and have the foundational mastery on topics. Basic internet fluency is necessary. Some exercises require use of Google Earth freeware. Students in all GEOG courses must know the location of the world's continents and oceans, the location of the 50 states, and be able to read latitude and longitude on a map. This class will be taught in English and translators cannot be used on exams or exercises.

**Course Requirements** include participation in lectures AND our field trip.

**The Required Field Trip** will be held on Saturday September 30, 2023 – convening at 7:45 am for departure at 8 am and returning at 6 pm, or thereafter. We will depart from and return to a parking lot locale at the U.

***NOTE: Attendance is required. Students who do not attend the field trip cannot make up their attendance --and cannot earn an A in the course; their grade begins at a B.*** Details will be announced. Students must download and sign insurance waiver forms whether or not they attend the trip. Should the weather be too inclement to run on 09/30/2023, our make-up rain date will be 10/21/2023; please hold this additional day open until we know whether the trip can run on the first date!

***NOTE: The scheduled RAIN DATE for the field trip is Saturday October 21, 2023.*** Please hold this date open in your calendars in case we need it to run the field trip. We will cancel plans to hold a field trip on the rain date if the 9/30 trip is successful!

If anyone needs accommodations for the field trip, please let the Prof know in advance. There is light hiking planned and we will be fairly remote. Further details will be presented at the start of the term.

### **GEOG 3200 Course Overview:**

The study of geomorphology is inherently multidisciplinary. The GEOG 3200 course at the University of Utah is designed to build from foundational science knowledge so that students can develop a working understanding of the science processes behind scenery, to know the specific terminology and to appreciate the history of landscape evolution as a function of tectonics, climate, and human agency. The class presents a range of example case studies from around the world, and even other planets – as well as our own local world-class examples of landforms, hazards, and sustainable measures.

This course fulfills the University of Utah requirements for the sustainability course attribute. To explain this further, we first present an outline of the GEOG 3200 Course Goals, which integrates the design an Learning Outcomes, and the 3200 Thematic Emphases. After this, the sustainability content will be outlined.

## **General Goals for Nicoll's GEOG 3200 Intro Geomorphology Course.**

### **A. Main objectives of the course underscoring the learning outcomes**

1. Develop understanding of interactions between the Earth's geological, physical and chemical processes, landscape evolution., and human activities.
2. To relate how mountains grow and are destroyed.
3. To introduce the roles and importance of lakes and rivers, esp by case study.
4. To elucidate how humans modify landscapes and affect geomorphic systems in context of global warming and climate disruption.
5. To underscore how human action can mitigate risk of hazards and environmental impact, thereby promoting sustainability.
6. Relate how topography influences Earth's climate and where to look in the geomorphic record for evidence of landscape-climate interactions.
7. Highlight aspects of fluvial geomorph, deserts and dryland processes.

### **B. Help students develop knowledge & understanding in the context of the subject**

1. Students: Learn how to learn by themselves & ask questions. Instructor: Engage students in Socratic classroom.
2. Demonstrate process-response: how landscapes form and evolve.
3. Show concepts of feedback systems between geological processes & climate.
4. Present case studies, especially current happenings and new science.
5. Participate in related field trip that demonstrates key learnings and applications.
6. Engage in conversations on climate disruption, environmental change & sustainability.
7. Understand the processes and controls that govern landscape evolution.

### **C. Develop Recognition & Cognitive skills**

1. Analyzing, evaluating, and interpreting data.
2. Putting subject-specific information into a broader context.
3. Develop inductive, deductive & evidence-based reasoning
4. Develop ability to evaluate sources of data and qualities of observation.
5. Illustrate beyond the classroom in the field laboratory.

### **D. Foster subject-specific practical/professional AND general/transferable skills**

1. Exposure to main methods in Geomorphology / Surface Processes.
2. Emphasis on maps, scale of observation & measurements.
3. Make primary observations. In field, photos and in Google Earth.
4. Handle & interpret various kinds of data.
5. Gain some experiences in how to read and understand published Scientific Papers.
6. Interpret tables and graphs.
7. Synthesize information from a range of sources. Build ability to think in 4 dimensions.
8. Comprehension of scientific data and papers.
9. Interpreting data in field and from armchair at photoscales.
10. Use of graphs, tables & their interpretation.
11. Ask questions & participate in discussions that are not prompted
12. Demonstrate written presentation skills & developing oral conversational skills.

**Topical Emphases in Nicoll's GEOG 3200 Intro Geomorphology Course.**

**I. TECTONICS (MOUNTAINS) Key Content and organization**

1. Introduction to landscape evolution as function of rock cycle.
2. The ascendant role of relief & tectonics: denudation, uplift and isostasy.
3. Reference frames and the use of geomorphic and geodetic markers.
4. Applications of relative & absolute dating methods to landscape evolution studies.
5. The nature of climate-tectonic interactions.
6. Introduce volcanic & mountain belt evolution; Active - Passive margin evolution.
7. Case studies on short and long term deformation and landscape response.
8. Development and application of numerical and analog models.
9. Tectonic hazards, mitigations, and the role of science for society.

**II. RIVERS Key Content and organization**

1. Understand elements and drivers of hillslope systems.
2. Exposure to weathering and erosion processes as related to rock cycle (tee hee)
3. Introduce key riverine processes, sediment yield, importance of these to cycles.
4. Focus on fluvial-lacustrine landscape forms (terraces, deltas, alluvial fans, playas)
5. Assess and compare styles of physico-chemical weathering: karst, salt - humans
6. Introduce some methods of study of these features; limitations, complexities.
7. Highlight cultural importance of rivers and how humans modify and affect them.
8. Relate science on natural and human hazards related to streams and slopes.
9. Discuss hydrologic management and sustainable options.

**III. DESERTS Key Content and organization**

1. Explain locations of drylands and how this might change over time.
2. Build knowledge of Bio-Eco climate systematics.
3. Case studies: aspects of geomorph in these landscapes: timescales, processes.
4. Introduce key landforms, Aeolian and playa processes.
5. Relate science on natural and human hazards related to Air Quality in deserts.
6. Leverage tremendous examples in Utah and US SW for all topics presented.
7. Field trip emphasis on Great Salt Lake, megadrought, solar-nuclear-military use.
8. Relate importance of drylands concepts in extraterrestrial Mars Research.
9. Highlight cultural importance & preservation of drylands (e.g. geoarchaeology)
10. Illustrate (and in field) how arid lands have been used and modified by people.
11. Ask and promote sustainability-oriented dialogues about water in the desert.

### **SUST Attribute -- Sustainability Course Attribute**

This course GEOG 3200 fulfills the University of Utah requirements for the sustainability course attribute. The topics covered in this course GEOG 3200 include the linkages among the systems of the Earth-Atmosphere-Hydrosphere-Biosphere; as such this course aligns with the UN SDG integration. This course content also directly relates with the University of Utah Sustainability Topic Areas 1,2,3,4. Specifically, the course and its required field trip address the UN Sustainable Development Goals (SDGs) 7, 11, 13, and 15 as outlined online here: <https://sdgs.un.org/goals>

The specific SDGs with related themes explored in the GEOG 3200 course are related to the course attributes as listed in the prior sections above that outline the GEOG 3200) course goals and topical emphases as presented in the lectures, exercises and field trip.

- **Goal 7:** Energy – Affordable and Clean Energy - <https://sdgs.un.org/topics/energy>
- **Goal 11:** Sustainable Cities & Communities - <https://sdgs.un.org/topics/sustainable-cities-and-human-settlements>
- **Goal 13:** Climate Action and Synergies – <https://sdgs.un.org/topics/climate-action-synergies>
- **Goal 15:** Life on Land - <https://sdgs.un.org/goals/goal15>

The GEOG 3200 course is highly synthetic in emphasizing these goals in context of landscape studies, hydroclimate change and human agency. This course covers fundamental background to geomorphology and the four spheres (lithosphere, atmosphere, hydrosphere, biosphere), which are critical for understanding Goal 15. The required field trip enables experiential learning related to all four of the Goals (7, 11, 13, 15), as we will see many things: effects of a forest fire, the effects of former floods and droughts lake shore lowering due to climate change; we will see a solar farm and solar-powered mining operations (salars); we will observe feedlots and quarries; we will see a nuclear waste repository on a Native Reservation, and we will observe active effluent processes that cause air pollution from a metal mine. During the fieldtrip and later in the classroom, we will discuss the field trip learnings in contexts of the environmental impacts of human actions – and we will for example question the sustainability of the various military operations causing disturbances that influence our Air Quality, a topic about which the Prof has published.

The course timetable (on the next page) is from 2022 and will be finalized as the term commences.

BELOW IS THE 2022 Schedule for your reference. The 2023 schedule will be finalised during the first week of class. The 2023 class field trip is in September with an October rain date – a day-long field trip will be held on September 30, 2023 with a rain date scheduled for October 21, 2023 should the first trip date be cancelled - the field trip is a core learning experience of the course as explained in this syllabus.

**PRIOR 2022 GEOG 3200 Course Topical Outline**  
**Introduction to Geomorphology: Mountains, Rivers, Deserts**

Week	Date 2022	Description of Topic Covered and accompanying book chapter
1	T, 8/23	Intro to Course; Meet & Greet. We organize.
	H, 8/25	Chapter 1: Earth's Dynamic Surface
2	T, 8/30	"
	H, 9/1	Chapter 2: Geomorphologist's Toolkit
3	T, 9/6	Chapter 3: Weathering and Soils
	H, 9/8	"
4	T, 9/13	Chapter 4: Geomorphic Hydrology
	H, 9/15	" **Walkabout assignment is due and we will have a class discussion.
5	T, 9/20	Chapter 5: Hillslopes
	H, 9/22	Chapter 6: Channels
6	T, 9/27	" and start Chapter 7 : Drainage Basins
	H, 9/29	"
7	T, 10/4	Catch up and Review
	H, 10/6	MID TERM EXAM – in class portion
<b>8</b>	<b>10/10 - 14</b>	<b>** NO CLASS -- Happy Fall Break</b>
9	T, 10/18	Chapter 8: Coastal & Submarine Geomorphology ** MID-TERM EXAM Part II DUE by EMAIL 5 pm.
	H, 10/20	Field Trip preparation
	<b>Sat 10/22</b>	<b>FIELD TRIP 07:45 am – 6 pm!!</b>
10	T, 10/25	Field Trip Recap
	H, 10/27	Chapter 9: Glacial and Periglacial Geomorphology
11	T, 11/1	"
	H, 11/3	Chapter 10: Wind as a Geomorphic Agent
12	T, 11/8	" note **ELECTION DAY**
	H, 11/10	Chapter 11: Volcanic Geomorphology
13	T, 11/15	"
	H, 11/17	Chapter 12: Tectonic Geomorphology
	<b>Sat 11/19</b>	<b>FIELD TRIP RAIN DATE 07:45 am – 6 pm!!</b> <i>This will be cancelled if we are successful on 10/22</i>
14	T, 11/22	YOU HAVE A BUY. No lecture, assignment given.
	<b>H, 11/24</b>	<b>** NO CLASS -- Thanksgiving Break – say hello to your family.</b>
15	T, 11/29	Chapter 13: Geomorphology & Climate
	H, 12/1	Chapter 14: Landscape Evolution and open floor.
16	T, 12/6	" Review
	H, 12/8	** FINAL EXAM portion in class, take-home portion due by 5 pm.
		We will not have a final exam during the final exam period.

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## COURSE OVERVIEW

**Course Textbook:** The current prescribed textbook is *Key Concepts in Geomorphology* by Paul R. Bierman & David R. Montgomery. Available online and at bookstores. Reading the textbook in advance of lecture is an essential component of the course. The content of the text should be considered as background; lecture may deviate. Additional reading and other materials may be supplied to you online or as handouts.

**Accommodations:** In compliance with the Americans with Disabilities Act of 1990, The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If any student needs accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 581-5020 (V/TDD). CDS will work with students and course instructors to make arrangements for accommodations. All written information in this course can be made available in alternative format with prior notification to the Center for Disability Services; students requiring this service must advise the Center of their needs.

**Structure & Purpose of Lectures, Readings and Assignments:** Two lecture periods are scheduled for each week; your attendance and participation is essential and required. You must participate in lectures, discussions, readings, assignments, and the required field trip; these all complement and reinforce each other. Lectures provide the structure of the course, discussion of key issues, and additional material will be presented that cannot be found in the textbook. The content of the lectures will be at the discretion of the professor, and will not simply recap material in the text. Occasional guest appearances by other faculty members or graduate students may occasionally be scheduled; students are expected to learn this material as well.

**Student Effort and Workload** – Independent work assignments are part of this course. It is the student's responsibility to learn how to learn. Knowledge comes from understanding, that is built on reading comprehension, listening memorization, reflection and synthesis. Your understanding requires curiosity and honest, diligent effort. You may expect me to treat each student respectfully and fairly and to arrive well prepared; I will stimulate your curiosity through my enthusiasm and passion for geotopics and to present each subject in the most interesting and relevant way I can. I, in turn, expect from you students that you are motivated. You should do the readings and assignments and you should be engaged in developing your own understanding. Exert efforts to understand the information presented as part of this course. The syllabus is designed with the expectation that you will read the assigned chapters and do any learning exercises online as assigned, and come to every class prepared to ask questions, to engage with others in group discussions. This level of preparation requires that all students dedicate time on a regular basis to read and study outside of class. Because this is a four credit course, the workload is expected to be 8 hours of self-study OUTSIDE of the time spent attending the lectures and our field trip.

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Careful and critical reading of the text and your own notes is important. Students should aim to read on topics in advance of the schedule specified in the topical outline that will be handed out at the first lecture. Part of the learning process is to learn how to educate yourself! Whatever text you use will examine many (but not all) of the issues raised in the lectures as well as additional concepts that may not be presented during the lecture period. The key is to find your own motivation and learn to find information.

Assignments may be made to individuals and groups. They are designed to provide practice with methods, concepts and topics introduced in the lectures and readings. The assignments will vary throughout the semester.

**Field Trip:** To better familiarize you with our landscape (and to provide a chance to enjoy the outdoors), a day-long field trip will be held on September 30, 2023 with a rain date scheduled in October 21, 2023. Field Trip attendance IS MANDATORY, and participants will find it helpful. There will not be a make-up field trip opportunity. More details will be announced. Those attending should plan on spending ALL day from 8 am until 6 pm on the trip, and should bring your own pack lunch and water/drinks). We will likely be outside in full sun for much of the time, so make sure to come prepared – bring sunglasses, wear good sunscreen and a sunhat. There will be some walking involved, but there are **\*\*not\*\*** demanding amounts of difficult hiking required on the course. Please wear reliable footwear (sneakers, boots, or other closed shoes) and full-length trousers (i.e., not shorts). Recommendations: sunglasses, day pack, watch, chapstick, extra snacks, more water than you think you will want... camera, notebook, pens, clipboard.

**Grading and Policies Thereof:** Your grade will be assigned based upon your performance on exams, the class assignments and problem sets, some quizzes and participation. The responsibility for earning a grade is placed squarely on the shoulders of the student taking this course. Course grades will be determined by how much material each student can show they have learned, as follows:

1. MidTerm Exam 100 points.
2. Final Exam 100 points.
3. Assignments, problem sets total 200 points.
4. Participation in Field Trip Exercise 400 Points
5. Participation & Quizzes 200 points\*\*

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^Total 1000 points

\*\*The Professor may decide to drop the lowest quiz score on the part 4 mentioned above.

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Students who do not hand in materials for unexcusable reasons (as defined by the university) or do not attend the field trip cannot by design earn an A in the course. Students missing the field trip who are not excused have the grade starting at a B.

The details of the final exam will be announced. In the past this has been a part take-home//open book and it will also have an in-room component. The in-class part of the final will include short-answer format, some problems, and essay questions. The material presented in this course is cumulative, but each exam will emphasize the material covered since the previous exam, as specified in the timetable outline handed out at the first lecture. The exams are designed to realistically stretch your mind, and will involve real world scenarios.

The standard rules of examinations are set by the department and University policies. Make-up exams and quizzes are not routine in this course, and may only offered at the discretion of the Professor upon evidence of medical reasons or **extreme** extenuating circumstances.

Requests for any make-up exams must be placed in writing to Dr Nicoll within 24 hours of the exam; if granted, the time and format of any make-ups is at her discretion, and shall occur within 10 days of the originally scheduled exam or quiz.

Students with special needs as defined by the university must consult with the Center for Disabilities early in the semester to arrange accommodations such as extra exam time.

During exams, tests and quizzes, the University and department policies apply, as does a modicum of jurisprudence on the part of all students. Adherence to the general code of honor is expected on the part of students. Students may only represent themselves in the context of their work, and may not consult others or work together unless specifically told to do so. Because the exams in this class are take home exams, students must strive to remain ethical.

Students are advised that turned in work may not be plagiarized. Cutting andpasting from the internet is not tolerated; ideas should be rewritten. The University has firm policies about instructional offences; they are not tolerated under any circumstances. Penalties are severe. In general, instructional offences involve some form of deceit or trickery, such as plagiarism or copying. This form of offence involves the use and passing off the work of someone else (including other students) as one's own, without giving credit to another. To recap the prevailing University rules and regulations:

- \* Academic misconduct will not be tolerated. Penalties may include failure of an assignment, the entire course, and/or the filing of formal charges with appropriate university authorities. Academic misconduct includes, but is not limited to, cheating, misrepresenting one's work, and plagiarism:

- \* Cheating involves the unauthorized possession or use of information in an academic exercise, including unauthorized communication with another person during an exercise such as an examination.

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\* Misrepresenting one's work includes, but is not limited to, representing material prepared by another as one's own work or submitting the same work in more than one course without prior permission of all instructors.

\* Plagiarism means the intentional unacknowledged use or incorporation of any other person's work in one's own work offered for academic consideration or public presentation.

**Participation:** Points will be based on attendance-participation, in-class exercises, homework assignments, and engagement during the scheduled lecture meetings.

**Attendance** at class lectures is squarely the responsibility of the student; any online versions of lecture notes do not stand alone. For most students, success in this course will require regular attendance, attention to the reading and lecture, and studying the material. Attendance allows the opportunity to ask questions, and hear other students' questions answered. Questions and discussion are welcome.

**Restated Expectations:** This class is an upper-level offering and it is worth four credit hours. As such, following the University definition, mastery of the course content should require a minimum investment of 8 study hours/week on the part of each student. This 8 hours of studying is intended IN ADDITION TO the hours the student must spend attending the lecture itself. This definition is prescribed by the university and is meant to offer the student a standard for achievement. Hence, enrolled students should examine their commitments to evaluate whether they might have the required amount of time to devote to this class, and considering the others in their load.

The professor recommends that students come to class having read the prescribed chapter. Use the questions in the book to guide your study. If students have problems understanding the material, or would like to discuss their grades, they should arrange to see the Professor –don't delay.

In-class quizzes and other exercises may be impromptu at the discretion of the instructor, and shall not normally be offered to those not in attendance. If extenuating circumstances exist, these may be documented in writing for consideration by the Prof.

**Extra credit** is not offered upon request of the students. Please do not ask for it..

**Grade Stress:** Students facing marking difficulties should examine their priorities, and whether they are investing in the appropriate reading and study strategies for 8 hours a week on the part of this class. Those students who have concerns should seek advice.

**Class Conduct:** Students are expected to abide by suitable classroom conduct policies; the lecture period is meant to foster learning, and students should cooperate toward that goal. The Professor shall reserve the right to preserve the integrity of the classroom as such. For example, disruptive students may be asked to leave.

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During the lecture period and/or field exercises, students should exercise respect and constraint and they may not speak on communication devices, mobile phones, or engage in activities such as text messaging, IMing, web surfing, gaming, or other related activities. During the lecture period, all media devices (e.g. pagers, phones, etc) should be silenced. Students **\*\*may not\*\*** take notes on laptop computers, phones, PDAs, or tape recorders unless they have sufficient accomodation.

Students who eat cheeseburgers, distract the lecture, harm the feelings of other classmates, engage in threatening behavior, or break rules may be called out, or asked to leave the classroom.

Students who are engaged in other activities (e.g. chatting, speaking on the phone, texting, etc) are not contributing to the learning environment need to examine their intentions. When such students are disruptive to others, this is a violation of the code and it demonstrates a lack of respect. Other students and/or the Professor may issue warnings, and might ask such students to leave.

Policies on appealing grades follow those prescribed by the university and the department. First and foremost, students are encouraged to discuss their grades and related matters during office hours or another scheduled time period with the Professor. Students may raise any concerns or problems with the course material, lectures, exam questions, in person, or in writing.

Students who feel they are not performing to the grade they would wish to earn are encouraged to evaluate their study strategies, and consult with the Professor.

Any student who seems to be failing or otherwise struggling may be called in by the Professor for a meeting. This call-in consultation is mainly to touch base, and should not be viewed with hostility by the student; simply put, the Professor wishes to express concern, and does not wish anyone to fail.

Upon enrollment through the third lecture, students will indicate by their presence on the official roster that they are taking this course, and that they have read and understand the policies outlined herein.

Announcements will be made in class and posted online as needed.

Modifications to this document may be made at the discretion of the instructor.

**TAKE YOUR OWN NOTES – CURRENT VERSIONS LECTURE NOTES WILL NOT ALWAYS BE POSTED ONLINE. Consult your textbooks!!!!**

**Accomodations, restated:** In compliance with the Americans with Disabilities Act of 1990, The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If any student needs accommodations in the class,

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reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 581-5020 (V/TDD). CDS will work with students and course instructors to make arrangements for accommodations. All written information in this course can be made available in alternative format with prior notification to the Center for Disability Services; students requiring this service must advise the Center of their needs.

**Student Athletes and others with commitments (military personnel, police, fire service personnel, etc)** must inform the Professor about their schedule requirements should they be required to miss class or field trips, or leave town. We will endeavour to make things work.

**If you are considering a Geography Major (or Minor):** ...then welcome aboard! Make an appointment to see our department advisor in the department office.

**If you would wish letters of recommendation or support now, or in the future:** please note that a two-week minimum lead time is needed for Dr Nicoll to meet any deadlines. Letters of support are not always possible.

**Any Questions:** May be directed to the Dr Nicoll. Please do not hesitate to get in touch!

*Considering a major or a minor in Geography?* Great! We are happy to discuss the details with you. You can consult with a peer advisor, schedule an appointment to see the department advisor. See our department website for more information. Or attend meetings of our Geography Club!

**Attendance policy** The University and this professor expect regular attendance at all class meetings. This syllabus is official communication in writing passed out during the first class meeting. Students are responsible for acquainting themselves with and satisfying the entire range of academic objectives and requirements as defined by the instructor. PPM, Policy 6-100III-O

**Equal Access Statement** The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Union Building, 581-5020 (V/TDD). CDS will work with you and instructors to make arrangements for accommodations. All written information in the course can be made available in alternative format with prior notification to CDS.

**Addressing Sexual Misconduct** Title IX makes it clear that violence and harassment based on sex and gender, which includes sexual orientation and gender identity/expression, is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran's status or genetic information. If you or someone you know has been harassed or assaulted on the basis of your sex, including sexual orientation or gender identity/expression, you

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are encouraged to report it to the University's Title IX Coordinator; Director, Office of Equal Opportunity and Affirmative Action, 135 Park Building, 801-581-8365, or to the Office of the Dean of Students, 270 Union Building, 801-581-7066. For support and confidential consultation, contact the Center for Student Wellness, 426 SSB, 801-581-7776. To report to police, contact the Department of Public Safety, 801-585-2677(COPS). Additional information regarding reporting and victim supportive resources are available at the offices listed above.

Attention student veterans: the U of Utah has a Veterans Support Center on campus, in Room 161 in the Olpin Union Building. Hours: M-F 8-5pm. Please visit their website for more information about what support they offer, a list of ongoing events and links to outside resources: <http://veteranscenter.utah.edu> Please also let me know if you need any additional support in this class for any reason.

Attention all students, and in particular those members of the LGBTQ community: my classroom is a safe zone\*. Additionally, please know that the U of Utah has a Resource Center on campus in Room 409 in the Olpin Union Building. Hours: M-F 8-5pm. You can visit their website: <http://lgbt.utah.edu> Please also let me know if there is any additional support you need in this class.

If English is your second language, please be aware of several resources on campus that will support you with your language development and writing. These resources include: the Department of Linguistics ESL Program (<http://linguistics.utah.edu/esl-program/> (Links to an external site.) ); the Writing Center (<http://writingcenter.utah.edu/> (Links to an external site.) ); the Writing Program (<http://writing-program.utah.edu/> (Links to an external site.) ); the English Language Institute (<http://continue.utah.edu/eli/> (Links to an external site.) ). Please note that access to translators and dictionaries is not permitted during the exams. Students may not consult notes, texts, papers, calculators, papers, written materials, or each other during exams.

Attention all students: Please note that access to translators and dictionaries is not permitted during the exams. Students may not consult notes, texts, papers, calculators, papers, written materials, or each other during exams.

***Research Ranking of the University*** The University of Utah is the only institution in the state classified in the highest research category (R1). At the University of Utah, you students will have access to state-of-the-art research facilities and be able to be part of the knowledge creation process. You will have the opportunity to do research of your own with faculty who are leading experts in their field, engaging in programs that match your research interests. Further, you will interact with and often take classes with graduate students that provide an advanced understanding of the knowledge in your field.

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**Emergency Preparedness Plan** Students taking this class must be familiar with the Emergency Preparedness Plan that will be provided on the third lecture. Each building has its own evacuation plan. Should there be a drill or an actual emergency that requires a building evacuation, please assemble at the appointed “EAP” (Emergency Assembly Point) and check in with the class instructor, who will take attendance. Please follow all instructions given. Do not leave the area until you are given permission to do so.

