

**Biol 103: Human Biology**  
**Spring 2023**  
**Tuesday & Thursday: 12:30 – 1:45 pm**  
**Newton 202**

<u>Instructor:</u>	Ms. Regina Clinton	Dr. Jani Lewis
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Office hours:	Tuesday 2:00-3:00 pm, Wednesday 11:00 am -12:00 pm, Thursday 9:30-10:30 pm, Other times by appointment	Other times by appointment

Course Description and Objectives:

Designed for non-majors. Principles of basic human functions are discussed and applied to prepare the student for making broad based value judgments. Practical questions of modern life are treated scientifically from a biological viewpoint. Counts for general education only if BIOL 104 is taken concurrently. Credits: 3(3-0)

At the end of their course, students will be able to:

1. Understand the basic chemistry of life
2. Understand the structure and function of cells and how they reproduce
3. Understand the relationship between evolution and human form and function.
4. List all the anatomical systems in the human body and their function(s).
5. List the components of each normal human system and explain their function(s).
6. Explain structural and functional abnormalities of each human.
7. Explain injuries to the human body.
8. Evaluate the unique status of each human.
9. Apply scientific information and critical thinking when making bioethical decisions.

Required Materials:

Two options for the material necessary for class are listed below.

**1. Cengage Unlimited**

ISBN 9780357700006 Price: \$155.99

This option includes the etext and 6-month access to Mindtap which is required for the course. It does not include any loose-leaf or hard copy of the text. However, you can rent a hardcopy of the text for \$9.99 for the semester and includes shipping both ways. This option is marked required but if you choose option #2 you do not have to purchase this option as well.

Or

**2. Human Biology (loose-leaf) with Mindtap Access.**

ISBN 9781305616660 Price: 193.93

This choice includes a loose-leaf copy of the text plus access for 6 months to Mindtap which is required for the course. If you are only taking one course that requires access to a Cengage product

AND you want a loose-leaf copy of the text this choice is probably your best bet. However, if you are taking a course in another class that is also using a Cengage text the first choice is probably a much better choice since it will give you access to other course texts offered by Cengage. It is prudent to check what other texts are required in your courses to see if the first option might work the best for you.

**IMPORTANT:** Please note that you need to have this by the beginning of the semester. If you are waiting for financial aid to come through you can sign up for an initial 14-day trial so you can take the online quizzes and do the tutorials. Once you receive your access code, you should be able to enter it and seamlessly continue to receive credit for your work done via Mindtap.

**\*\*Access MindTap via the link in your Canvas course. Otherwise, the course will not be linked to your subscription. The link is in the first module within the Canvas course homepage.\*\***

### **Cengage Regional Office hours for eText or MindTap help/troubleshooting**

January 5th through February 10th

1 PM to 3 PM Monday through Friday

Zoom Link: [https://info.cengage.com/OfficeHours\\_Northeast-Jennings](https://info.cengage.com/OfficeHours_Northeast-Jennings)

### Lecture notes

We will *try* to post the lecture notes on Canvas 1-day prior to class. You are welcome and even encouraged to download these and bring them to class.

### Assignments:

Topics will be covered as listed in the course outline. Within each module on Canvas there are links for the reading assignments, graded assignments, case studies and some helpful videos that will be covered in the class. Please make sure to review these weekly. The reading assignments should be started before the topic is covered in lecture. Before coming to class, skim through the chapter and become familiar with the major themes and vocabulary. Careful examination of the figures will also make the lecture material more meaningful for you. After class, the chapter should be carefully re-read. Material from the lectures, readings and case studies will be tested on the exams.

### **MindTap Assignments**

There are pre learning and post learning assessments for each chapter. These are linked within each chapter module.

- Pre learning assessments will always be due on either a Tuesday or a Thursday, before the scheduled lecture.
- Post learning assessments will always be due on a Sunday at 11:59 pm, before the Exam.

Due dates are listed in the links. You will be able to view the correct answers after the respective due date. **Because three pre learning and 3 post learning assessments are dropped, we will NOT re-open any assessments for missed due dates, illness or other issues.** Use these drops wisely! Contact us immediately if you have extenuating circumstances. Forgetting a due date is NOT an extenuating circumstance.

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## Grading\*

**ALL EXAMS WILL BE GIVEN ONLINE**

**Exams\*\*** – 60% of grade

Test 1: Chapters 1, 2, 3

Test 2: Chapters 5, 6, 7, 8

Test 3: Chapters 13, 9, 10

Test 4: Chapters 12, 15, 16, 25

\*\*\*MindTap pre learning assessments – 20% of grade

\*\*\*MindTap post learning assessments – 20% of grade

\*No extra credit assignments are available.

**\*\* The course is designed to provide flexibility to the student. We give you a 48-hour window to complete the exams. We will not re-open or extend exams, unless there are *verifiable*, extenuating circumstances.**

**\*\*\*3 pre learning *and* 3 post learning MindTap assessments are dropped.**

Grades will be assigned according to the following scale:

A 92.5-100%	B+ 86.5-89.49	C+ 76.5-79.49	D 59.5-69.49	E <59.5
A- 89.5- 92.49	B 82.5-86.49	C 72.5-76.49		
	B- 79.5-82.49	C- 69.5-72.49		

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### Class etiquette:

We realize some of you might be using your cell phones during class to answer questions, however, PLEASE turn your ringers off during class. If there is a reason you need it to be turned on to ring (awaiting an emergency call from parents or child) please let us know before class begins and there will be no problems with letting your cell phone ring during class. We appreciate your cooperation in this matter as cell phone usage during class has become an increasing disturbance in recent years.

We also expect that if you bring your computer to class you will be using it for the purpose of following along in class and/or taking notes. Many students use their computers for checking email/playing games and/or surfing the web during class. This can be very distracting to the individual and to the people around that individual. We expect the courtesy of not performing such tasks during the 75 minutes that class is in session. If you wish to do any of these things (checking email/playing games and/or surfing the web) during the time class is scheduled please do not come to class. We reserve the right to dismiss individuals who we find using their computers during class for unrelated class activities.

### Accommodations:

SUNY Geneseo is dedicated to providing an equitable and inclusive educational experience for all students. The Office of Accessibility will coordinate reasonable accommodations for persons with disabilities to ensure equal access to academic programs, activities, and services at Geneseo. Requests for accommodations including letters or review of existing accommodations should be directed to Dr. Amy Fisk in the Office of Accessibility Services in Erwin Hall 22 or [access@geneseo.edu](mailto:access@geneseo.edu) or (585) 245-5112. Students with letters of accommodation should submit their letter to each faculty member and discuss their needs as soon as possible. Please contact the Office of Accessibility Services for questions related to access and the [process for requesting academic accommodations](#):

- *Student responsibility:* Please submit your letter of accommodations to us at the beginning of the semester and make an appointment to discuss arrangements.
- *Instructor responsibility:* We are committed to working with you to figure out how to create a just learning environment while meeting the learning outcomes of the course. Unless you communicate otherwise, we will keep all accommodations confidential.

### Safeguarding your mental health:

Diminished mental health, including significant stress, mood changes, excessive worry, or problems with eating and/or sleeping can interfere with optimal academic performance. The source of symptoms might be strictly related to your course work; if so, please speak with us. However, problems with relationships, family worries, loss, or a personal struggle or crisis can also contribute to decreased academic performance.

SUNY Geneseo provides mental health services to support the academic success of students. Counseling Services, a part of the Lauderdale Center for Student Health & Counseling, offers free, confidential psychological services to help you manage personal challenges that may threaten your well-being.

In the event we suspect you need additional support, we will express our concerns and the reasons for them, and remind you of resources (e.g., Counseling Services, Career Services, Dean of Students, etc.) that might be helpful to you. It is not our intention to know the details of what might be bothering you, but simply to let you know we are concerned and that help, if needed, is available. Getting help is a smart and courageous thing to do -- for yourself /and /for those who care about you.

### Important dates to keep in mind

February 28	Diversity Summit
March 11-18	Spring break
April 26	Great day
May 3	Last day to withdraw from full semester courses
May 9	Last day of regularly scheduled Human Biology class
May 10	Last day to elect Pass/Fail
<b>May 18</b>	<b>Final Exam – 8:00 am – 10:30 am</b> <b>(Note this exam will only be open 2.5 hours)</b>

Spring 2023 Course Outline

	Date	Topic	Instructor
Jan	24	Introduction to the course and Chapter 1 – Learning about Human Biology	Clinton
	26	Chapter 1 – Learning about Human Biology continued. Chapter 2 – Chemistry of Life	Clinton
	31	Chapter 2 – Chemistry of Life continued	Clinton
Feb	2	Chapter 3 – Cells and How They Work	Clinton
	7	Chapter 3 – Cells and How They Work	Clinton
	9	Chapter 5 – The Skeletal System	Lewis
	14	Test #1 – Chapters 1, 2, 3 – ONLINE FORMAT Opens Tuesday, Feb.14 at 12:00 pm (noon), closes Feb. 16 at 12:00 pm (noon)	Clinton
	16	Chapter 6 – The Muscular System	Lewis
	21	Chapter 6 – The Muscular System - continued	Lewis
	23	Chapter 7 – Circulation, the Heart and Blood Vessels	Lewis
	28	Diversity summit	
March	2	Chapter 7 – Circulation, the Heart and Blood Vessels – continued	Lewis
	7	Chapter 8 – Blood – continued	Lewis
	9	Chapter 8 – Blood – continued	Lewis
	11-18	Spring Break	
	21	Chapter 13 – The Nervous System	Lewis
	23	Test #2 – Chapters 5, 6, 7, 8 – ONLINE FORMAT Opens Tuesday, March 23 at 12:00 pm (noon) and closes March 25 at 12:00 pm (noon)	Lewis
	28	Chapter 13 – The Nervous System - continued	Lewis
	30	Chapter 9 – Immunity and Disease	Lewis
April	4	Chapter 9 – Immunity and Disease - continued	Lewis
	6	Chapter 10 – Respiratory	Lewis
	11	Chapter 10 – Respiratory - continued	Lewis
	13	Chapter 12 – The Urinary System	Clinton
	18	Test #3 – Chapters 13, 9, 10 – ONLINE FORMAT Opens Thursday, April 18 at 12:00 pm (noon) and closes April 20 at 12:00 pm (noon).	Lewis
	20	Chapter 12 – The Urinary System – continued	Clinton
	25	Chapter 15 – The Endocrine System	Clinton
	27	Chapter 15 – The Endocrine System - continued	Clinton
May	2	Chapter 16 – The Reproductive System	Clinton
	4	Chapter 16 – The Reproductive System continued. Begin Chapter 25 The Human Impact on the Biosphere	Clinton
	9	Chapter 25 - The Human Impact on the Biosphere - continued	Clinton
	18	Test #4 - Chapters 12, 15, 16, 25 – ONLINE FORMAT <b>Opens Thursday, May 18 at 8:00 am and closes 10:30 am. **EXAM WILL ONLY BE OPEN AT THIS TIME!!!**</b>	Clinton