

University of Southern California – Department of Biological Sciences
Human Biology 301L – Human Anatomy (4 units)
Summer 2016

Instructor: Erik M. Kolb, Ph.D.
Office Hours: Tuesday/Thursday 9:00-9:45am (AHF B39)
Email: ekolb@usc.edu

Lecture: Monday-Thursday 10:00-11:50 am; GFS 201

Laboratory: Tuesday/Thursday 1:00-3:50pm; PED B7

Course Description:

Introduction to the fundamental concepts and interactions of the biology and mechanics of the human body. Analysis of the tissues and structures that comprise the major organ systems of the body as well as the functional implications of these structural relationships.

Learning Objectives:

1. To develop a deep comprehension of the interrelationship of human form and function.
2. To inculcate critical thinking by using the application of knowledge in human anatomy to solve both real-world and conceptual problems.
3. To place human anatomy into an evolutionary context.

I. Texts (Required):

- 1) **Human Anatomy.** 7th edition, Marieb, E. N., Wilhelm, P. B., and J. Mallatt. Pearson Benjamin Cummings, San Francisco, CA, 2014.
- 2) **Human Anatomy Laboratory Manual.** Matveyenko, M. A. B., and E. M. Kolb.

II. Grading Outline:

20%	Midterm 1	200 pts.
25%	Midterm 2	250 pts.
30%	Final	300 pts.
25%	Lab	<u>250 pts.</u>
Total =		1000 pts.

▪ Exams and lab grades will not be given a letter grade. Only the final grade will be given a letter grade. The grading scale will be based on a traditional grading scale as follows:

A (≥94%)	A- (≥90%)	
B+ (≥88%)	B (≥84%)	B- (≥80%)
C+ (≥78%)	C (≥74%)	C- (≥70%)
D+ (≥68%)	D (≥64%)	D- (≥60%)
F (≤59.9%)		

▪ There will be no make-up exams.

III. Laboratory Component

Lab Instructors: Erik M. Kolb, Ph.D.
Lab Director: Emi Embler, Ph.D. (eembler@usc.edu)

IV. Tentative Lecture Schedule:

Date	Lecture Topic	Marieb
May 18	Introduction / Body Orientation and Gross Anatomy	Ch. 1
May 19	Tissues	Ch. 4
May 23	The Nervous System / The Central Nervous System (CNS)	Ch. 12 / Ch. 13
May 24	CNS / The Peripheral Nervous System (PNS)	Ch. 13 / Ch. 14
May 25	Special Senses	Ch. 16
May 26	Special Senses	Ch. 16
May 30	Memorial Day Holiday: NO CLASS	
May 31	The Endocrine System	Ch. 17
Jun. 1	The Integumentary System	Ch. 5
Jun. 2	MIDTERM I	
Jun. 6	The Skeletal System	Ch. 6
Jun. 7	Joints / Articulations	Ch. 9
Jun. 8	The Axial Skeleton / The Appendicular Skeleton	Ch. 7 / Ch. 8
Jun. 9	The Muscular System	Ch. 10
Jun. 13	The Respiratory System	Ch. 22
Jun. 14	Blood / The Heart	Ch. 18 / Ch. 19
Jun. 15	Blood Vessels / Lymphatic System	Ch. 20 / Ch. 21
Jun. 16	MIDTERM II	
Jun. 20	The Digestive System	Ch. 23
Jun. 21	The Digestive System / The Urinary System	Ch. 23 / Ch. 24
Jun. 22	The Urinary System / The Reproductive System	Ch. 24 / Ch. 25
Jun. 23	The Reproductive System	Ch. 25
Jun. 27	TBA	
Jun. 28	FINAL EXAMINATION	

V. Academic Accommodations:

Any student requesting academic accommodations based on a disability are required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me (the instructor) as early in the semester as possible. DSP is located in Student Union (STU) 301 and is open 8:30-5:00pm Monday – Friday. The phone number for DSP is (213) 740-0776.

VI. Academic Conduct:

Plagiarism – presenting someone else’s ideas as your own, either verbatim or recast in your own words – is a serious academic offense with serious consequences. Please familiarize yourself with the discussion of plagiarism in SCampus in Section 11, Behavior Violating University Standards <https://scampus.usc.edu/1100->

behavior-violating-university-standards-and-appropriate-sanctions/. Other forms of academic dishonesty are equally unacceptable. See additional information in SCampus and university policies on scientific misconduct, <http://policy.usc.edu/scientific-misconduct/>.

Discrimination, sexual assault, and harassment are not tolerated by the university. You are encouraged to report any incidents to the Office of Equity and Diversity <http://equity.usc.edu/> or to the Department of Public Safety <http://capsnet.usc.edu/departments/departments-public-safety/online-forms/contact-us>. This is important for the safety whole USC community. Another member of the university community – such as a friend, classmate, advisor, or faculty member – can help initiate the report, or can initiate the report on behalf of another person. The Center for Women and Men <http://www.usc.edu/student-affairs/cwm/> provides 24/7 confidential support, and the sexual assault resource center webpage sarc@usc.edu describes reporting options and other resources.

VII. Disruptive and Threatening Student Behavior:

Behavior that persistently or grossly interferes with classroom activities is considered disruptive behavior and may be subject to disciplinary action. Such behavior inhibits other students' ability to learn and an instructor's ability to teach. A student responsible for disruptive behavior may be required to leave class pending discussion and resolution of the problem and may be reported to the Office of Student Judicial Affairs for disciplinary action.

VIII. Support Systems

A number of USC's schools provide support for students who need help with scholarly writing. Check with your advisor or program staff to find out more. Students whose primary language is not English should check with the American Language Institute <http://dornsife.usc.edu/ali>, which sponsors courses and workshops specifically for international graduate students. The Office of Disability Services and Programs http://sait.usc.edu/academicsupport/centerprograms/dsp/home_index.html provides certification for students with disabilities and helps arrange the relevant accommodations. If an officially declared emergency makes travel to campus infeasible, USC Emergency Information <http://emergency.usc.edu/> will provide safety and other updates, including ways in which instruction will be continued by means of blackboard, teleconferencing, and other technology.

IX. Blackboard

Notes will be periodically posted on blackboard. However, the information posted on blackboard is not the only material that will be on the exam. If you attend class regularly you will be updated on the status of lecture notes and course material/announcements.

X. Electronic Devices

Please turn off or disable all cell phones or other electronic communication devices during class time. Using a laptop in class to take lecture notes is permitted. However, please turn off your browser, email, messaging and any other programs that do not involve the course material.