

San José State University
COSS/Anthropology
ANTH151, Modernity and Disease, Section 1, Spring, 2017

Course and Contact Information

Instructor:	Dr. Elizabeth Weiss
Office Location:	CL404R
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Email:	Elizabeth.Weiss@sjsu.edu
Office Hours:	TR 1045 - 1145 and 1330 - 1445 (or by appointment)
Class Days/Time:	TR 1500 – 1415
Classroom:	WSQ 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.

Learning Outcomes

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

Course Learning Outcomes (CLO)

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

Textbook

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 (20% each) and a comprehensive final exam (25%).
- There will be one 4 to 5-page paper on a modern health issue (15%).
- There will be extra credit opportunities that are based around preparedness for the review sessions.
- 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.

Tests will be passed out the next class period and then we will review the answers. If you miss class, make sure to pick up the test the subsequent class period or during office hours.

Classroom Protocol

I consider my students adults. Attendance is optional. 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.

University Policies

Course Requirements and Assignments

SJSU classes are designed such that in order to be successful, it is expected that students will spend a minimum of forty-five hours for each unit of credit (normally three hours per unit per week), including preparing for class, participating in course activities, completing assignments, and so on. More details about student workload can be found in University Policy S12-3 at <http://www.sjsu.edu/senate/docs/S12-3.pdf>.

University Policies

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' Syllabus Information web page at <http://www.sjsu.edu/gup/syllabusinfo/>.

ANTH151 / Modernity and Disease, Spring 2015, Course Schedule

Week	Date	Topics, Readings, Assignments, Deadlines
1	1/26	Introduction & Greensheet
2	1/31	Changes Through Time: Weiss 1; Boaz 1
2	2/2	Bone Biology and the Data: Weiss 1
3	2/7	Bone Health: Malnutrition & Growth: Weiss 2
3	2/9	Bone Health: Losing Bone: Weiss 3
4	2/14	Bone Health: Reproductive Choices: Weiss 3
4	2/16	Childhood Injuries: Weiss 4
5	2/21	Quiz 1 Review
5	2/23	Quiz 1
6	2/28	Bipedality and Back Pain: Weiss 5; Boaz 11: 149-153
6	3/2	Repetitive Stresses: Boaz 11: 155-160
7	3/7	Osteoarthritis: Weiss 6
7	3/9	Gout: Boaz 10
8	3/14	Oral Health: Dental Biology: Weiss 7
8	3/16	Oral Health: Tooth Loss Trends: Weiss 7
9	3/21	Quiz 2 Review
9	3/23	Quiz 2
10	3/28	SPRING BREAK
10	3/30	SPRING BREAK
11	4/4	Infectious Diseases: Bacteria and Parasites: Weiss 8
11	4/6	Infectious Diseases: Viruses: Boaz 4
12	4/11	Birth Defects: Weiss 9; Boaz 3: 44-53
12	4/13	Birth Defects: Weiss 9; Boaz 3: 44-53
13	4/18	Cancer and Evolution: Boaz 5, 6, 8
13	4/20	High Blood Pressure: Boaz 7
14	4/25	Diabetes: Boaz 9
14	4/27	Gut Diseases: Boaz 12
15	5/2	Quiz 3 Review
15	5/4	Quiz 3
16	5/9	Evolution of Psychiatric Diseases: Boaz 13
16	5/11	Next Fifty Years: Weiss 10; Boaz 14; Papers Due

Week	Date	Topics, Readings, Assignments, Deadlines
17	5/16	Final Review
Final Exam	5/18 Thursday	WSQ004; 1445-1700