

San José State University
COSS/Anthropology
ANTH151, Modernity and Disease, Section 1, Spring, 2018

Course and Contact Information

Instructor:	Professor Elizabeth Weiss
Office Location:	CL404R
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Office Hours:	Tuesdays 1030-1145 & 1615-1745; Thursdays 1030-1145
Class Days/Time:	Tuesdays & Thursdays 1200-1315
Classroom:	Washington Square Hall 004
Prerequisites:	ANTH012 or Instructor Consent

Course Description

Modernity and Disease explores the effects of the modern world on human biology, with specific emphasis on adaptations to the last several decades of environmental changes. Topics include reproduction, diet, and infectious, geriatric and environmental diseases.

Course Learning Outcomes (CLO)

During the semester, students will acquire knowledge on how human health is impacted by our genes, evolution and the modern environment.

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

1. CLO 1 identify trends of bone health that have occurred in the last 100 years.
2. CLO 2 identify human evolutionary adaptations that are incongruent with modern lifestyles.
3. CLO 3 identify types of data used to understand changes in health through time.

Required Texts/Readings

Paleopathology in Perspective: Bone Health and Disease through Time. 2014. Elizabeth Weiss. Rowman and Littlefield. ISBN-10: 0759124426; ISBN-13: 978-0759124424.

Evolving Health: The Origins of Illness and How the Modern World Is Making Us Sick. 2002. Noel Boaz. John Wiley & Sons. ISBN-10: 0471352616; ISBN-13: 978-0471352617.

Course Requirements and Assignments

- There will be 3 quizzes (15% each) and a comprehensive final exam (30%).
- There will be a reading question at the beginning of each class that has assigned reading; two of which will be dropped. These cannot be made up for any reason, which is why two are dropped. Each is worth 0.5% (for 10% in total).

- There will be one 4 to 5-page paper on a modern health issue (15%), which will be turned in in class (printed out) and on turnitin.com (class name: ANTH151_Spring2018; class ID: 17071344, enrollment key: disease).
- There will be extra credit opportunities that are based around preparedness for the review sessions; each member of the winning team will get 2 points added on to the next exam (quiz or final).
- Read the assignments before class and ask questions when something is unclear.

Grading Policy

Grading is as followed:

A	B	C	D
97% - 100% = A+	87-89% = B+	77-79% = C+	67-69% = D+
91-96% = A	81-86% = B	71-76% = C	61-66% = D
90% = A-	80% = B-	70% = C-	60% = D-

Make-up Work

If you know in advance that you should be unable to attend a quiz or the final it is your responsibility to contact me immediately by either e-mailing or telephoning me, leaving a message for me at the main department office, or coming by during my office hours. Only students with a valid documented excuse will be able to take an exam late or hand in a late assignment. An assignment is deemed late if it is not turned in before the end of the class on the assigned due date.

Classroom Protocol

I consider my students adults. When one attends lecture, one should behave appropriately and pay attention. If one feels that they cannot pay attention (for whatever reason), then one should not attend class. No electronics will be allowed out in class. Make sure to bring your textbooks to class; if you have e-texts, then read sufficiently close enough and have notes or printouts available for reference.

University Policies

Further university policies, such as add/drop dates, academic integrity, recording class lectures, sharing or posting instructor materials, and more, can be found on <http://www.sjsu.edu/gup/syllabusinfo>. Students are expected to abide by all of these policies.

ANTH151/Modernity and Disease, Spring 2018, Course Schedule

List the agenda for the semester including when and where the final exam will be held. Indicate the schedule is subject to change with fair notice and how the notice will be made available.

Course Schedule

Week	Date	Topics, Readings, Assignments, Deadlines
1	Th, 1/25	Introduction & Greensheet
2	Tu, 1/30	Changes Through Time: Weiss 1; Boaz 1
2	Th, 2/1	Bone Biology and the Data: Weiss 1
3	Tu, 2/6	Bone Health: Malnutrition & Growth: Weiss 2
3	Th, 2/8	Bone Health: Losing Bone: Weiss 3
4	Tu, 2/13	Bone Health: Reproductive Choices: Weiss 3
4	Th, 2/15	Childhood Injuries: Weiss 4
5	Tu, 2/20	Quiz 1 Review
5	Th, 2/22	Quiz 1
6	Tu, 2/27	Bipedality and Back Pain: Weiss 5; Boaz 11: 149-153
6	Th, 3/1	Repetitive Stresses: Boaz 11: 155-160
7	Tu, 3/6	Osteoarthritis: Weiss 6
7	Th, 3/8	Gout: Boaz 10
8	Tu, 3/13	Oral Health: Dental Biology: Weiss 7
8	Th, 3/15	Oral Health: Tooth Loss Trends: Weiss 7
9	Tu, 3/20	Quiz 2 Review
9	Th, 3/22	Quiz 2
10	Tu, 3/27	SPRING BREAK
10	Th, 3/29	SPRING BREAK
11	Tu, 4/3	Infectious Diseases: Bacteria and Parasites: Weiss 8
11	Th, 4/5	Infectious Diseases: Viruses: Boaz 4
12	Tu, 4/10	Birth Defects: Weiss 9; Boaz 3: 44-53
12	Th, 4/12	Birth Defects: Weiss 9; Boaz 3: 44-53
13	Tu, 4/17	Cancer and Evolution: Boaz 5, 6, 8
13	Th, 4/19	High Blood Pressure: Boaz 7

Week	Date	Topics, Readings, Assignments, Deadlines
14	Tu, 4/24	Diabetes: Boaz 9
14	Th, 4/26	Gut Diseases: Boaz 12
15	Tu, 5/1	Quiz 3 Review
15	Th, 5/3	Quiz 3
16	Tu, 5/8	Next Fifty Years: Weiss 10; Boaz 14; Papers Due
16	Th, 5/10	Review
Final Exam	Th, 5/17	Washington Square Hall 004, 0945-1200