

# **GEOGRAPHY OF THE NATURAL ENVIRONMENT (GEOG 111G)**

New Mexico State University, Department of Geography

## **SPRING 2019**

Lecture: Tue & Thu, 10:30-11:45; Hardman and Jacobs Undergraduate Learning Center 125

Lab M01: Fri, 9:00-11:30; Breland Hall 185

Lab M02: Tue, 12:00-14:30; Breland Hall 185

Lab M03: Wed, 10:30-13:00; Breland Hall 185

## **Instructor Information**

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### **Dr. Michaela Buenemann (Professor)**

Office: Breland Hall #139

☎ (575) 646-6493

✉ elabuen@nmsu.edu

Advising Hours: Tue, 13:00-14:45; Wed, 9:00-12:00 & 13:00-15:00; Thu, 13:00-14:45; by appointment. To ensure my time is all yours when we meet, either in person in Breland Hall 139 or via [Adobe Connect](#) in Canvas, please [sign up for an advising session](#)).

### **Khandaker Iftekharul Islam (TA for Lab M01)**

Office: Breland Hall #140; ✉ iftikhar@nmsu.edu; ☎ (575) 646-3509

Advising Hours: Mon, 9:00-10:30, & Fri, 8:00-9:30, by appointment

### **Joel Cisneros (TA for Lab M02)**

Office: Breland Hall #140; ✉ jc22@nmsu.edu; ☎ (575) 646-3509

Advising Hours: Mon, 13:00-14:00, Thu, 10:20-12:00, by appointment

### **Coury Dorn (TA for Lab M03)**

Office: Breland Hall #142; ✉ couryd@nmsu.edu; ☎ (575) 646-3307

Advising Hours: Tue & Thu, 11:30-13:00, by appointment

## **Course Introduction**

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### **Course Description**

This course is about our dynamic planet Earth. Earth's surface constantly changes over space and through time and represents a complex interface where the four principle spheres of the environment meet, overlap, and interact: the atmosphere (air), the lithosphere (rocks), the biosphere (plants and animals), and the hydrosphere (water). While meteorologists, geologists, biologists, and hydrologists tend to deal with each of the systems separately, physical geographers are concerned with the overall spatial and temporal picture that results from the interactions of climate, water, landforms, vegetation, soils, etc.. An understanding of these spatio-temporal interactions is indispensable for the informed management of the environmental goods (e.g., water, food, and fuel) and services (e.g., waste decomposition, water and air purification, and nutrient cycling) upon which our survival depends. Similarly, an understanding

of these interactions is instrumental to effectively address critical issues such as climate change, natural hazards, biodiversity, energy, and sustainable development. This course introduces you to these fundamental ideas as well as to representative data, methods, and applications of physical geography—the science concerned with the spatio-temporal dynamics of the environment. The course integrates a lecture and a lab component, both of which are student-centered and thus highly interactive. The course fulfills one of NMSU’s General Education requirements (Area III – Laboratory Sciences) and is a required course for all geography majors.

## **Student Learning Outcomes**

Upon completion of this course, you should be able to:

1. think like a geographer;
2. synthesize the processes responsible for observed and potential future patterns of climate, biota, soil, water, and landforms; and
3. evaluate environmental issues using concepts, data, and methods from geography and related disciplines.

In addition, upon completion of this course you should be able to:

1. describe the process of scientific inquiry;
2. solve problems scientifically;
3. communicate scientific information;
4. apply quantitative analysis to scientific problems; and
5. apply scientific thinking to real world problems.

## **Course Structure**

This is a fast-paced course with a steep learning curve: the course introduces a variety of interrelated concepts, terms, and principles relevant to the study of our dynamic planet Earth. The major topics are treated somewhat separately in each of the chapters in your textbook as well as during the lectures and labs. However, the subject of physical geography can only be fully appreciated or grasped by synthesis and integration of the many topics discussed throughout the semester. In other words, the topics discussed throughout the semester are interrelated in intricate ways—an understanding of topics treated during the third week of class demands an understanding of the topics treated during the first and second weeks of class, and so forth. It is thus crucial that you always keep up with the readings, conversations, and assignments and that you always attend class and lab sessions. We will do our very best to facilitate learning (i.e., to help you achieve the learning outcomes stated above)—we will always prepare and present class materials to the best of our abilities; give you tasks that will help you better understand key concepts and techniques; and encourage cooperative learning and class discussions. You are responsible for learning itself.

## **Course Materials**

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### **Textbook**

You will need to acquire Modified MasteringGeography, along with the text Christopherson, R. W. and G. H. Birkeland 2018. *Geosystems – An Introduction to Physical Geography*. 10<sup>th</sup> edition. New York, NY: Pearson. The two products are available as a package deal (ISBN # 978-0-13-464252-9, ISBN-13: 978-0-13-455746-5, or 978-0-13-464160-7 for the digital, print, and

digital + print versions, respectively). MasteringGeography is integrated in Canvas and you will need to register for it to access homework assignments and use learning materials such as videos, animations, and chapter quizzes. Registration instructions for MasteringGeography will be provided to you in a separate document in Canvas as well as during the first lab meeting.

## **Lab Manual**

There is no formal lab manual for this class. Lab exercises and associated background materials will be available to you on the course website. TAs will bring printed copies of the exercises to the lab meetings; if you need hard copies of the background materials, you will need to print them yourself.

## **Communication**

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### **Canvas Course Management System Website**

Materials for this course (e.g., lectures, labs, grades) can be found at <https://learn.nmsu.edu/>. To access course materials, simply log in to your Canvas account and click the link for this course. The website is a key element of this course and you are required to review its contents regularly. If you encounter problems related to the website, please contact us immediately.

### **E-mail and Canvas Messages**

You can reach us at the NMSU email addresses provided under Instructor Information above or via Canvas Messages. Note that your NMSU email account is the official means of communicating with the university. Information critical to your success at NMSU is delivered to you via this account, and you are expected to follow rules and policies provided to you via this communication method. Any email from you to us should be sent either through your official NMSU email account or through Canvas Messages. Please be advised that due to privacy and security concerns, we are unable to respond to emails from or about students that do not originate from an official NMSU email address. Unless we are away from the office with limited access to email, we will respond to your messages within one business day. Similarly, we expect you to respond to our emails in a timely manner. So, please access your NMSU email and Canvas accounts frequently.

### **Announcements**

We will use the Announcements tool in Canvas to send time sensitive and regular information to the entire class. To ensure you receive this information the moment it is posted, set your notification preferences in Canvas to “right away”. To do so, in Canvas, go to Profile > Notifications > Announcements and change the setting “Notify me right away.”

### **Advising Hours**

Our advising hours are provided under Instructor Information above. During these hours, we will be available in person in our offices or online in our Adobe Connect rooms as noted under Instructor Information above. To meet with Dr. Buenemann, [sign up for an advising session](#) with her prior to the meeting. If none of her advising hours work for you, please [email her](#) to set up an appointment during an alternative time. To meet with the TAs, simply drop by their physical or virtual offices during their office hours or a pre-arranged time.

## Phone calls

Phone calls are not our preferred mode of communication and our response times to voice messages may be up to three business days. Our phone numbers are provided under Instructor Information above.

## Expectations

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### What You Can Expect From Us

We will be available to you during our advising hours and scheduled appointments as well as via NMSU email and Canvas messages. Don't be shy and contact us as soon as ambiguities, problems, or worries arise. We will take all of your questions, comments, and concerns seriously and respond to you as promptly and as specifically as possible. We will do our very best to provide you with a high-quality learning experience, grade assignments fairly, and offer feedback on your work within one week of turning it in. We reserve the right to make changes to course materials, assignments, and policies to better accommodate your learning needs. Any changes made will be published as soon as possible via Canvas Announcements and will not adversely affect your workload or grade. We encourage each of you to be both teacher and learner in this course. To that end, we like to encourage interactions among participants and do not wish to be "sages on the stage."

### What We Expect From Ourselves and You

Enrollment in this course and acceptance of this syllabus is your contract constituting acceptance of all NMSU policies and codes as well as all specific guidelines outlined in this syllabus. We will do our very best to facilitate learning (i.e., to help you achieve the [Course Learning Outcomes](#) stated above)—we will always prepare and present class materials to the best of our abilities; give you tasks that will help you better understand key concepts and methods; and encourage cooperative, student-centered learning. You are responsible for learning itself. In addition, we expect all participants in the course to follow the netiquette conventions below.

## Grading Policy

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### Grade Components and Weights

Your final course grade will be based on the points you earn on the following assignments.

<b>Exams (× 3)</b>	355 points	35.5 %	} <b>1,000 Points</b> <b>(100 %)</b>
<b>Homework (× 20)</b>	120 points	12.0 %	
<b>Labs (× 13)</b>	325 points	32.5 %	
<b>In-Class Activities (× 25)</b>	200 points	20.0 %	

### Grading Scale

Your final course letter grade will be based on the following fractional scale.

<b>A (4.0)</b>	95-100%	<b>B (3.0)</b>	84-86%	<b>C (2.0)</b>	74-76%	<b>D (1.0)</b>	64-66%
<b>A- (3.7)</b>	90-94%	<b>B- (2.7)</b>	80-83%	<b>C- (2.0)</b>	70-73%	<b>D- (1.0)</b>	60-63%
<b>B+ (3.3)</b>	87-89%	<b>C+ (2.3)</b>	77-79%	<b>D+ (1.0)</b>	67-69%	<b>F (0)</b>	< 60%

## Assignments and Criteria

**Exams.** There will be three exams. Exams 1, 2, and 3 will account for 10% (100 points), 11.5% (115 points), and 14% (140 points) of your final course grade, respectively, and thus for a total of **35.5%** (355 points) of your final course grade. Each exam will be cumulative, assessing your learning since the beginning of the semester. All exams will be individual efforts. **Make-up exams:** If you have a legitimate excuse for a University-sanctioned activity or work-related event that will cause you to miss an exam, contact us prior to the official exam time so that we can schedule a make-up exam, and provide us with written documentation prior to or on the day of your make-up exam. If you have to miss an exam due to illness, contact us as soon as possible so that we can schedule a make-up exam, and provide us with written documentation on the day of the exam. If you fail to follow these guidelines or if you miss an exam for other reasons, you will receive 0 points for the exam.

**Homework.** Of twenty-five possible homework assignments, you will need to complete twenty, each accounting for 0.6% (6 points) of our final course grade or for a combined total of **12%** (120 points). Homework assignments will be based on the readings and designed as an incentive for you to prepare the readings for class; that way, once we meet in class, we can engage more actively with exciting advanced topics rather than to passively listen to others lecturing. Homework assignments will be individual efforts and due by the beginning of class on the dates indicated in the Tentative Course Outline below.

**Labs.** There will be thirteen lab exercises, each accounting for 2.5% (25 points) of your final course grade or for a combined total of **32.5%** (325 points). The labs will thus be crucial to your overall success in this course. All labs will be team-based (see “Teams & Peer Evaluations” below) and completed during the lab meetings.

**In-Class Activities.** There will be twenty-five in-class activities, each accounting for 0.8% (8 points) of your final course grade or for a combined total of **20%** (200 points). Like the labs, in-class activities will thus be important to your overall success in the course. In-class activities will be team-based (see “Teams & Peer Evaluations” below) and completed during class meetings.

**Teams & Peer Evaluations.** Collaboration is an important component of most jobs and tends to be very rewarding. We thus encourage collaboration throughout the semester. To facilitate the process, you will be divided into teams, each comprised of about four students. Each team will be made up of a diversity of individuals, but different teams will be comparable to each other (e.g., each team will be composed of roughly the same number of geography and non-geography majors). Members of every individual team will complete labs and in-class activities as just that—a team. However, while each team member will initially receive the same grades as all other team members, adjustments of each team member’s grades (upward or downward) will be made based on peer evaluations that assess an individual’s contribution to the success of the team (e.g., preparedness, reliability, participation in discussions, ability to compromise). It is thus in your own best interest to attend class meetings and to always be prepared and contribute as much as possible to all team activities.

**Learning Outcomes (LOs).** Many LOs (i.e., descriptions of things you should be able to do) could be formulated for each topic, but some are particularly crucial to help you acquire the three big LOs of this course (p. 2). To help you stay focused on the important issues, we will provide you with a set of crucial LOs for each topic. Consider these LOs as your **study guide**.

**Extra Credit.** You may earn up to 3% (30 points) of extra credit on top of your final grade by successfully completing all twenty-five homework assignments.

**Further details regarding all of the above will be provided to you in class, lab, and/or in Canvas.**

## **Curving of Grades**

Individual assignments and tests will not be curved (↑ or ↓). We *may* make adjustments of the final letter grade after an assessment of the class curve at the end of the term. We consider class participation, attendance, and improvement over the term as justification for discounting a grade that is uncharacteristically lower than others.

## **Grades on Canvas**

You may use Canvas to keep track of grades that you earned for specific activities (e.g., an exam or a lab) as an individual or as part of a team. However, do not use summary grades in Canvas to assess your overall class performance as these grades are inaccurate. As described above, your team grades will be adjusted upward or downward based on peer evaluations, which Canvas does not take into account. To help you keep track of your actual overall grade, use the Excel spreadsheet on Canvas.

## **Incomplete Grades**

An I (Incomplete) grade will be assigned only if you are unable to complete the course due to circumstances beyond your control (e.g., documented illness or documented death or crisis in your immediate family) that develop after the last day to withdraw from the course. Job-related circumstances are generally not appropriate grounds for assigning an I. An I grade will not be used to avoid assigning of D, F, U, or RR grades for marginal or failing work.

## **Late Work**

Work not received by the deadline will not be graded and given 0 points, except in unusual circumstances. We have three major reasons for not accepting late work. First, it is difficult to keep up with students who turn things in late and determine just how much to dock an assignment. Our time is better spent on improving course materials and providing better feedback. Second, there will be no confusion concerning when assignments are due. Third, imposing hard deadlines will prepare you for the real world. To ensure you meet all deadlines, allow extra time for glitches in computer hardware and software, internet connectivity, etc.; i.e., start working on assignments early and try to submit them ahead of time. If you are unable to submit your work on time due to extenuating circumstances, please discuss the situation with us well before anything is due so that we can develop solutions that support you.

## **Attendance**

Absences need to be excused on exam days only. Absences due to University-sanctioned activities, work-related events, holidays or special events observed by organized religions, or illness will be excused, if you provide us with official written documentation explaining your absence. We don't really have any additional attendance policies. Just keep the following in mind: learning is your responsibility and, if you miss a lecture or lab, you will have to figure out how to "make it up;" your peers will evaluate you in terms of your contributions to the success of your team and the class and these evaluations will be used to convert team grades to individual

grades.

## **Class Withdrawals**

Withdrawal from this course is solely your responsibility; we will not drop you from this class under any circumstances. If you no longer wish to be enrolled in this course, you must withdraw from it. If you are still on the class roll at the end of the semester, you will receive a grade based on the work submitted.

## **Academic and Non-Academic Integrity**

Enrollment in this course and acceptance of this syllabus is your contract constituting acceptance of all University policies regarding academic and non-academic integrity. You are expected to comply fully with the NMSU Student Code of Conduct, which defines academic misconduct, non-academic misconduct, and the consequences or penalties for each. The Student Code of Conduct is available in the [NMSU Student Handbook](#). Students who are judged to be guilty of [academic misconduct](#), which includes cheating, plagiarism, and other forms of academic dishonesty, will be reported as required by [NMSU policy](#).

## **Student Support**

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NMSU is committed to ensuring all students have the support they need to be successful and expand their educational horizons.

### **Academic Learner Services Support**

- Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act Amendments Act (ADAAA) covers issues relating to disability and accommodations. If you have questions or need an accommodation in the classroom (all medical information is treated confidentially), contact: Trudy Luken, Director; [Student Accessibility Services \(SAS\)](#), Corbett Center Student Union Room 208; Phone: (575) 646-6840; [E-mail](#).
- NMSU, in compliance with applicable laws and in furtherance of its commitment to fostering an environment that welcomes and embraces diversity, does not discriminate on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex (including pregnancy), sexual orientation, spousal affiliation, or protected veteran status in its programs and activities, including employment, admissions, and educational programs and activities. Inquiries may be directed to the Laura Castille, Executive Director, Title IX and Section 504 Coordinator, [Office of Institutional Equity \(OIE\)](#), P.O. Box 30001, 1130 E University Avenue, Las Cruces, NM 88003; Phone: (575) 646 3635; TTY: (575) 646 7802 (TTY); [E-mail](#).
- Title IX prohibits sex harassment, sexual assault, intimate partner violence, stalking, and retaliation. For more information on discrimination or Title IX, or to file a complaint, contact Laura Castille, Executive Director, Title IX and Section 504 Coordinator, [Office of Institutional Equity \(OIE\)](#), P.O. Box 30001, 1130 E University Avenue, Las Cruces, NM 88003; Phone: (575) 646 3635; TTY: (575) 646 7802 (TTY); [E-mail](#).
- [NMSU Police Department](#): (575) 646-3311
- [NMSU Police Victim Services](#): (575) 646-3424
- [NMSU Counseling Services](#): (575) 646-2731

- [NMSU Dean of Students](#): (575) 646-1722
- For Any On-Campus Emergencies: 911

## Student Support Services

- The [Math Success Center](#) provides students continuing support with math supplemental instruction, tutoring, and testing.
- The [Writing Center](#) offers free services to all NMSU students through one-on-one consultations at any stage in the writing process, from understanding assignment directions to revising final drafts. The Writing Center is staffed by graduate assistants who teach undergraduate writing courses in the English Department and offers online consultations for distant learners. Consultants advise students on aspects of proofreading and editing, but do not provide editing services.
- The [NMSU Student Success Center](#) offers a variety of programs and services, including Freshman Year Experience, Campus Tutoring Service, Learning & Study Skills Workshops, Peer, and TRIO Student Support Services. The Student Success Center also serves students through Career Services and Financial Literacy.
- The [NMSU Center for Academic Advising and Student Support](#) offers centralized advising for undergraduate students. We also encourage both undergraduate and graduate students to meet with [faculty in the NMSU Department of Geography](#) concerning any questions and concerns.
- [NMSU Financial Aid and Scholarship Services](#) offers timely and understandable information about financial aid and scholarship options to all students.
- The [NMSU Registrar's Office](#) supports all students at NMSU; [registering for classes](#) at NMSU requires three steps: academic advising, registering for classes, and paying the tuition and fee bill.
- [Other resources for NMSU](#) students include [tutoring services](#), the [library](#), [career services](#), the [Aggie Health and Wellness Center](#), and more. Numerous webpages provide information on [distance education](#) for online students.

## Technical Support

The ICT Customer Service Center is equipped to deal with all of your information technology (IT) and telecommunications needs at NMSU. The ICT Customer Service Center hours of operation are from 8:00 am until 5:00 pm Monday through Friday Mountain Time. Please feel free to contact them at (575) 646-1840 or via [e-mail](#). You can also go to the [Student Technology Help](#) web page and [Student Resources](#) located at the [Canvas](#) web page for additional information on Canvas. For assistance with ArcGIS, contact your TA or Dr. Buenemann as [described above](#).

## Important Dates

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You may add courses through Thursday, 17 January 2019 without instructor permission and through Monday, 28 January 2019 with instructor permission. Late registration fees will apply for courses added after Wednesday, 16 January 2019. The deadlines for dropping this course without and with a “W” are Friday, 1 February 2019, and Friday 15 March 2019, respectively. You may withdraw from the university (withdraw from all classes) through Friday, 3 May 2019.

## Syllabus Modifications Statement

We reserve the right to make changes to course materials, assignments, and policies to better accommodate your learning needs. Any changes made will be published as soon as possible via Canvas Announcements and will not adversely affect your workload or grade. For the most recent version of the syllabus, always consult Canvas.

## Tentative Course Outline

Week	Date	Topic	Due: <b>At Home</b>   <b>In Class</b>   <b>In Lab</b> * Pages in Textbook
1	01/17	Icebreaker	✓ <b>In-Class Activity #1</b>
2	01/22	<b>Essentials of Geography</b> The Science of Geography	✓ Reading*: 1-17 ✓ Homework Opportunity #1 ✓ <b>In-Class Activity (Not Graded)</b>
	01/24	The Geographer's Toolkit	✓ Reading*: 22-31 ✓ Homework Opportunity #2 ✓ <b>In-Class Activity (Not Graded)</b>
	Lab	Introductions, Team Assignments, Registering for MasteringGeography	✓ Textbook ✓ Voting Cards ✓ Study Syllabus
3	01/29	<b>The Planet Earth in Space and Time</b> Earth-Sun Relationships	✓ Reading*: 15, 18-22, 36-39, 45-53 ✓ Homework Opportunity #3 ✓ <b>In-Class Activity #2</b>
	01/31	The Global Energy System	✓ Reading*: 40-45, 78-94 ✓ Homework Opportunity #4 ✓ <b>In-Class Activity #3</b>
	Lab	Lab #1: Maps	✓ <b>Lab #1</b>
4	02/05	<b>Earth's Atmosphere &amp; Hydrosphere</b> Intro to Earth's Atmosphere & Atmospheric Temperature	✓ Reading*: 56-75, 95-115 ✓ Homework Opportunity #5 ✓ <b>In-Class Activity #4</b>
	02/07	Intro to Earth's Hydrosphere & Atmospheric Moisture	✓ Reading*: 154-178, 186-191, 218- 221 ✓ Homework Opportunity #6 ✓ <b>In-Class Activity #5</b>
	Lab	Lab #2: Earth-Sun Relationships	✓ <b>Lab #2</b>
5	02/12	Atmospheric and Oceanic Circulations	✓ Reading*: 118-149 ✓ Homework Opportunity #7 ✓ <b>In-Class Activity #6</b>
	02/14	Weather Systems	✓ Reading*: 182-213 ✓ Homework Opportunity #8 ✓ <b>In-Class Activity #7</b>
	Lab	Lab #3: Atmospheric Temperature and	✓ <b>Lab #3</b>

		Moisture <b>Peer Evaluation #1</b>	
6	02/19	Review for Exam 1	✓ Prepare for Exam Review ✓ <b>In-Class Activity #8</b>
	02/21	<b>Exam 1</b>	✓ Prepare for Exam #1
	Lab	Lab #4: Atmospheric Pressure and Wind	✓ <b>Lab #4</b>
7	02/26	Climate Systems	✓ Reading*: 248-275 ✓ Homework Opportunity #9 ✓ <b>In-Class Activity #9</b>
	02/28	Climate Change	✓ Reading*: 278-311 ✓ Homework Opportunity #10 ✓ <b>In-Class Activity #10</b>
	Lab	Lab #5: Excursion – GPS	✓ <b>Lab #5</b>
8	03/05	<b>Earth's Lithosphere</b> Intro to Earth's Lithosphere & Endogenic Processes I: Plate Tectonics	✓ Reading*: 316-345 ✓ Homework Opportunity #11 ✓ <b>In-Class Activity #11</b>
	03/07	Endogenic Processes II: Volcanism & Diastrophism	✓ Reading*: 348-377 ✓ Homework Opportunity #12 ✓ <b>In-Class Activity #12</b>
	Lab	Lab #6: Climate Systems <b>Peer Evaluation #2</b>	✓ <b>Lab #6</b>
9	03/12	Exogenic Processes I: Weathering	✓ Reading*: 386-392 ✓ Homework Opportunity #13 ✓ <b>In-Class Activity #13</b>
	03/14	Exogenic Processes II: Mass Wasting	✓ Reading*: 380-386, 397-405 ✓ Homework Opportunity #14 ✓ <b>In-Class Activity #14</b>
	Lab	Lab #7: Rocks	✓ <b>Lab #7</b>
10	03/19	Soils	✓ Reading*: 522-547, 222-226 ✓ Homework Opportunity #15 ✓ <b>In-Class Activity #15</b>
	03/21	Desertification, Land Degradation, and Drought	✓ Reading*: 226-244, 450-452, 531-533 ✓ Homework Opportunity #16 ✓ <b>In-Class Activity #16</b>
	Lab	Lab #8: Endogenic and Exogenic Processes	✓ <b>Lab #8</b>
11	---	<b>Spring Break (03/25-03/29): No Lectures, No Labs</b>	
12	04/02	Review for Exam 2	✓ Prepare for Exam Review ✓ <b>In-Class Activity #17</b>
	04/04	<b>Exam 2</b>	✓ Prepare for Exam #2

	Lab	Lab #9: Soils <b>Peer Evaluation #3</b>	✓ Lab #9
13	04/09	<b>Earth's Biosphere</b> Intro to Earth's Biosphere & Biogeographic Principles	✓ Reading*: 550-577 ✓ Homework Opportunity #17 ✓ In-Class Activity #18
	04/11	Terrestrial Biomes	✓ Reading*: 580-603* ✓ Homework Opportunity #18 ✓ In-Class Activity #19
	Lab	Lab #10: Biogeography	✓ Lab #10
14	04/16	<b>Earth's Landscapes</b> Karst and Hydrothermal Landscapes	✓ Reading*: 393-396, 340-342 ✓ Homework Opportunity #19 ✓ In-Class Activity #20
	04/18	Fluvial Landscapes	✓ Reading*: 408-435 ✓ Homework Opportunity #20 ✓ In-Class Activity #21
	Lab	Lab #11: Karst Landscapes	✓ Lab #11
15	04/23	Aeolian Landscapes	✓ Reading*: 438-449 ✓ Homework Opportunity #21 ✓ In-Class Activity #22
	04/25	Arid Landscapes	✓ Reading*: 450-459 ✓ Homework Opportunity #22 ✓ In-Class Activity #23
	Lab	Lab #12: Fluvial Landscapes	✓ Lab #12
16	04/30	Glacial and Periglacial Landscapes	✓ Reading*: 490-517 ✓ Homework Opportunity #23 ✓ In-Class Activity #24
	05/02	Coastal Landscapes	✓ Reading*: 450-459 ✓ Homework Opportunity #24 ✓ In-Class Activity #25
	Lab	Lab #13: Arid Landscapes <b>Peer Evaluation #4</b>	✓ Lab #13
17	05/07	<b>Final Exam: 10:30 - 12:30</b>	✓ Homework Opportunity #25 ✓ Prepare for Exam #3

## Notes

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