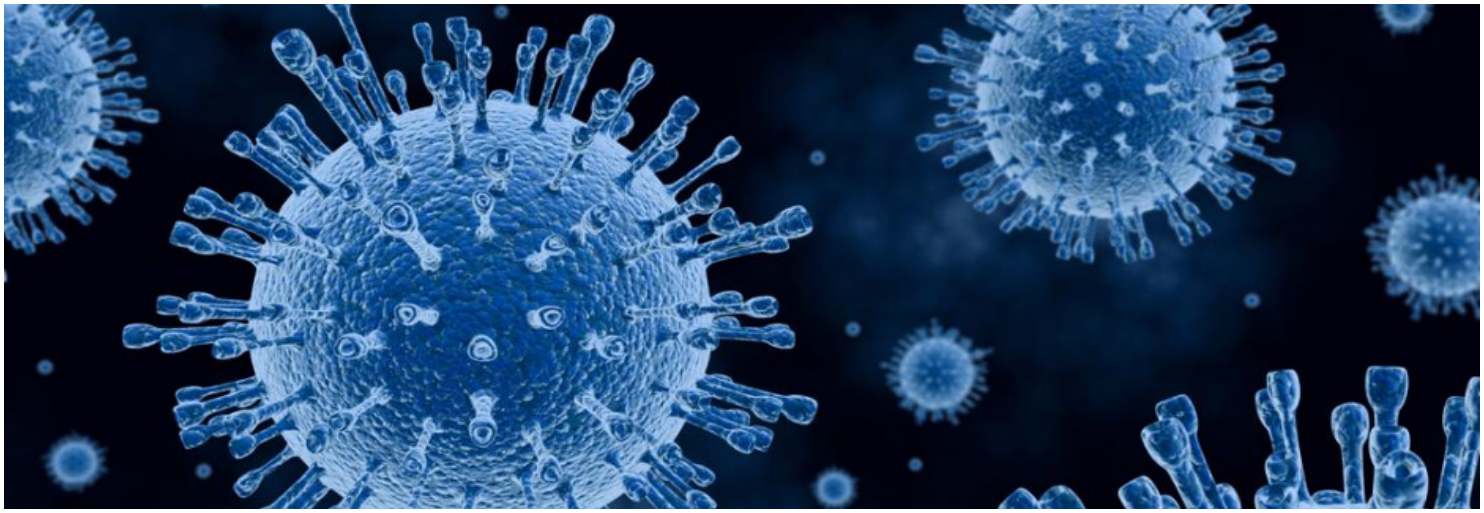


Hunter College
Principles of Biology II
Fall 2020 Course Syllabus

Course Information

Principles of Biology II

Course mode of instruction: FO – Fully online. 100% of scheduled class meetings are replaced with online activities or virtual meetings. All of the class work, including exams is online. Course materials will be found on the CUNY Learning Management System (LMS) which is Blackboard.

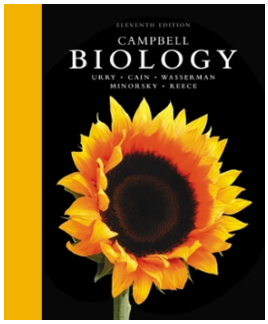
Tips for taking a fully online course

- Activate and use your Hunter email address to communicate with your professors and classmates.
- Download and print a copy of the course schedule/syllabus and note all important due dates in a calendar that you use frequently.
- Check your Blackboard course site daily.
- Keep track of due dates to better manage your time and priorities with what work needs to be done first.
- Set a study plan including time and place to do course work for the whole semester.
- Always read instructions carefully and follow them.
- Practice using any technology tools required for the class before assignments are due.
- Find a study partner or form a study group.
- **Expect to spend 9 hours - 12 hours per week on a fully online course.**
- Don't get behind on turning in assignments and reading assigned materials.

Contact Information

Course Lecturers: S. Sheppard-Lahiji, PhD & A. Lahiji, PhD
Course Lecturer Emails: Sheppard@genectr.hunter.cuny.edu & Lahiji@genectr.hunter.cuny.edu
Course Lecturer Office Hours:

Course Materials



Texts and course materials:

- Required – Campbell Biology textbook
- Suggested *version:* 11th edition (Custom for Principles of Biology at Hunter College) Jane B. Reece. ISBN-10: 1323623450 (ISBN-13: 9781323623459)
- Labster (no purchase is required to utilize this material)
- Primary Instructional technologies: Blackboard & Voicethread

Course Description

Prerequisites

- BIOL 100 or a course equivalent at a different institution
- Consistent access to an electronic device with a stable internet connection

Online organization

- Lectures are **asynchronous**. Asynchronous means that no live lectures will be held during the official lecture time of 8:10-9:25AM. The lectures will be provided as Voicethread videos that will be accessible at the start of each lecture week.
- Recitations are **synchronous**. Synchronous means that the recitations will run during their official times. You are responsible for attending your registered section. **Recitations are accessible through the master blackboard page.**
- Labs are **synchronous.** Synchronous means that the labs will run during their official times. You are responsible for attending your registered section. **Labs will meet through the lab instructor's blackboard page and not on the master page.**

Learning Outcomes

1. Students will be able to employ the scientific method to identify problems or questions, develop hypotheses, design experiments to test hypotheses, and reach conclusions.
2. Students will be able to explain how various physiological systems relate to each other.
3. Students will be able to apply foundational concepts in Biology to more complex topics such as immunology and cancer biology
4. Students will be able to analyze relevant biological literature in order to draw

conclusions and significance of the readings.
5. Students will be able to evaluate questions and/or data in order to display mastery of covered content

Course Calendar & Content

Some weeks have readings outside of the Pearson literature and that content will be provided through blackboard as downloadable files or as links.

Online Lecture Course Schedule

Week dates	Textbook Readings	Assessments & Learning Activities	Due Dates
Week 1* (Partial) 08/26-08/30	Getting Started	Getting started assessments	▪ All Week 1 assessments are due by 08/30 11:59 PM EST
Week 2 08/31-09/06	Chapter 19 **Viruses**		
Week 3 09/07-09/13	Chapter 43 (Part 1) **The Immune System**		
Week 4 09/14-09/20	Chapter 43 (Part 2) **The Immune System**		
Week 5 09/21-09/27	Chapter 11 **Cell Communication**	Blackboard Assessment 1	▪ Initial submission due by 09/24 11:59 PM EST ▪ Peer feedback due by 09/27 11:59 PM EST
Week 6 09/28-10/04	Chapter 45 **Hormones & The Endocrine System**		
Week 7 10/05-10/11	Chapter 20 **Biotechnology**		
Week 8 10/12-10/18		**Exam 1 (Weeks 2-6)**	**Synchronous Exam 1 10/13 8:10-9:25 AM**
Week 9 10/19-10/25	**Cancer Biology (Part 1)** (Pearson PDF)	Blackboard Assessment 2	▪ Initial submission due by 10/22 11:59 PM EST ▪ Peer feedback due by 10/25 11:59 PM EST
Week 10 10/26-11/01	**Cancer Biology (Part 2)** (Pearson PDF)		
Week 11 11/02-11/08	Chapter 42 (Part 1) **Circulation & Gas Exchange**		
Week 12 11/09 – 11/15	Chapter 42 (Part 2) **Circulation & Gas Exchange**	Blackboard Assessment 3	▪ Initial submission due by 11/12 11:59 PM EST ▪ Peer feedback due by 11/15 11:59 PM EST
Week 13 11/16 – 11/22	Chapter 44 **Osmoregulation & Excretion**		
Week 14 11/23 – 11/29		**Exam 2 (Weeks 7, 9-12)**	**Synchronous Exam 2 11/24 8:10-9:25 AM**

Week 15 11/30 -12/06	Chapter 46 **Animal Reproduction**	Blackboard Assessment 4	▪ Initial submission due by 12/03 11:59 PM EST ▪ Peer feedback due by 12/06 11:59 PM EST
Week 16 12/07 – 12/13	Chapter 48 **Neurons, Synapses and Signaling**		
Week 17 (Finals Week) 12/14 – 12/20		**Final Exam (New Material Weeks 13,15 & 16) (Cumulative Material Weeks 2-12)**	**Synchronous Final Exam 12/18 9:00 – 11:00 AM**

Students that have not officially joined the course by the due date for Week 1 assessments may complete content at a later date but must communicate directly with the instructor as soon as they register for the course.

Online Laboratory Course Schedule

We will be using Labster for lab related content during the Fall 2020 semester. Labster provides a virtual laboratory experience and will be used to reinforce or introduce topics covered in BIOL 102. **Your lab instructor is responsible for explaining the structure of the labs.**

Lab instructors will conduct class based on the simulations and should be used as a resource for questions related to the content. All lab instructors will use their section specific blackboard page in order to communicate with students and administer section-specific assessments. Additional details regarding lab organization will be provided through Blackboard once available.

Grading Method & Scale as a Percentage/Points

This course uses a 1000-point-based system

Exam 1	**=**	**15% / 150 points**
Exam 2	**=**	**15% / 150 points**
Final Exam	**=**	**30% / 300** (Cumulative 15% + New 15%)
Blackboard Assessments	**=**	**10% / 100 points** (25 points per assessment)
Lab Based Assessments	**=**	**30% / 300 points**

100% / 1000 points

Final Exam Information

Please note that if your 150 pt cumulative exam score is higher than your lowest lecture exam (1 or 2), the cumulative exam score will replace the lowest of those MCQ scores (and count twice). For instance, if you score a 120 on exam #1, a 100 on exam #2, and you earn 115 points on the cumulative portion of the final exam, we will

drop your score from exam #2 and count your 115 score twice. (+ your score from the non-cumulative portion of the final exam which cannot be dropped).

Additional details regarding all course assessments are located on the Blackboard.

Hunter undergraduate grading scale may be modified based on Fall 2020 cohort performance.

Communication

- Time zone for all online deadlines: Eastern Standard Time (EST)
- Estimated instructor response time to emails/Voicethreads: 48-72 hours excluding weekends

Syllabus Change Policy

Except for changes that substantially affect implementation of the grading method and scale, this syllabus is a guide for the course and is subject to change with advance notice. Any changes regarding the syllabus will be announced via blackboard.

Hunter College Academic Integrity Policy: Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures.

ADA Policy: In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (Emotional, Medical, Physical and/ or Learning) consult the **Office of AccessABILITY** located in Room E1124 to secure necessary academic accommodations. For further information and assistance please call (212- 772- 4857)/TTY (212- 650- 3230).

Hunter College Policy on Sexual Misconduct: In compliance with the CUNY Policy on Sexual Misconduct, Hunter College reaffirms the prohibition of any sexual misconduct, which includes sexual violence, sexual harassment, and gender-based harassment retaliation against students, employees, or visitors, as well as certain intimate relationships. Students who have experienced any form of sexual violence on or off campus (including CUNY-sponsored trips and events) are entitled to the rights outlined in the Bill of Rights for Hunter College.

a. Sexual Violence: Students are strongly encouraged to immediately report the incident by calling 911, contacting NYPD Special Victims Division Hotline (646-610-7272) or their local police precinct, or contacting the College's Public Safety Office (212-772-4444).

b. All Other Forms of Sexual Misconduct: Students are also encouraged to contact the College's Title IX Campus Coordinator, Dean John Rose (jtrose@hunter.cuny.edu or 212-650-3262) or Colleen Barry (colleen.barry@hunter.cuny.edu or 212-772-4534) and seek complimentary services through the Counseling and Wellness Services Office, Hunter East 1123. CUNY Policy on Sexual Misconduct