

## Human Anatomy & Physiology - BIOL 251 - Summer 2012 Course Syllabus

<u>Date</u>	<u>Lecture Topic</u>	<u>Test</u>	<u>Readings</u>
May	29		Intro., Organization 1
			Chemistry 2
			Skull 7
	30		Chemistry 2
			Cell 3
			Vertebrae & Ribs 7
June	31		Cell 3
			Tissues 4
			Upper limb & girdle 7
	5		Tissue 4
			Integument 5
			Lower limb & girdle 7
	6		Joints 8
			Bone Tissue 6
	7		Bone Tissue 6
	12		Muscles 10
			<b>Bone Test</b>
	13		Muscle Tissue 9
			Muscles 10
	14		Muscle Tissue 9
			Muscles 10
	19		Membrane & Action Potentials 9, 11
			Muscles 10
	20		Nervous System 11
	21		CNS 12
	26		CNS 12
			Peripheral Nervous System 13
	27		PNS 13
			Autonomic NS 14
	28		Special Senses 15

July 3 Special Senses

15

5

**Test 5**

\* Schedule subject to change

## HUMAN ANATOMY AND PHYSIOLOGY - BIOL 251 -Summer 2012

In this two semester course, of which BIOL 251 is the first semester, we will be studying anatomy (structure) and physiology (function) of the human organism. Our approach will be an integrated one, organized by organ systems, in which the anatomy and physiology of each system will be presented together.

**Please read the rest of this page. It outlines course requirements and procedures. These procedures will be strictly adhered to, and every student is expected to be familiar with them.**

The required textbook for the course is Human Anatomy and Physiology (8th edition), by Elaine N. Marieb and Katja Hoehn. Students will also find very useful study guides and workbooks (even coloring books!) in the University Bookstore. Those taking the laboratory (Biol 251L) will need a laboratory manual. (Specific laboratory requirements will be explained at the first meeting of the laboratory . Each student taking the course is **required** to have taken one semester of introductory biology and a full year of chemistry (8 h) ( CHEM 123-124 or CHEM 101-102) or have permission from the instructor.

The course grade will be determined by your performance on 5 exams a bone test and a muscle test. Each exam will cover the material since the previous exam.

5 Exams	80%
Bone/Muscle Tests	20%

Makeup exams will be offered for students with legitimate, documented excuses (e.g., a note from a doctor verifying an illness). If for some reason, you become aware in advance that you will be absent during a scheduled exam, bring it to the attention of the instructor before the exam. Makeup exams may be largely essay questions and will be arranged individually.

### **Attendance is mandatory.**

"By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal. To read the full Student Academic Conduct Policy, consult the UMBC Student Handbook, the Faculty Handbook, or the UMBC Policies section of the UMBC Directory . . ."  
(<http://www.umbc.edu/provost/integrity/faculty.html>)

Teaching Assistants are available for help with both lecture and laboratory material.

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