

Biology 252 – Introduction to Human Anatomy and Physiology

Summer Session I 2010

Summer Session I 2010 Course Information:

Biology 252 is an introductory course in Human Anatomy and Physiology. While this is an introductory course, it is will be comprehensive and probably difficult. The lecture will take a systems-approach focusing on structure and function of the human body and will include anatomy, histology, and physiology. The lab will focus on anatomy. Materials taught in lecture and lab will be tested separately but the grades will be combined for the final course grade.

Class	Date	Day	Topic(s)	Chapter(s)	Lab #	Lab Topic
1	11-May	Tue	Intro/Integ	4 & 5	1	Axial
2	12-May	Wed	Skeletal I: Structure & function	6 & 7		
3	13-May	Thu	Skeletal II: dynamics & Joints	7 & 8	2	Appendicular
4	14-May	Fri	Muscle I: Structure, function, & sliding filament	9		
5	17-May	Mon	Muscle II: Excitation, Performance, & Smooth muscles	9	3	Upper Limb
6	18-May	Tue	Exam 1	4, 5, 6, 7, 8, 9	4	Review
7	19-May	Wed	Nervous System I: Histology, Organization, & Physiology	11 & 12		
8	20-May	Thu	Nervous System II: CNS, PNS, & ANS	12, 13, 14	5	Lab Exam 1
9	21-May	Fri	Nersous System III: Special Senses	13		
10	24-May	Mon	Endocrine I	15	6	Lower
11	25-May	Tue	Endocrine II	15	7	Brain
12	26-May	Wed	Exam 2	11, 12, 13,1 4, 15		
13	27-May	Thu	CardioVascular I	16 & 17	8	Review
14	28-May	Fri	CardioVascular II	18 & 19		
Holiday	31-May	Mon				
15	1-Jun	Tue	Immune I:	20	9	Lab Exam 2
16	2-Jun	Wed	Immune II:	20		
17	3-Jun	Thu	Exam 3	16, 17, 18, 19, 20	10	Heart and Respiratory
18	4-Jun	Fri	Respiratory System	21		
19	7-Jun	Mon	Urinary System	24	11	Digestive and Urogenital
20	8-Jun	Tue	Fluids, Salts, & pH	25	12	Review
21	9-Jun	Wed	Digestive System I	22		
22	10-Jun	Thu	Digestive System II	22 & 23	13	Lab Exam 3
23	11-Jun	Fri	Reproduction I: Anatomy & Physiology	26		
24	14-Jun	Mon	Final Exam	Cumulative		

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Lecture: Monday through Friday, 11:30 AM – 1:00 PM in Wilson Hall, Room 107

Laboratory: Is a co-requisite. You cannot take the lecture without the lab. Labs will be taught by Teaching Assistants (see below), coordinated by me.

Prerequisites: BIOL 101 & 101L.

About your Instructor: Dr. Peter DeSaix (pdesaix@email.unc.edu)

I received my Ph.D. in developmental biology from the UNC Department of Zoology in 1977 and proceeded to do a couple of years of post-graduate study in molecular genetics before ending up in the School of Public Health. As a visiting scholar, I have taught BIOL 101, 205, and 252.

I am a trained Safe Zone ally. This means I am a safe person to talk to about lesbian, gay, bisexual, transgender, and heterosexual ally issues. If you have questions about or are struggling with these issues, I am here to offer support and guidance.

My summer school office is in Wilson 104A. I will be available before and after class to answer questions. Also, please feel free to make appointments for other times.

Your TAs:

Raymond Fox

Raymond_fox@med.unc.edu

Office Hours: By appointment

Elizabeth Mosley

emosley@email.unc.edu

Office Hours: By appointment

Gina Panasik

Panasik@email.unc.edu

Office Hours: By appointment

Lecture Textbook:

Anatomy & Physiology, by Marieb and Hoehn, 4th edition (ISBN 9780321727664). This is a new edition and is available at the student stores as a package which includes an e-book version of the textbook. I will be taking advantage of the value-added nature of this package by annotating the ebook with specific notations.

Lab Manual: For lab, you will need the lab manual “Human Anatomy Lab Manual,” by Johnson (our own Dr. Corey Johnson). It is available as a PDF manual on your lab section’s Blackboard site. *Practice Anatomy Lab* is an anatomy software package that can be purchased on line at www.practiceanatomylab.com. While not required, it is recommended.

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Philosophy of grading and testing

This will be a difficult and challenging course that hopefully will be as much fun for you as it is for me. The tests will be based on textbook readings as well as lecture material. Most questions will come from the lecture material but some may come from text material that has not been included in lecture. An 'A' in this course is indicative of mastery of the material covered.

Grading policy and other information:

Course information will be posted on Blackboard (<http://blackboard.unc.edu>). Grades will be posted to student central as soon as they are available after exams. Your grade for this course will be determined by 4 lecture exams and lab as follows:

Exams (80%): 4 exams will be given and each will comprise 20% of your final grade. The Final exam will be cumulative. An unexcused absence from an exam gets a zero. For an excused absence, the remaining lecture grades will be used to determine your missing grade. If you miss an exam, contact me ASAP. **I will not be dropping your lowest grade.**

Lab (20%): The required lab comprises 25% of your final grade. There is no separate grade for lab. This will work in your favor, since lab grades are typically higher than lecture exam grades. Your TA will explain the details of lab grading.

Grading scale: My grading curve tends to be close to a 10-point (percentage) scale. The actual cutoffs will be determined by the total points you accumulate out of a total of 500 possible points.

Copyright Information: All materials used in this course including notes and tests are covered by copyrights and the University's Copyright Policy, which can be found @ <http://www.unc.edu/campus/policies/copyright%20policy%2000008319.pdf>

"STUDENT WORKS THAT CONSTITUTE NOTES OF CLASSROOM AND LABORATORY LECTURES AND EXERCISES SHALL NOT BE USED FOR COMMERCIAL PURPOSES BY THE STUDENT GENERATING SUCH NOTES."