

**Course Syllabus
BIO 341
Human Biology
4 Credit Hours
FALL 2007**

Location: LDB 220

Time: MWF 8:00 – 8:50

Professor: Dr. Everett D. Wilson

Office: LDB 107

Phone: (936) 294-1555

E-mail: bio_edw@shsu.edu

Office Hours: MWF 9-11 am

Course Description:

- Biology 341 is a course in human anatomy and physiology in the context of Human Biology. Lecture deals almost exclusively with the anatomy (structure) and physiology (function) of the human body, with topics ranging from the cellular level to the organ systems level. Additional topics include human ecology and evolution
- Laboratories use human, sheep, and pig examples to demonstrate primarily gross anatomy of the systems under study.
- Laboratory and lecture will be integrated to support each other, with the lecture dealing more heavily with physiology and the laboratory being mostly anatomy.

Course Objectives:

- The goal of this course is to provide a working knowledge of anatomical and physiology concepts in relation to the human body, and to put this in relationship of the human body's function in the context of its environment.
- The student should be able to name structures on the human body from the level of tissues to gross anatomical structures
- The student should gain competency in laboratory techniques and dissections as they apply to the study of anatomy and physiology
- Students will learn about humans in an evolutionary context

Required Textbook: *Human Biology 4th edition*, by Michael Johnson. Benjamin Cummings Publishers. 2008).

Laboratory Manual: To be determined

Required Supplies: Dissecting kit

Optional Materials: Lab apron or lab jacket.

Attendance Policy: In accordance with University policy, I expect regular and punctual attendance of each of you. However, no points will be awarded or subtracted based on your attendance. Exam questions will be taken from material presented in lecture and from material in the text. Some of the lecture material might not be found in the text. The textbook will also help you with spelling, visualization, clarification, and review of what we do in lecture. In other words, the textbook can help you prepare for and understand topics covered in lecture, **but the lecture information is crucial for complete test preparation.**

Assignments: Students should read material that coincides with lecture before each lecture.

Exams: There will be four exams during the semester. Lecture exams will be one hour long and may be a combination of matching, fill-in-the-blank, short answer, and essay. Exams will be given during the designated lecture time-slot (see accompanying schedule). Each exam will be worth 100 points. Lecture exams will be 50 minute exams, no extra time will be given except in the case of documented disabilities. A comprehensive final exam will be given during the regularly scheduled exam period. **There will be no individual extra credit.**

Laboratory Exams: Laboratory exams will be practicals in which you must correctly identify anatomical features or structures. These exams will consist of you writing a correct name on an answer sheet. The answers will come from your memory and will not be multiple choice or matching.

Dissection: You will be graded on dissections and their being correctly labeled. Instructions will be given prior to lab.

Make-Up Policy: There are no scheduled make-ups for assigned laboratories or laboratory exams. Excused absences will be dealt with on an individual basis. Make-up lecture exams will be given **only** to those with **excused** absences. Any exams missed because of unexcused absences will result in a grade of zero for that exam. Excused absences include medical problems (with documentation from a doctor); death in the family; excused absences while conducting official Sam Houston State University business; or absences approved by the instructor **before** the time of the absence.

Grading: Hourly exams will be 50% of semester grades, and the final and lab will each represent 25% of the semester grade. The instructor reserves the right to create a curve

(or not) for each test. That is, points may be added to all students equally if the instructor deems it necessary. Points will never be taken away due to a superb class performance.

Academic Dishonesty: All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.

Classroom Rules of Conduct: Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. **Cellular telephones and pagers must be turned off before class begins.** Students are prohibited from eating in class, using tobacco products, making offensive remarks, reading newspapers, sleeping, talking at inappropriate times, wearing inappropriate clothing, or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a directive to leave class. Students who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy.

Visitors in the Classroom: Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If the visitor is not a registered student, it is at the instructor's discretion whether or not the visitor will be allowed to remain in the classroom.

Americans with Disabilities Act: It is the policy of Sam Houston State University that no otherwise qualified disabled individual shall, solely by reason of his/her handicap, be excluded from the participation in, be denied the benefits of, or be subject to discrimination under any academic or Student Life program of activity. Disabled students may request assistance with academically related problems stemming from individual disabilities by contacting the Director of Counseling Center in the Lee Drain Annex or by calling (936) 264-1720. Students who have disabilities that may prevent them from fully demonstrating their abilities should contact the instructor as soon as possible to discuss accommodations necessary to ensure the students educational opportunity. All disclosures of disabilities will be kept strictly confidential. NOTE: no accommodation can be made until you register with the Counseling Center.

Religious Holidays: Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete

an assignment from which the student is excused within a reasonable time after the absence.

University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). This request must be made in the first fifteen days of the semester or the first seven days of a summer session in which the absence(s) will occur. The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed.

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TENTATIVE LECTURE SCHEDULE

DATE	LECTURE	CHAPTER
Aug 20	Introduction	1
22	Basic Chemistry	2
24	Basic Chemistry	2
27	Human Cytology	3
29	Human Cytology	3
31	Histology (tissues)	4
Sept. 03	LABOR DAY	
05	Histology (tissues)	4
07	Integumentary System	4
10	EXAM I	
12	Skeletal System	5
14	Muscle and muscle tissue	6
17	Muscle and muscle tissue	6
19	Nerve Tissue	11
21	Nerve Tissue	11
24	Central nervous System	12
26	EXAM II	
28	Peripheral Nervous System	11
Oct. 01	Autonomic Nervous System	12
03	Endocrine System	13
05	Endocrine System	13
08	Endocrine System	13
10	Blood	7
12	Blood	7
15	Heart	8
17	EXAM III	
19	Cardio Vascular System	8
22	Lymphatic System	9
24	Immune System	9
26	Respiratory System	10
29	Digestive System	14
31	Digestive System	14
Nov. 02	Digestive System	14
05	Metabolism	14
07	Metabolism	14
09	Urinary System	15
12	Urinary System	15
14	EXAM IV	
16	Body Fluids	15
19	Reproductive System (male)	16
Nov. 21-23	Thanksgiving Holiday	

	26	Reproductive System (male)	16
	28	Reproductive System (female)	16
	30	Reproductive System (female)	16
Dec.	03	Reproductive System	16
	05	Embryology – Cell Reproduction	17
	07	Last Class Day – Final Exam Study Day	
Dec. 10-13		FINAL EXAM DAYS	