

The course syllabus and schedule provides a general plan for the course; deviations may be necessary.

BIOL 2652 Human Anatomy and Physiology II

Fall Semester 2019

Biology Department, College of Science and Math
Valdosta State University

Instructor: Dr. Adam Safer

Office: BC 1211

Office Hours: Wednesday and Thursday 1:00-2:00pm or by appointment.

Phone: 229.333.6001 (*please email first*)

E-mail: absafer@valdosta.edu

Email is my preferred method of communication. Please allow 24 hours for me to respond.

Lectures: Sections D and E; Tuesday and Thursday 11:00am– 12:15pm BC 1024

Labs: Section D; Thursday 4:00pm – 5:50pm BC 1203

Section E; Friday 9:00am – 10:50am BC 1203

You will need a dissection kit that can be purchased at the VSU bookstore.

Text: Principles of Anatomy and Physiology, 13th, 14th or 15th edition, by G. J. Tortora & B. Derrickson, John Wiley & Sons.

Lab Manual: (*Optional hard copy*) Laboratory Manual for Human Anatomy and Physiology, 3rd ed., Smith and Loughry, Burgess Publishing.

The lab manual is available free online at:

<https://blog.valdosta.edu/ap2/>

Course Description: BIOL 2652. Human Anatomy and Physiology II. 4 Hours.

Prerequisite: [BIOL 2651](#). A continuation of human anatomy and general physiological principles with emphasis on endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems; and development.

Course Goals and Learning Outcomes:

1. To learn and develop a working knowledge of anatomic terminology.
2. To understand the basic organization (i.e. anatomy) of the human body.
3. To learn chemical and physiologic principles as they apply to the human body.
4. To learn the structure and function of endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems of the human body at the chemical, cellular, tissue, and gross levels as well as the basic principles of development.

This course is associated with the following VSU educational outcomes:

VSU Biology Department outcomes 1, 3, and 4

University general outcomes 3, 4, 5, and 7

Attendance: Be on time for class and lab. You are expected to attend all lecture and lab sessions. To get the most from any course, you should attend all the scheduled classes and laboratory periods. The only way to really know what is going on in class is to show up. The undergraduate catalog states that a student, whether/online or face-to-face, a student who misses or does not participate in more than 20% of the scheduled course or course activities could be subject to receiving a failing grade in the course. The full attendance/absence regulations are available in the online catalog at <http://catalog.valdosta.edu/undergraduate/academic-affairs/>

Academic Honesty: Plagiarism and cheating are considered forms of dishonesty and are violations of the university's policy on academic honesty. If you are caught plagiarizing or cheating you will receive a "0" for that test or assignment. As a result, academic and disciplinary action may be taken. Please take time to familiarize yourself with the academic honesty policy here at VSU. For more information visit <https://www.valdosta.edu/academics/academic-affairs/academic-honesty-at-vsua.php>

Disruptive Behavior: Please note that the following behaviors are considered disruptive:

1. Socializing during class - Students pay money to learn. Talking during presentations and lectures is not only disrespectful to fellow students and the instructor, but also considered disruptive behavior. This includes cell phone use and texting.
2. Disrupting class by noisily arriving late
3. Leaving before the end of class
4. Arguing or speaking to fellow students or the professor in a disrespectful manner
5. Sleeping
6. Noisily eating or opening packages of food

For more information please refer to the Student Code of Conduct at

<https://www.valdosta.edu/administration/student-affairs/student-conduct-office/student-handbook.php>

Students with Disabilities: Students with disabilities who are experiencing barriers in this course may contact the Access Office for assistance in determining and implementing reasonable accommodations. The access Office is located in Farbar Hall. The phone numbers are 229-245-2498 (V), 229-375-5871. For more information, please visit [VSU's Access Office](#) or email: access@valdosta.edu.

Title IX Statement: Valdosta State University (VSU) is committed to creating a diverse and inclusive work and learning environment free from discrimination and harassment. VSU is dedicated to creating an environment where all campus community members feel valued, respected, and included. Valdosta State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, disability, genetic information, or veteran status, in the University's programs and activities as required by applicable laws and regulations such as Title IX. The individual designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator: the Director of the Office of Social Equity, titleix@valdosta.edu, 1208 N. Patterson St., Valdosta State University, Valdosta, Georgia 31698, 229-333-5463.

Extra Help with Coursework The Academic Support Center (ASC): The Academic Support Center (ASC) provides free peer tutoring in core curriculum courses, including, math, writing, sciences, social sciences, humanities, and foreign languages. The ASC also provides supplemental instruction (tutor-led study group sessions) for historically difficult courses like biology, chemistry, geosciences, psychology and sociology, as well as academic success workshops. New for fall 2018: 24/7 access to online tutoring through ThinkingStorm, which includes Writing Center where you can submit drafts for feedback and get help with core courses when the ASC is closed. Visit the ASC office on the main campus, located on the 2nd floor of Odum Library, or call 229-333-7570 for an appointment, or visit the website where you can make appointment for yourself (www.valdosta.edu/asc).

GRADING SCHEME

Grades will be based on the following:

Exams

500 points

There will be 5 in-class exams during the semester worth 100 points each, totaling 500 points.

Exams may include multiple choice, short answer, true-false, matching or essay questions.

In the event you miss an exam, you must notify me before 12:00pm noon the next day. If you fail to do so, you will not be able to make the exam up. Make-up exams are given only under extreme circumstances and solely at my discretion for valid excuses. You may only make-up one exam during the semester.

Quizzes and other assignments

50 points

Throughout the semester there will be quizzes and other assignments. Quizzes may or may not be announced. Some assignments/quizzes may be online; others might be given during lecture or lab periods.

There are no make-up quizzes and assignments.

Laboratory

225 points

There will be 3 lab practicals worth 75 points each, totaling 225 points.

There are makeup lab practicals.

Comprehensive Final Lecture Exam

100 points

The final will include material from the entire semester. I will replace your lowest test score with the score on the final, if your final score is higher.

Total Points for the course 875

Final Grades

- A 786-875 points (90% - 100%)
- B 700-785 points (80% - 89%)
- C 613-699 points (70% - 79%)
- D 525-612 points (60% - 69%)
- F Below 525 points (below 60%)

Midterm: October 10, 2019. This is the last day to drop this course and receive a withdrawal grade (W).

Please note: according to federal law an individual's grades will not be released to anyone but that individual. Furthermore, I will not discuss grades over the phone or email. For more information refer to the Family Educational Rights and Privacy Act (FERPA) of 1974.

Tentative Lecture Schedule

Topic	Chapter
The Cardiovascular System: The Blood	19
The Cardiovascular System: The Heart	20
The Cardiovascular System: Blood Vessels and Hemodynamics	21
The Respiratory System	23
The Endocrine System	18
The Lymphatic and Immune Systems	22
The Digestive System	24
Fluid, Electrolyte, and Acid-Base Homeostasis	27
The Urinary System	26
The Reproductive Systems	28

Lecture Test Dates (Tentative Schedule)

Lecture Exam I (Chs 19 and 20) 09/10/2019
Lecture Exam II (Chs 21 and 23) 10/01/2019
Lecture Exam III (Chs 18 and 22) 10/22/2019
Lecture Exam IV (Chs 24 and 27) 11/12/2019
Lecture Exam V (Chs 26 and 28) 12/03/2019

Comprehensive Final Exam

12/11/2019

10:15am-12:15pm

Tentative Lab Schedule

Week of	Topic	Materials
1 August 22	<i>No labs this week</i>	
2 August 29	Cardio Physiology: Blood typing	Worksheet 1 (Blood)
3 September 5	Cardio Physiology: Pulse, BP, Vascular function.	Worksheet 2 (Heart Function)
4 September 12	Sheep Heart Dissection	Review list (Heart)
5 September 19	Fetal pig blood vessels	Review list (Anterior vessels)
6 September 26	Fetal pig blood vessels	Review list (Posterior vessels)
7 October 3	Fetal pig blood vessels	
8 October 10	LAB PRACTICAL 1	
9 October 17	Fetal pig digestive/immune systems	Worksheet 3 (Digestion) Worksheet 4 (Fermentation) Review list (Digestive sys)
10 October 24	Fetal pig respiratory system	Review list (Respiratory sys)
11 October 31	LAB PRACTICAL 2	
12 November 7	Fetal pig urinary and reproductive system	Review list (Urinary sys)
13 Nov. 14	Fetal pig urinary and reproductive systems	Review list (Reproductive sys)
14 Nov. 21	LAB PRACTICAL 3	
15 Nov. 28	<i>Thanksgiving break - No labs</i>	
16 December 5	<i>No labs this week</i>	

SOI Statement: At the end of the term, all students will be expected to complete an online Student Opinion of Instruction survey (SOI) that will be available through SmartEvals. Students will receive an email notification through their VSU email address when the SOI is available (generally at least one week before the end of the term). SOI responses are anonymous to instructors/administrators, and they will be able to access results only after they have submitted final grades. Before final grade submission, instructors will not be able to see any responses, but they can see the percentage of students who have or have not completed their SOIs. While instructors will not be able to see student names, an automated system will send a reminder email to those who have yet to complete their SOIs. Students who withdraw or drop a course will also be sent invitations to complete the Dropped Course Survey. Complete information about the SOIs, including how to access the survey, is available on the [SOI Procedures webpage](#).