

San José State University
COSS/ANTH
151, Modernity and Disease, Section 01, Spring 2020

Course and Contact Information

Instructor:	Dr. Elizabeth Weiss
Office Location:	CL404R
Telephone:	408-924-5546
Email:	Elizabeth.Weiss@sjsu.edu
Office Hours:	Mondays 4:45 to 5:45 PM, Tuesdays 3:00 to 4:00 PM
Class Days/Time:	Tuesdays and Thursdays 12:00 to 1:15 PM
Classroom:	WSQ004
Prerequisites:	ANTH012 or instructor consent.

Course Materials and Updates

Course materials, such as handouts, notes, assignment instructions, will be sent to your email address (the one which is stored on MySJSU). I may also hand out materials in class. I do **not** use Canvas. You are responsible for regularly checking your email to learn of any updates.

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:

CLO 1 identify trends of bone health that have occurred in the last 100 years.

CLO 2 identify human evolutionary adaptations that are incongruent with modern lifestyles.

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 (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; extra credit is worth one exam question.
- Read the assignments before class and ask questions when something is unclear.

“Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally three hours per unit per week) for instruction, preparation/studying, or course related activities, including but not limited to internships, labs, and clinical practica. Other course structures will have equivalent workload expectations as described in the syllabus.”

Final Examination or Evaluation

The final exam is comprehensive, in-class, and closed book and no notes. It will be held during the assigned final time (Wednesday, May 13th from 9:45 to noon) in the regular classroom location (WSQ004).

“Faculty members are required to have a culminating activity for their courses, which can include a final examination, a final research paper or project, a final creative work or performance, a final portfolio of work, or other appropriate assignment.”

Grading Information

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

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 by e-mail. Only students with a valid documented excuse will be able to take an exam late or hand in a late assignment.

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. Make sure to bring your textbooks to class.

University Policies

Per [University Policy S16-9](http://www.sjsu.edu/senate/docs/S16-9.pdf) (<http://www.sjsu.edu/senate/docs/S16-9.pdf>), relevant information to all courses, such as academic integrity, accommodations, dropping and adding, consent for recording of class, etc. is available on Office of Graduate and Undergraduate Programs' [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo/) at <http://www.sjsu.edu/gup/syllabusinfo/>. **Make sure to visit this page, review and be familiar with these university policies and resources.**

ANTH151/Modernity and Disease, Spring 2020 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

Date	Topics, Readings, Assignments, Deadlines <i>(If appropriate, add any extra column(s) to meet your needs.)</i>
R, 1/23	Introduction & Greensheet
T, 1/28	Changes Through Time: Weiss 1; Boaz 1
R, 1/30	Bone Biology and the Data: Weiss 1
T, 2/4	Bone Health: Malnutrition & Growth: Weiss 2
R, 2/6	Bone Health: Losing Bone: Weiss 3
T, 2/11	Bone Health: Reproductive Choices: Weiss 3
R, 2/13	Childhood Injuries: Weiss 4
T, 2/18	Quiz 1 Review
R, 2/20	Quiz 1
T, 2/25	Bipedality and Back Pain: Weiss 5; Boaz 11: 149-153
R, 2/27	Repetitive Stresses: Boaz 11: 155-160
T, 3/3	Osteoarthritis: Weiss 6
R, 3/5	Gout: Boaz 10
T, 3/10	Oral Health: Dental Biology: Weiss 7
R, 3/12	Oral Health: Tooth Loss Trends: Weiss 7
T, 3/17	Quiz 2 Review
R, 3/19	Quiz 2
T, 3/24	Infectious Diseases: Bacteria and Parasites: Weiss 8
R, 3/26	Infectious Diseases: Viruses: Boaz 4
T, 3/31	SPRING BREAK
R, 4/2	SPRING BREAK
T, 4/7	Birth Defects: Weiss 9; Boaz 3: 44-53
R, 4/9	Birth Defects: Weiss 9; Boaz 3: 44-53
T, 4/14	Cancer and Evolution: Boaz 5, 6, 8
R, 4/16	High Blood Pressure: Boaz 7
T, 4/21	Diabetes: Boaz 9

Date	Topics, Readings, Assignments, Deadlines <i>(If appropriate, add any extra column(s) to meet your needs.)</i>
R, 4/23	Gut Diseases: Boaz 12
T, 4/28	Quiz 3 Review
R, 4/30	Quiz 3
T, 5/5	Next Fifty Years: Weiss 10; Boaz 14; Papers Due
R, 5/7	Review
W, 5/13	Final Exam: WSQ004, 9:45 AM to Noon