



Biology Non-Science Majors II-12792

BIOL-1309

RT 2022 Section 0001 3 Credits 08/23/2021 to 12/12/2021 Modified 08/17/2021

Course Meetings

Course Modality

WW

The course modality of this class is *online Anytime*.

Attendance will be taken through completion of online assignments.

Meeting Days

Faculty will instruct this class as a traditional online course utilizing Canvas Eagle Online.

Meeting Times

N/A

Meeting Location

Online

Welcome and Instructor Information

What's Exciting About This Course

Biology is the study of life. Learning and understanding Biology helps you know:

1. How and why things happen in the physical world.
2. More about yourself and your daily experiences.
3. How to live a healthier life and improve the lives of others.
4. How different organisms interact with each other, as well as our impact on them.

My Personal Welcome

Hello and welcome to Non-majors Biology II (BIOL 1309)! This is a fully online, 16-week course designed to expose you to the broad field of biology; including evolution, taxonomy, organismal diversity, and animal systems. Your efforts in this online course are self-guided; however, I am always available to help you if you need it. Don't hesitate to reach out to me with any questions about the class and have a great semester!

Preferred Method of Contact

My HCC Email address is my preferred method of contact. Please contact me using the mail function in Canvas so, or by emailing me directly: cassidy.johnson@hccs.edu.

I will do my best to respond to emails within 24-48 hours.

Office Hours

Tuesday, Thursday, 10:30 AM to 12:00 PM

Course Overview

Course Description

Credits: 3 (3 lecture). Topics include evolution, classification and ecological relationships, and organ systems of animals and plants. This course satisfies the Life and Physical Sciences or Component Area Option of the HCC core.

Requisites

Prerequisite: BIOL 1308; Must be placed into GUST 0342 (or higher) in reading and ENGL 0310/0349 (or higher) in writing.

Department Website

<https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/biology/>

Core Curriculum Objectives (CCOs)

BIOL 1309 satisfies the Natural Science requirement in the HCCS core curriculum. The HCCS Biology Discipline Committee has specified that the course address the following core objectives:

- **Critical Thinking:** Students will demonstrate the ability to engage in inquiry and analysis, evaluation and synthesis of information, and creative thinking by completing a written assignment such as a book report, research paper, or essay.
- **Communication Skills:** Students will demonstrate effective development, interpretation and expression of ideas through written, oral, and visual communication by completing a written assignment such as a book report, research paper, or essay.
- **Quantitative and Empirical Literacy:** Students will demonstrate the ability to draw conclusions based on the systematic analysis of topics using observation, experiment, and/or numerical skills by completing textbook reading assignments, completing assignments, and answering questions on quizzes and exams that pertain to Course Student Learning Outcomes below.
- **Teamwork:** Students will demonstrate the ability to consider different points of view and to work effectively with others to support a shared purpose or goal by completing textbook reading assignments, completing assignments, and answering questions on quizzes and exams that pertain to Course Student Learning Outcomes below.

Student Learning Outcomes and Objectives

Program Student Learning Outcomes (PSLOs) for the Biology Discipline can be found at <https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/biology/>

Course Student Learning Outcomes (CSLOs)

Upon successful completion of this course, students will:

1. Describe modern evolutionary synthesis, natural selection, population genetics, micro and macroevolution, and speciation.
2. Describe phylogenetic relationships and classification schemes.
3. Identify the major phyla of life with an emphasis on plants and animals, including the basis for classification, structural and physiological adaptations, evolutionary history, and ecological significance.
4. Describe basic animal physiology and homeostasis as maintained by organ systems.
5. Compare different sexual and asexual life cycles noting their adaptive advantages.
6. Illustrate the relationship between major geologic change, extinctions, and evolutionary trends.

Learning Objectives

Consistently demonstrate the knowledge of:

1. Science as a Process
2. Classification and Scientific Nomenclature

3. Evolution
4. Darwin, the Origin of Species, and Natural Selection
5. Major events in the evolution of life on earth
6. The Tree of Life
7. Genetics, its variations, and adaptations
8. Radiations and Extinctions
9. Primate and Hominid Evolution

Departmental Practices and Procedures

Instructor and Student Responsibilities

As your Instructor, it is my responsibility to:

- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Facilitate an effective learning environment through learner-centered instructional techniques
- Provide a description of any special projects or assignments
- Inform students of policies such as attendance, withdrawal, tardiness, and making up assignments
- Provide the course outline and class calendar that will include a description of any special projects or assignments
- Arrange to meet with individual students before and after class as required.

As a student, it is your responsibility to:

- Attend class in person and/or online
 - Participate actively by reviewing course material, interacting with classmates, and responding promptly in your communication with me
 - Read and comprehend the textbook
 - Complete the required assignments and exams
 - Ask for help when there is a question or problem
 - Keep copies of all paperwork, including this syllabus, handouts, and all assignments
 - Attain a raw score of at least 50% on the departmental final exam
- Be aware of and comply with academic honesty policies in the [HCCS Student Handbook](#).

Student Success Information

Student Success Information

Academic standards require a minimum of 3 study hours for every contact hour; meaning for a class that meets 3 hours per week, you need to budget and set aside a minimum of 9 hours each week to study and prep for your course success. Expect to spend at least twice as many hours per week outside of class as you do in class studying the course content. Additional time will be required for written assignments. The assignments provided will help you use your study hours wisely.

Successful completion of this course requires a combination of the following:

1. Reading the textbook
2. Attending class in person and/or online
3. Timely completion of assignments
4. Participating in class activities
5. Successful exam performance, including the mandatory final.

There is no short cut for success in this course; it requires reading and studying the material using the course objectives as a guide.

Instructional Materials and Resources

Instructional Materials

The [HCC Online Bookstore \(https://hccs.bnccollege.com/shop/hccs-central/page/find-textbooks\)](https://hccs.bnccollege.com/shop/hccs-central/page/find-textbooks) provides searchable information on textbooks for all courses.

This course participates in the Houston Community College First Day Program. A discount has been applied to the required digital course materials. The discounted charge has been added to students' tuition and fee bills.

Students will access course materials through a link in Canvas. Instructions for opting out of the HCC First Day Program are also posted in Canvas. Students who opt out will still be responsible for obtaining required course materials.

Other Instructional Resources

Lumen Waymaker

We will be using Lumen Learning's Waymaker courseware for this class. The courseware has been integrated into Canvas. The cost of this courseware was included in your tuition for the course as a part of the inclusive, first-day access program.

OpenStax Biology text

The below link can be used to download a PDF of the free, OpenStax Biology text. The textbook is integrated with Canvas, so this is not a requirement; however, it is available if you are interested.

[OpenStax Biology \(version 2e\)](#)

✓ Course Requirements

Assignments, Exams, and Activities

Type	Weight	Topic	Notes
Study Plan	10%		The course content is chunked into learning module Study Plans. The Study Plans include short reading assignments, videos, and low stakes quizzes to help you review the material. Completing each study plan will earn you 5 points in the class.
Module Quizzes	15%		Each module has a "final" quiz based on the study plan. These quizzes will help review the Study Plan contents and prepare you for the mini-exam. The final quiz for each module is 20 pts.
Mini-exams	55%		A mini-exam will be given every three weeks over two or three modules. The mini-exam is shorter than a "regular" exam with only ~25-35 questions. The mini-exams will be given using Canvas and the Respondus LockDown Browser system and a Webcam. A link to download the LockDown software is in the "Start Here" module. One mini-exam will be dropped.
Spark video assignment	10%		Students will have an opportunity to create an educational video using the free platform, Adobe Spark. Students can choose from one of two topics as the focus of their video. Detailed instructions and link to the software is posted in Canvas.
Final Exam	10%		The HCC Science Discipline requires a System-wide Comprehensive Final for each course. The exam is comprehensive and will be worth 10% of your final course grade. The exam is a 50 question, multiple choice exam and will be taken online using LockDown Browser & Webcam.

Grading Formula

Grade	Range	Notes
A	100-90	
B	89-80	
C	79-70	

Grade	Range	Notes
D	69-60	
F	59 and below	

* Instructor's Practices and Procedures

Incomplete Policy

In this course, the purposes of the "I" (incomplete) grade is for students who are caught up and passing at the student withdrawal deadline, and then have a medical or other problem that prevents them from completing the course. If you are not passing at the student withdrawal deadline, you should drop yourself from the course, or you will likely earn an "F." An incomplete "I" grade will be given only if all of the following conditions are met:

- You have earned at least 85% of the available points by the date that the "I" grade is requested.

You can provide documentation showing why you should earn an incomplete, such as a doctor's note, etc.

You must be passing with a grade of "B" or better.

You must request the incomplete in writing BEFORE November 19th.

In all cases, the instructor reserves the right to decline a student's request to receive a grade of Incomplete.

Missed Assignments/Make-Up Policy

The study plans are due by midnight on the assigned due date (see Canvas for more details). Students can finish a study plan after the due date; however, there is a three day "grace period" and for each day late there will be a 10% deduction. Each student will be able to drop one of the five, mini-exams. There are no makeup exams, and any missed exam will be used as a dropped exam. The Spark video assignment must be turned in by the due date for full credit. Any late submissions will lose 10% for each day the assignment is turned in late.

Academic Integrity

The practice quizzes you encounter during your reading and the completion quizzes for each module are designed to help you learn the material. These quizzes do not use the LockDown Browser; however, you should treat like opportunities to test what you know! I urge you to not use the internet, phone, etc. to answer these quizzes. For exams, you are not allowed to use any extra resources. The exams require the use of LockDown Browser and webcam, and the use of notes, the book, digital devices (phone, iPad, etc.), or assistance from individuals currently taking or not taking the course is prohibited. The use of these items on the exam will be considered cheating and could result in a grade of 0 for the exam and/or removal from the course with an assigned grade of F. Scholastic dishonesty also may result in a referral to the Dean of Student Services. See the link below for details. If you have a question about what counts as cheating, please reach out to me.

Here's the link to the HCC information about academic integrity (Scholastic Dishonesty and Violation of Academic Scholastic Dishonesty and Grievance):

<https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-procedures/>
[\(https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-procedures/\)](https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-procedures/)

Attendance Procedures

Students will need to log in at least once during the first week of the semester; afterwards, the assignments can be completed at the student's discretion, as long as everything is completed by the due date.

Student Conduct

I expect that everyone in the class will help me to build and maintain a respectful, safe, and open learning environment. We all come from different backgrounds and walks of life, and that is what makes college such a great experience! Please maintain respect for others and yourself.

Instructor's Course-Specific Information

The course is designed with the flexibility in mind for the online learning environment. All of the modules and study plans will be open on the first day of class and students can complete them at their own pace, as long as the assignments are completed by the due date. The class will not meet regularly online; however, the professor is readily available to meet with individual students via virtual office hours. Please reach out as soon as possible with any questions or concerns.

Devices

The exams require the use of LockDown Browser and webcam. The use of other digital devices (phone, iPad, etc.) during the exam is prohibited. The use of these items on the exam will be considered cheating and could result in a grade of 0 for the exam and/or removal from the course with an assigned grade of F.

Faculty Statement about Student Success

To do well in this course I suggest the following:

1. Review the video lecture for each module
2. Printing out the handout for the lecture, and use it to take notes. i
3. Complete the study guide and module quizzes.
4. Using the Learning Guide to study for the mini-exams and taking the exams on time.
5. Reaching out to me if you have a question or extra assistance.

Faculty-Specific Information Regarding Canvas

This course section will use Canvas (<https://eagleonline.hccs.edu> (<https://eagleonline.hccs.edu>)) to supplement in-class assignments, exams, and activities.

HCCS Open Lab locations may be used to access the Internet and Canvas. For best performance, Canvas should be used on the current or first previous major release of Chrome, Firefox, Edge, or Safari. Because it's built using web standards, Canvas runs on Windows, Mac, Linux, iOS, Android, or any other device with a modern web browser.

Canvas only requires an operating system that can run the latest compatible web browsers. Your computer operating system should be kept up to date with the latest recommended security updates and upgrades.

Social Justice Statement

Houston Community College is committed to furthering the cause of social justice in our community and beyond. HCC does not discriminate on the basis of race, color, religion, sex, gender identity and expression, national origin, age, disability, sexual orientation, or veteran status. I fully support that commitment and, as such, will work to maintain a positive learning environment based upon open communication, mutual respect, and non-discrimination. In this course, we share in the creation and maintenance of a positive and safe learning environment. Part of this process includes acknowledging and embracing the differences among us in order to establish and reinforce that each one of us matters. I appreciate your suggestions about how to best maintain this environment of respect. If you experience any type of discrimination, please contact me and/or the Office of Institutional Equity at 713-718-8271.

HCC Policies and Information

HCC Grading System

HCC uses the following standard grading system:

Grade	Grade Interpretation	Grade Points
A	Excellent (90-100)	4
B	Good (80-89)	3
C	Fair (70-79)	2
D	Passing (60-69), except in developmental courses.	1
F	Failing (59 and below)	0
FX	Failing due to non-attendance	0
W	Withdrawn	0
I	Incomplete	0
AUD	Audit	0
IP	In Progress. Given only in certain developmental courses. A student must re-enroll to receive credit.	0
COM	Completed. Given in non-credit and continuing education courses.	0

Link to Policies in Student Handbook

Here's the link to the HCC Student Handbook <https://www.hccs.edu/resources-for/current-students/student-handbook/> (<https://www.hccs.edu/resources-for/current-students/student-handbook/>) In it you will find information about the following:

- Academic Information
- Academic Support
- Attendance, Repeating Courses, and Withdrawal
- Career Planning and Job Search
- Childcare
- disAbility Support Services
- Electronic Devices
- Equal Educational Opportunity
- Financial Aid TV (FATV)
- General Student Complaints
- Grade of FX
- Incomplete Grades
- International Student Services
- Health Awareness
- Libraries/Bookstore
- Police Services & Campus Safety
- Student Life at HCC
- Student Rights and Responsibilities
- Student Services
- Testing

- Transfer Planning
- Veteran Services

Link to HCC Academic Integrity Statement

<https://www.hccs.edu/resources-for/faculty/student-conduct-resources-for-faculty/> (<https://www.hccs.edu/resources-for/faculty/student-conduct-resources-for-faculty/>)

Campus Carry Link

Here's the link to the HCC information about Campus Carry:

<https://www.hccs.edu/departments/police/campus-carry/> (<https://www.hccs.edu/departments/police/campus-carry/>)

HCC Email Policy

When communicating via email, HCC requires students to communicate only through the HCC email system to protect your privacy. If you have not activated your HCC student email account, you can go to [HCC Eagle ID](https://www.hccs.edu/resources-for/current-students/student-e-maileagle-id/) (<https://www.hccs.edu/resources-for/current-students/student-e-maileagle-id/>) and activate it now. You may also use Canvas Inbox to communicate.

Office of Institutional Equity

Use the link below to access the HCC Office of Institutional Equity, Inclusion, and Engagement (<https://www.hccs.edu/departments/institutional-equity/>) (<https://www.hccs.edu/departments/institutional-equity/>)

Ability Services

HCC strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability (including long and short term conditions, mental health, chronic or temporary medical conditions), please meet with a campus Abilities Counselor as soon as possible in order to establish reasonable accommodations. Reasonable accommodations are established through an interactive process between you, your instructor(s) and Ability Services. It is the policy and practice of HCC to create inclusive and accessible learning environments consistent with federal and state law. For more information, please go to <https://www.hccs.edu/support-services/ability-services/> (<https://www.hccs.edu/support-services/ability-services/>)

Title IX

Houston Community College is committed to cultivating an environment free from inappropriate conduct of a sexual or gender-based nature including sex discrimination, sexual assault, sexual harassment, and sexual violence. Sex discrimination includes all forms of sexual and gender-based misconduct and violates an individual's fundamental rights and personal dignity. Title IX prohibits discrimination on the basis of sex-including pregnancy and parental status in educational programs and activities. If you require an accommodation due to pregnancy please contact an Abilities Services Counselor. The Director of EEO/Compliance is designated as the Title IX Coordinator and Section 504 Coordinator. All inquiries concerning HCC policies, compliance with applicable laws, statutes, and regulations (such as Title VI, Title IX, and Section 504), and complaints may be directed to:

David Cross
Director EEO/Compliance
Office of Institutional Equity & Diversity
3100 Main
(713) 718-8271
Houston, TX 77266-7517 or Institutional.Equity@hccs.edu (<mailto:Institutional.Equity@hccs.edu>)

<http://www.hccs.edu/departments/institutional-equity/title-ix-know-your-rights/> (<http://www.hccs.edu/departments/institutional-equity/title-ix-know-your-rights/>)

Office of the Dean of Students

Contact the office of the Dean of Students to seek assistance in determining the correct complaint procedure to follow or to identify the appropriate academic dean or supervisor for informal resolution of complaints.

<https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-complaints/speak-with-the-dean-of-students/> (<https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-complaints/speak-with-the-dean-of-students/>)

Student Success

Expect to spend at least twice as many hours per week outside of class as you do in class studying the course content. Additional time will be required for written assignments. The assignments provided will help you use your study hours wisely. Successful completion of this course requires a combination of the following:

- Reading the textbook
- Attending class in person and/or online
- Completing assignments
- Participating in class activities

There is no short cut for success in this course; it requires reading (and probably re-reading) and studying the material using the course objectives as a guide.

Canvas Learning Management System

Canvas is HCC's Learning Management System (LMS), and can be accessed at the following URL:

<https://eagleonline.hccs.edu> (<https://eagleonline.hccs.edu>)

HCCS Open Lab locations may be used to access the Internet and Canvas. For best performance, Canvas should be used on the current or first previous major release of Chrome, Firefox, Edge, or Safari. Because it's built using web standards, Canvas runs on Windows, Mac, Linux, iOS, Android, or any other device with a modern web browser.

Canvas only requires an operating system that can run the latest compatible web browsers. Your computer operating system should be kept up to date with the latest recommended security updates and upgrades.

HCC Online Information and Policies

Here is the link to information about HCC Online classes, which includes access to the required Online Information Class Preview for all fully online classes: <https://www.hccs.edu/online/> (<https://www.hccs.edu/online/>)

Scoring Rubrics, Sample Assignments, etc.

Look in Canvas for the scoring rubrics for assignments, samples of class assignments, and other information to assist you in the course. <https://eagleonline.hccs.edu/login/ldap> (<https://eagleonline.hccs.edu/login/ldap>)

Instructor and Student Responsibilities

As your Instructor, it is my responsibility to:

- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Facilitate an effective learning environment through learner-centered instructional techniques
- Provide a description of any special projects or assignments
- Inform students of policies such as attendance, withdrawal, tardiness, and making up assignments
- Provide the course outline and class calendar that will include a description of any special projects or assignments
- Arrange to meet with individual students during office hours, and before and after class as required

As a student, it is your responsibility to:

- Attend class in person and/or online
- Participate actively by reviewing course material, interacting with classmates, and responding promptly in your communication with me
- Read and comprehend the textbook
- Complete the required assignments and exams
- Ask for help when there is a question or problem
- Keep copies of all paperwork, including this syllabus, handouts, and all assignments

- Be aware of and comply with academic honesty policies in the [HCCS Student Handbook \(https://www.hccs.edu/resources-for/current-students/student-handbook/\)](https://www.hccs.edu/resources-for/current-students/student-handbook/)

EGLS3

The EGLS³ ([Evaluation for Greater Learning Student Survey System \(https://www.hccs.edu/resources-for/current-students/egls3-evaluate-your-professors/\)](https://www.hccs.edu/resources-for/current-students/egls3-evaluate-your-professors/)) will be available for most courses near the end of the term until finals start. This brief survey will give invaluable information to your faculty about their teaching. Results are anonymous and will be available to faculty and division chairs after the end of the term. EGLS³ surveys are only available for the Fall and Spring semesters. -EGLS3 surveys are not offered during the Summer semester due to logistical constraints.

<https://www.hccs.edu/resources-for/current-students/egls3-evaluate-your-professors/> (<https://www.hccs.edu/resources-for/current-students/egls3-evaluate-your-professors/>)

Housing and Food Assistance for Students

Any student who faces challenges securing their foods or housing and believes this may affect their performance in the course is urged to contact the Dean of Students at their college for support. Furthermore, please notify the professor if you are comfortable in doing so.

This will enable HCC to provide any resources that HCC may possess.

Student Resources

Tutoring

HCC provides free, confidential, and convenient academic support, including writing critiques, to HCC students in an online environment and on campus. Tutoring is provided by HCC personnel in order to ensure that it is contextual and appropriate. Visit the [HCC Tutoring Services \(https://www.hccs.edu/resources-for/current-students/tutoring/\)](https://www.hccs.edu/resources-for/current-students/tutoring/) website for services provided.

Libraries

The HCC Library System consists of 9 libraries and 6 Electronic Resource Centers (ERCs) that are inviting places to study and collaborate on projects. Librarians are available both at the libraries and online to show you how to locate and use the resources you need. The libraries maintain a large selection of electronic resources as well as collections of books, magazines, newspapers, and audiovisual materials. The portal to all libraries' resources and services is the HCCS library web page at <https://library.hccs.edu> (<https://library.hccs.edu>).

Supplementary Instruction

Supplemental Instruction is an academic enrichment and support program that uses peer-assisted study sessions to improve student retention and success in historically difficult courses. Peer Support is provided by students who have already succeeded in completion of the specified course, and who earned a grade of A or B. Find details at <https://www.hccs.edu/resources-for/current-students/supplemental-instruction/> (<https://www.hccs.edu/resources-for/current-students/supplemental-instruction/>).

Resources for Students:

<https://www.hccs.edu/resources-for/current-students/communicable-diseases/resources-for-students/>
(<https://www.hccs.edu/resources-for/current-students/communicable-diseases/resources-for-students/>)

Basic Needs Resources:

<https://www.hccs.edu/support-services/counseling/hcc-cares/basic-needs-resources/> (<https://www.hccs.edu/support-services/counseling/hcc-cares/basic-needs-resources/>)

Student Basic Needs Application:

https://hccs.co1.qualtrics.com/jfe/form/SV_25WyNx7NwMRz1FH
(https://hccs.co1.qualtrics.com/jfe/form/SV_25WyNx7NwMRz1FH)

COVID-19

Here's the link to the HCC information about COVID-19:

<https://www.hccs.edu/resources-for/current-students/communicable-diseases/> (<https://www.hccs.edu/resources-for/current-students/communicable-diseases/>)

Sensitive or Mature Course Content

In this college-level course, we may occasionally discuss sensitive or mature content. All members of the classroom environment, from your instructor to your fellow students, are expected to handle potentially controversial subjects with respect and consideration for one another's varied experiences and values.

Instructional Modalities

In-Person (P)

Safe, face-to-face course with scheduled dates and times

Online on a Schedule (WS)

Fully online course with virtual meetings at scheduled dates and times

Online Anytime (WW)

Traditional online course without scheduled meetings

Hybrid (H)

Course that meets safely 50% face-to-face and 50% virtually

Hybrid Lab (HL)

Lab class that meets safely 50% face-to-face and 50% virtually

Course Calendar

Syllabus Modifications

The instructor reserves the right to modify the syllabus at any time during the semester and will promptly notify students in writing, typically by e-mail, of any such changes.

Week	Topic/Module	Module due date	Exams	Other important information
23-Aug	The history of life			First week of class! Please log in to Canvas at least once.
30-Aug	The history of life			
6-Sep	The history of life	9/11 (Sat) @ 11:59PM	Mini-exam #1: The history of life (starts 9/11 @ 8AM, ends 9/12 @ 11:59PM)	Official day of record (9/7)
13-Sep	Prokaryotes; Protists & Fungi			
20-Sep	Prokaryotes; Protists & Fungi			
27-Sep	Prokaryotes; Protists & Fungi	10/2 (Sat) @ 11:59PM	Mini-exam #2: Prokaryotes, protists, fungi (starts 10/2 @ 8AM, ends 10/3 @11:59PM)	
4-Oct	Plant diversity & reproduction			

11-Oct	Plant diversity & reproduction			
18-Oct	Plant diversity & reproduction	10/23 (Sat) @ 11:59PM	Mini-exam # 3: Plant diversity & reproduction (starts 10/23 @ 8AM, ends 10/24 @ 11:59PM)	Last day to withdraw (10/29)
25-Oct	Animal diversity; Invertebrates			
1-Nov	Animal diversity; Invertebrates			
8-Nov	Animal diversity; Invertebrates	11/13 (Sat) @ 11:59PM	Mini-exam #4: Animal diversity, features, invertebrates (starts 11/13 @ 8AM, ends 11/14 @ 11:59PM)	
15-Nov	Vertebrates; Overview of body systems			Spark Video Assignment due 11/21 @ 11:59PM
22-Nov	Vertebrates; Overview of body systems			Thanksgiving holiday (11/25-11/28)
29-Nov	Vertebrates; Overview of body systems	12/4 (Sat) @ 11:59PM	Mini-exam #5 Vertebrates, body systems (starts 12/4 @8AM, ends 12/5 @ 11:59PM)	Practice final exam opens this week!
6-Dec	Final exam week		Comprehensive final exam (mandatory): Starts @ 8AM on 5/13, ends 12/12 @ 12 noon	Last day of semester (12/12); Last day to take final exam (12/12)

Additional Information

Biology Departmental/Program Information

Visit the [Biology Program Page \(https://learning.hccs.edu/programs/biology\)](https://learning.hccs.edu/programs/biology) on the HCC Learning Web for information about our faculty and courses. You will also find information about majoring in Biology.

The [Field of Study \(FOS\) Curriculum for Biology \(https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/biology/\)](https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/biology/) here at HCC covers the smallest and simplest organisms (microbiology) to the largest and most complex organisms (human anatomy and physiology, zoology, botany).

The [Associate of Science in Biology - Biology Majors & Premedical Programs \(https://www.hccs.edu/finder/programs/associate-of-science-in-biology---biology-majors--premedical-programs---field-of-study-curriculum/\)](https://www.hccs.edu/finder/programs/associate-of-science-in-biology---biology-majors--premedical-programs---field-of-study-curriculum/) FOS is intended primarily for students planning on transferring to a senior college or university to receive a baccalaureate degree in the following areas: computer science, engineering, health and natural sciences, or mathematics.

The [Associate of Science in Biology - Health Sciences Professions \(https://www.hccs.edu/finder/programs/associate-of-science-in-biology---health-sciences-professions---field-of-study-curriculum/\)](https://www.hccs.edu/finder/programs/associate-of-science-in-biology---health-sciences-professions---field-of-study-curriculum/) FOS is intended primarily for students planning on transferring to a senior college or university to receive a baccalaureate degree in the following areas: computer science, engineering, health and natural sciences, or mathematics. (Pre-Nursing, Pre-Radiologic Sciences, Pre-Clinical Laboratory Services)

Visit the [STEM Resources Page at HCC \(https://www.hccs.edu/resources-for/current-students/stem--science-technology-engineering--mathematics/\)](https://www.hccs.edu/resources-for/current-students/stem--science-technology-engineering--mathematics/): HCC has developed this site to provide information on STEM related programs and resources at HCC and other institution – to include scholarship information.

Process for Expressing Concerns about the Course

If you have concerns about any aspect of this course, please reach out to your instructor for assistance first. You can always request a meeting (virtual/ in person) to go over your concerns. If your instructor is not able to assist you, then you may wish to contact the Biology Department using this form.

[Biology Department Reporting Form \(https://forms.office.com/r/8BwrMbqCYB\)](https://forms.office.com/r/8BwrMbqCYB)

Email: hcc.biology@hccs.edu

If your instructor is not able to assist you, then you may also wish to contact the Department Chair:

Dr. Shadi Kilani

shadi.kilani@hccs.edu; 713.718.7035