

Biology 1050 Human Biology
Spring Semester 2023
Biology Department, College of Arts and Sciences
Valdosta State University

Instructor: Dr. Teresa H. Doscher

Office: Science Building 1098

Office Hours: Tuesday 2 – 3:30 pm or by appointment

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Midterm (withdrawal deadline): March 9, 2023. This is the last day to drop this course and receive a withdrawal grade (W).

Credit Hours: 3

Lecture Hours: Section A TR 11:00am - 12:15pm BC 1202

Course Description:

Bio 1050 Human Biology

An introduction to the processes underlying the interactions of humans and the natural world. The topics to be covered include: physiological processes and their relationship to diseases; human genetics and biotechnology; the evolutionary basis of human structure and behavior, and the impact of humans on natural communities.

Course Objectives: This course is designed to satisfy Area D: Natural Science, Mathematics, and Technology. Students will have a better understanding of the human biology and the impact of humans in the biosphere. Students will also learn about the human body and diseases or disorders related to the human body. Educational outcomes associated with this course include nos. 2, 3, 4 and 5 as specified by the VSU Biology Department and nos. 3, 4, 5, and 7 of the general outcomes specified by the University.

Learning Goal: Students will demonstrate understanding of the physical universe and the nature of science, and they will use scientific methods and/or mathematical reasoning and concepts to solve problems.

Materials:

Textbook and online materials: Human Biology, Mader, 17th edition. Publisher – McGraw Hill. Go to the Human Biology Course in Blazeview and follow the instructions under Content to connect to McGraw Hill Connect.

COVID and Other Illness Procedure

As the Blazer Creed articulates, members of the VSU community are expected to live by the high standards of civility, integrity, and citizenship and embrace their responsibility as a member of the Blazer community. Unvaccinated individuals are strongly encouraged to get vaccinated. Vaccines remain available at no cost for all members of the university community by appointment at Student Health Services. For COVID Vaccines, please call ahead for an appointment at 229-333-5886.

If you suspect you are positive for COVID you can get tested for FREE at the Student Health Center. If you are told to quarantine due to COVID, I will try to work with you the best I can, BUT you will have to do your part to COMMUNICATE with me, study on your own and complete assignments during your quarantine. This is not a free pass to miss class. You are still responsible for learning the material covered in the course during your absence.

If you are COVID positive or have any other medical issue that prevents you from attending class, you should immediately report to the Dean of Students so they can send out a notification to your professors. Lectures will not be recorded but the powerpoints will be made available to you. It will be up to you to study the powerpoints and read the text to prepare for tests and complete any assignments if applicable.

Students who are quarantined will be dealt with on an individual basis so it is very important to communicate with me to make up your missed assignments and make sure you don't get behind.

Cheating and Plagiarism: Academic integrity is the responsibility of all VSU faculty and students. Faculty members should promote academic integrity by including clear instruction on the components of academic integrity and clearly defining the penalties for cheating and plagiarism in their course syllabi. Students are responsible for knowing and abiding by the Academic Integrity Policy as set forth in the Student Code of Conduct and the faculty members' syllabi. All students are expected to do their own work and to uphold a high standard of academic ethics. A student caught cheating on a test or assignment will receive a grade of zero and may receive a failing grade (F) in the course.

Disruptive Behavior: The academic community is under a strong obligation to protect the campus community from disorderly, disruptive, or obstructive actions which interfere with academic pursuits of teaching, learning and other campus activities. Therefore, any disruptive behavior in class that interferes with the teaching of the course or disturbs other students or faculty will not be tolerated.

Any student that disrupts the class will be removed from the class and possibly dropped from the course. This student will also forfeit any points toward his or her grade from that day. Refer to the Undergraduate Catalog for more information.

Family Educational Rights and Privacy Act of 1974: It is illegal to release personal information about an individual to others. **Grades, averages, and other information will not be released to anyone but that individual; therefore, no grades will be posted or given out over the phone or email. All grades will be posted on Blazeview.**

Non-Discrimination and Title IX Statement

Valdosta State University (VSU) upholds all applicable laws and policies regarding discrimination on the basis of race, color, sex (including sexual harassment and pregnancy), sexual orientation, gender identity or expression, national origin, religion, age, veteran status, political affiliation, or disability. The University prohibits specific forms of behavior that violate Title IX of the Education Amendments of 1972. Title IX of the Education Amendments of 1972 prohibits discrimination on the basis of sex in education programs and activities that receive federal funding. VSU considers sex discrimination in any form to be a serious offense. Title IX refers to all forms of sex discrimination committed against others, including but not limited to: sexual harassment, sexual assault, sexual misconduct, and sexual violence by other employees, students or third parties and gender inequity or unfair treatment based on an individual's sex/gender. The designated Title IX Coordinator for VSU is Mr. Darius Thomas. To view the full policy or to report an incident visit: <https://www.valdosta.edu/administration/student-affairs/title-ix/>

Accommodations Statement:

Students with disabilities who are experiencing barriers in this course may contact the Access Office <https://www.valdosta.edu/student/disability/> for assistance in determining and implementing reasonable accommodations. The Access Office is located in University Center Room 4136 Entrance 5. 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. To request reasonable accommodations for pregnancy and childbirth, contact Christina Kidd, Student Conduct Coordinator at chkidd@valdosta.edu. Please note, you will be required to provide documentation from an appropriately licensed medical professional indicating the requested accommodations are medically necessary.

Extra Help with Coursework

The Academic Support Center (ASC) offers all VSU students free peer tutoring in core curriculum courses, including math, writing (any subject), chemistry, biology, foreign languages and more. Please bring your assignments, textbooks, and homework to tutoring sessions. Also available are free, one-hour seminars for help with study skills, time management, and a variety of other topics. Visit our office on the main campus, located in Langdale Residence Hall, or call 229-333-7570 for an appointment, or visit the website where you can make appointment for yourself (www.valdosta.edu/asc).

COURSE POLICIES

Lecture

Attendance: You are expected to attend all lectures. If you miss a lecture, you are responsible for obtaining the notes and any handouts that may be given that day. As per University policy; a student who misses more than 20% of the scheduled classes of a course will be subject to receiving a failing grade in the course. You will receive bonus points at the end of the semester based on your attendance. If any student signs the attendance sheet for another student who is absent, this is considered cheating and will be dealt with accordingly. Coming into class late, leaving early or just coming to sign in and then leave will not be tolerated and you will receive a zero for the day.

Grading: Five (5) lecture exams will be given during the semester and an **optional cumulative final exam**. **If for whatever reason you miss an exam you will not be able to make it up – no make-up exams at all. The final exam will be optional and cumulative. This will be a great opportunity for you to drop your lowest test grade and replace it with a better grade. If you miss an exam you will have to take the final exam to replace the missed exam grade. If you miss more than one exam then you will only be able to replace one of the zeros with the final exam grade.**

You will also have homework assignments to complete on Connect. **I will not accept late assignments so pay close attention to the due dates.** All due dates will be posted on Connect and Blazeview. These are to assist you in your learning; **not as busy work.**

Tentative Lecture Outline

<u>Topic</u>	<u>Text Chapters</u>
Exploring Life and Science	1
Cell Structure and Function	3
Tissues, Organ Systems and Homeostasis	4
Biology of Infectious Disease	8
Cardiovascular System: Heart and Blood Vessels	5
Cardiovascular System: Blood	6
The Lymphatic and Immune Systems	7
Digestive System and Nutrition	9
Respiratory System	10
Urinary System	11
Skeletal System	12
Muscular System	13
Endocrine System	16
Nervous System	14
Senses	15
Reproductive System	17
Cancer	20

Lecture Exam Schedule - This is a tentative schedule subject to change.

Exam 1 - Thursday, January 26, 2023	Chapters 1, 3, 4 & 8
Exam 2 - Thursday, February 16, 2023	Chapters 5, 6 & 7
Exam 3 - Thursday, March 9, 2023	Chapters 9, 10 & 11
Exam 4 - Thursday, April 6, 2023	Chapters 12, 13 & 16
Exam 5 - Thursday, April 27, 2023	Chapters 14, 15, 17 & 20
Final Exam - Wednesday, May 3, 2023 10:15 am – 12:15 pm	Comprehensive

Final Grades for Human Biology

Lecture Grades	SmartBook Assignments	Tests
Ch 1: Exploring Life and Science	10	
Ch 3: Cell Structure and Function	10	
Ch 4: Tissues, Organ Systems and Homeostasis	10	
Ch 8: Biology of Infectious Disease	10	100
Ch 5: Cardiovascular System: Heart and Blood Vessels	10	
Ch 6: Cardiovascular System: Blood	10	
Ch. 7: The Lymphatic and Immune Systems	10	100
Ch 9: Digestive System and Nutrition	10	
Ch 10: Respiratory System	10	
Ch 11: Urinary System	10	100
Ch 12: Skeletal System	10	
Ch 13: Muscular System	10	
Ch 16: Endocrine System	10	100
Ch 14: Nervous System	10	
Ch 15: Senses	10	
Ch 17: Reproductive System	10	
Ch 20: Cancer	10	100
Final (optional & cumulative)		100 (replaces lowest)
Total	170	500

Other Grades	
Research Paper on Disease/Disorder	30
Bonus Points for Attendance	25
Total	30

Lecture Grades	670 points
Other Grades	30 points
TOTAL	700

Final Grades
A 630 - 700 points (90% - 100%)
B 560 - 629 points (80% - 90%)
C 490 - 559 points (70% - 80%)
D 420 - 489 points (60% - 70%)
F Below 420 points (below 60%)