



Course Description: Introductory exploration of the basic physiology of the human body and the principles fundamental to normal and pathological functioning. Designed for students majoring in nursing, pre-pharmacy, sport administration, sports medicine, allied health fields, or psychology. Students majoring in other areas must have special permission of the instructor. Lecture format. This course does not meet any requirements for the major (in biology or environmental science).

Prerequisite: BIOL 217 with a grade of C- or better

Course Credits: 4

Course Objectives: The primary objective of this course is to develop a firm understanding of human function. Organ systems will be studied separately then integrated into a broader perspective upon human health and disease processes. Specific goals:

Content:

1. Understand the process of homeostasis.
2. Describe how form determines function in the major organ systems.
3. Discuss in detail the normal function of the major organ systems.

Skills:

1. Discriminate scientific and non-scientific thinking.
2. Be able to read scientific literature and identify the major ideas.
3. Develop critical thinking skills and apply functional material to novel situations.

Contact Information:

Office: Propst Hall 119

Phone: 726-4190

Lab: Propst Hall 116

Email: rahatawa@samford.edu

Office Hours: By appointment

Required Text and Materials:

Anatomy and Physiology, An Integrative Approach. McGraw-Hill, 2013. With Connect Plus

When Purchasing Book You have two options:

1. Buy Connect Plus which includes the ebook
2. Buy Connect Plus which includes the ebook as a package with a hard copy of the text

Special Notice: This is a fully online section of BIOL 218 - Human Physiology for Allied Health Sciences. This course, taught in JanTerm, will be an **accelerated** course that will require at least 5 hours a day devoted to it. Due to the method of delivery, pace and time frame for this course, it is best suited to students who have been previously exposed to the material and/or have a record of proven success with self-directed study.

General description: This course emphasizes the integration of human structure and function. Although a fundamental course, it presupposes a basic knowledge of human anatomy and general chemistry. The course is designed primarily for students in health-related majors and will focus upon the principles of normal and abnormal function and the systematic application of these principles.

Flow of the Course: For each chapter, you will be required to read sections of the text. There will then be brief lectures (less than 20 minutes) put online for you to watch. After reading and listening to the lectures, there will be an online homework assignment for you to practice what you have learned and then a Quiz to test this knowledge. You will be required to do all four of these: Read, Listen, Practice, and then be accessed. Upon completion of all of these for each of the chapters in section there will be a test over all of the chapters in that section. All of this will be accomplished through Moodle and McGraw-Hill Connect. If you need help, are feeling lost or overwhelmed, please contact me as early as possible.

Course Topic Outline: The lecture schedule may be modified as needed.

Dates	Topic
Thursday January 2 - Tuesday January 7	Chapters 1,2,3,4,6,7,10 You must have completed readings, LearnSmart practice Questions and Chapter Quizzes Prior to the Exam Wed January 8: Exam 1
Thursday January 9 - Tuesday January 14	Chapters 12,13,14,15,17 You must have completed readings, LearnSmart practice Questions and Chapter Quizzes Prior to the Exam Wed January 15: Exam 2
Thursday January 16 - Thursday January 23	Chapters 18,19,20,21,22,25,28 You must have completed readings, LearnSmart practice Questions and Chapter Quizzes Prior to the Exam Fri January 24: Exam 3

Course Evaluation:

	Source Material	Point s/lte m	Total Point s				
Exams	Exams will cover material from the text and lectures	100	300				
Quizzes	Quizzes for each chapter (19 total) will be completed after readings, watching lectures, and practicing using the LearnSmart module.	5	95				
Discussion Boards	Participation in the discussion boards on Moodle	5	5				
Total grade is equal to percentage of points earned out of a total of 400 possible points.							
Grades are calculated based on the following percentages:							
A	93.5 – 100%	B	83.5-87.4%	C	73.5-77.4%	D	66.0-67.4%
A-	90.0-93.4%	B-	80.0-83.4%	C-	70.0-73.4%	D-	60.0-65.9 %
B+	87.5-89.9%	C+	77.5-79.9%	D+	67.5-69.9%	F	59.9% or less

Course Policies:

Academic Integrity

- “The University Statement on Academic Dishonesty is as follows: students, upon enrollment, enter into a voluntary association with Samford University. They must be willing to observe high standards of intellectual integrity, respect knowledge, and practice academic honesty. Those who cheat on an examination or class assignment are not only academically dishonest, but also are deficient in the scholarly maturity necessary for college study. Those who engage in academic dishonesty are subject to severe punishment. The more dependent, the more inevitable becomes ultimate failure, often accompanied by public disgrace. Any act to obtain an unfair academic advantage is considered dishonest.”
- If I determine that plagiarism or cheating on an exam has occurred, I retain the right to handle it at my discretion up to and including failing you for the exam or course, regardless of your grades on any other assignment, along with any other university penalties that may be levied.
- Further Definitions and penalties can be viewed in the Student Handbook.

Accommodation

- Samford University complies with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act. If you are registered with Disability Support Services and have your accommodation letter, please make an appointment with me as soon as possible to discuss accommodations that may be necessary. If you have a disability but have not contacted Disability Support Services, please call 205-726-2980/4078 or visit DSS located within Career Development, Room 205 of the University Center.

Attendance, Preparation and Participation

- As this is an accelerated and online section of BIOL 218 you will be responsible for independently preparing for and completing all assignments. Exams will be given asynchronously but within a 24 hour time frame. Make up exams will only be administered in the event of an excusable absence.

Deadlines

- Turn assignments in on time for full credit. Late work will be penalized 10% / 24 hr period. If you know that you will have a problem completing an assignment on time, contact me prior to the deadline.

Adjustment to Schedule

- Any events beyond the control of the University that might cause limited access to the online course may result in adjustments to the calendar.

I reserve the right to make changes to this syllabus as needed.