

******Note that this is cut/paste from the lecture syllabus in Webcourses. Formatting remains in Webcourses format; links are not active.******

BSC 2010: General Biology

M,T, W, Th 9:00 - 10:50 am, online

Department of Biology, College of Sciences

4 credit hours

Instructor Information

- Instructor: K. Michele Yeargain
- Office Hours: To be held in Zoom during scheduled lecture time. Private Zoom meetings can be arranged, if necessary.

Contact Information

- Email is the preferred method of contact
 - All emails will receive a response within 24-48 hours, excluding weekends
- Email must include the following information
 - Salutation
 - Your name
 - Your UCF ID
 - Include that you are enrolled in Biology I and specifically in my course
 - I work with 2500-3000 students in several courses each semester, so it is very important that you tell me that you are a Biology I student enrolled in my course
 - **Before emailing me with a question about course policies, you must read the lecture syllabus to find the answer yourself.**
- UCF policy requires students to use KnightsMail when contacting faculty
 - Email sent from other email addresses will not receive a response

Supplemental Instruction (SI) Leader

- Michael Moore

Course Information

- Term: Summer 2021
- Course Number & Section: BSC2010.B001
- Course Name: General Biology

- Credit Hours: 4 credit hours
- Course Modality: V (**Mandated online due to Coronavirus**) Course exams will be given synchronously during your scheduled lecture time. Laboratories will be held synchronously during your scheduled laboratory time. All other components of the course can be completed asynchronously

Enrollment Requirements

- **Must have PC or Mac laptop or desktop computer. Tablets and smart phones cannot access all components of this online course**
- **Must have fast, broadband internet access**
 - **Minimum speed/bandwidth is 10 Mb/second**
 - **WiFi is not recommended due to intermittent instability**
 - **Ethernet cable connection is strongly advised**
- **Must use Windows or Mac Operating System (Linux and similar OS are incompatible)**
- **Must download Respondus Lockdown browser (**
[https://cdl.ucf.edu/support/webcourses/respondus/download/Links to an external site.](https://cdl.ucf.edu/support/webcourses/respondus/download/Links%20to%20an%20external%20site.%20)**)**
- **There are no exceptions to the above requirements**
 - **Failure to have any of these requirements will result in a failing (F) grade in this course**
- Course Prerequisites (if applicable): High School Biology or equivalent
- Course Co-requisites (if applicable): None
- Because of the continued remote instruction requirement due to the COVID-19 pandemic, this course will use Zoom for some synchronous (“real time”) class meetings. Meeting dates and times can be found in the [Course Schedule](#).

Please take the time to familiarize yourself with Zoom by visiting the [UCF Zoom Guides](#)[Links to an external site.](#). You may choose to use Zoom on your mobile device (phone or tablet).

Things to Know About Zoom:

- You must sign in to my Zoom session using your UCF NID and password.
- The Zoom sessions are recorded.
- Improper classroom behavior is not tolerated within Zoom sessions and may result in a referral to the Office of Student Conduct.
- You can contact Webcourses@UCF.Support if you have any technical issues accessing Zoom.

Course Description

This course covers the chemical and cellular basis of life, cellular structure and function, Mendelian genetics, and gene expression. Students will also learn scientific inquiry and

processes. The laboratory portion of this course gives students an opportunity to practice the concepts taught in lecture. **Due to required remote instruction, narrated & annotated PowerPoint slides will be posted to Webcourses modules. It is the responsibility of each student to stay up to date by watching the PowerPoint videos based on the [Course Schedule](#). Based on the schedule, I will be in Zoom during the scheduled lecture time to answer questions about each chapter. Attendance is not required on these days but it is recommended for better comprehension/understanding of the material. Several times throughout the semester there will be optional Active Learnings in Zoom during your regular scheduled lecture time. Webcourses Quizzes will be used for Active Learning and your responses will be graded and will count towards your semester grade. Active Learning dates are posted in the Course Schedule.**

Course Materials and Resources

Required Materials/Resources

- Campbell Biology 12th Edition with UCF Virtual Laboratory Access
 - **Access to our virtual campus is required for the laboratory portion of this course and comes with a free electronic version of Campbell 12th edition**
 - Laboratory access will automatically applied to your UCF account for students who have opted-in
 - To opt-in, you must log into <https://my.ucf.edu/Links to an external site>. student center
 - Once your access has been verified on Webcourses, you can upgrade to a loose-leaf version of the textbook
 - For students who fail to opt-in, purchase can only be made at the UCF bookstore
 - **Access cannot be purchased from any third party vendors**
- MyLab and Mastering Homework
 - Will be used for homework throughout the semester. Access is included with your laboratory access/e-textbook purchase
- **Computer/Internet connection**
 - **You are responsible for your computer/ internet connection**
 - **Lack of internet connection must be documented by your internet provider**
- Insufficient internet connection may result in an inability to connect to Webcourses and/or our virtual campus.
- Webcourses will be used for class related material and communication including but not limited to:
 - Lecture and Laboratory Syllabi
 - Chapter Modules
 - PowerPoints of lecture
 - Exam review material
 - Chapter Homework
 - Announcements
 - To ensure that you receive important announcements, you are required to have your announcements setting turned on. **You are responsible for information sent to students via Webcourses Announcements.**
 - Grades for all course components

Student Learning Outcomes

- Understand introductory biological vocabulary and principles
- Understand and apply the Scientific Method
- Master introductory biological concepts required for acquisition of advanced concepts required in upper division biology courses
- Understand how biology is related to everyday life
- Learn critical thinking skills necessary for scientific inquiry

Course Activities

- Material widgets
- Active Learning
- Chapter homework
- 5 Lecture exams
- Final Exam
- Laboratory
- Students should plan to spend at least **12 hours per week** watching lecture videos, reading chapter material and learning concepts
- Students will spend approximately **4 hours per week** in the laboratory portion of this course
- Extra credit opportunities will be provided at the discretion of the instructor

Attendance Verification for Financial Aid Students

- Faculty are required to document student attendance/participation in this course so that financial aid monies are disbursed appropriately and in a timely manner.
- To document your attendance and participation in this course you are required to complete the Attendance Activity Quiz in Webcourses no later than Friday, July 2nd.
 - Failure to complete this quiz will result in the delay of your financial aid funds
 - Students who complete this quiz by 11:59 pm on July 2nd will receive 1 bonus raw point towards Exam 1

Course Activity Details

Lecture Exams Details (60% of semester grade)

- Five multiple choice exams will be given throughout the semester
 - **The lowest scoring exam of exams 1-4 will be dropped**
 - **Exam 5 (Final Exam) cannot be dropped**
 - The three highest scoring exams (1-4) and Exam 5 (Final Exam) are worth 15% each (for a total of 60%)
- **Exams are synchronous during our scheduled lecture time, 9 - 10:50 am**
 - There are no exceptions to this policy.

- **Work is not an acceptable reason to miss an exam.** The dates of the exams are listed below, you need to arrange to have the day (or the hour) off to take your exam
- Exams are scheduled on the following dates and during your scheduled lecture time:
 - - Exam 1: Tuesday, July 6
 - Exam 2: Tuesday, July 13
 - Exam 3: Tuesday, July 20
 - Exam 4: Thursday, July 29
 - Exam 5 (Final Exam): Thursday, August 5
- - Exam content is based on material covered in the pre-lecture readings, the video lectures, and the active learning activities.
- Exam Protocol
 - Exams will be online within Webcourses
 - Online exams will be 30 questions (plus 1 extra credit question) and **40 minutes**
 - Exams will start promptly at 9:00 am
 - Any students logging in late to the exam must complete the exam in the time remaining
 - Students who miss their exam time for unexcused reasons are not guaranteed a make-up opportunity. If such an opportunity is provided, the exam score will be penalized 15%. Work is not an excused reason for missing an exam.
 - The following are prohibited during all exams:
 - Calculators
 - Cell phones
 - Headphones, ear buds, other listening devices
 - Smart watches
 - Computer/Tablets/Any electronic device
 - Textbook and notes
 - Cheating is obviously not permitted. Cheating includes using any of the above mentioned tools, using another person, using GroupMe, Chegg, etc. This is discussed in greater detail in the section titled “Course Sanctions.”
 - **Lockdown Browser is required for all exams**
([https://cdl.ucf.edu/support/webcourses/respondus/download/Links to an external site.](https://cdl.ucf.edu/support/webcourses/respondus/download/Links%20to%20an%20external%20site.%20))
 - Quiz Audit will be used for all exams
 - Camera monitoring will not be used

Laboratory Grade Details (22% of semester grade)

- **The laboratory portion of this course is synchronous during your scheduled laboratory time**
- The laboratory portion of this course is worth 22% of your overall semester grade
- Review the Laboratory Syllabus for grading details

- **Failure to register for the lab by 11:59 pm on Friday, July 9th and/or failure to complete five or more laboratory modules, will result in a zero (0) grade for the laboratory portion of this course**

Materia Widgets (5% of semester grade)

- Materia widgets will be assigned as pre-lecture work for each chapter
- Different chapters will have a different number of Materia Practice assignments (i.e, some chapters have only 1 while other chapters have 3-4)
- You will have two attempts per Materia Widgets, the highest grade will count towards your semester grade
- Materia Practice assignments can only be accessed through Chapter modules
- Assignments open and close according to the schedule on Webcourses
 - All assignments close at 11:59 pm on the due date
- Assignments must be completed during the open period
 - Assignments will not be reopened
 - Late assignments will not receive a grade
- Three Materia Practice assignments will be dropped
 - There will be no excused absences for Materia Practice
 - Absences extending longer than the open period for an assignment will be considered on a case-by-case basis with approved documentation provided within 48 hours of the assignment due date
- Grade concerns must be remedied within two weeks of scores being posted on Webcourses
 - Failure to remedy concerns within this time period will in result in forfeiture of grade correction

Chapter Homework (7% of semester grade)

- Homework will be assigned for each chapter using MyLab and Mastering
- MyLab and Mastering is included for free with your laboratory/e-text access
- Students must access homework assignments through the MyLab and Mastering widget on Webcourses
- Assignments are based on chapter reading and lecture material
- The lowest scoring assignment will be dropped
- Assignments open and closed according to the schedule on Webcourses
 - Homework will open at 12:01 am on the opening date
 - Homework will close at 11:59 pm on the due date (see Webcourses schedule for details)
- Assignments are not timed but they must be submitted prior to the due date
 - Assignments submitted after the due date will not receive credit
- Assignments must be completed during the open dates/times
 - They will not be reopened
 - Due to scheduled and unscheduled Webcourses/MyLab and Mastering maintenance, as well as unplanned extenuating circumstances, you are strongly encouraged not to wait until the very last minute to complete an assignment

- There are no absences from Chapter Homework assignments
 - Absences extending longer than the opening date for an assignment will be considered on a case-by-case basis and with approved documentation provided within one week of the closing date of the assignment

Active Learning (6% of semester grade)

- Assignments will be in the form of Webcourses quizzes
- Assignments are timed at 50 minutes and are asynchronous but must be completed between 6:00 am - 11:59 pm as scheduled in the [Summer 2021 Course Schedule](#)
- Students who want assistance with this activity can join the Zoom sessions during scheduled lecture time for assistance from the instructor and the Learning Assistants.
- The lowest scoring Active Learning grade will be dropped.
- **Chapter Homework Extra Credit:**
 - One Dynamic Study Module (DSM) per chapter will be assigned as extra credit
 - DSMs open and close on the same schedule as each Chapter Homework
 - Each DSM that is completed prior to the due date will receive 0.5 point of extra credit towards the Chapter Homework assignment category
 - DSMs completed after the due date (or not at all) will not count
 - There are no excused absences from DSMs

Grade concerns must be addressed within one week of the score being posted on Webcourses

Activity Submissions

All course assignments and exams will be accessed through Webcourses; each assignment must be completed by the posted due date.

Attendance/Participation

Attendance for Zoom Topics is encouraged but not strictly required. Active Learning activities will take place several times throughout the semester - students must answer Active Learning questions in Webcourses quizzes during the scheduled available time.

Make-up Exams and Assignments

There are no excused absences for Materia widgets, Chapter Homework, or DSM extra credit. The lowest three (3) Materia widgets, and the lowest one (1) Chapter Homework will be dropped to account for absences, technical difficulties, etc. Materia widgets and Chapter Homework assignments are open for at least one week and are completed online, for this reason there is no need for an absence policy.

If an exam is missed due to an official, documented, University-approved absence, a make-up exam will be permitted within three days of the missed exam date.

- Excused absences include but are not limited to: illness, jury duty, court dates, severe family emergencies, UCF Athletics program travel, military service, etc.
 - **Documentation for excused absences must be submitted within 48 hours** of the exam date and must be from an official authority (doctor, judge, etc.)
 - Absences extending longer than 48 hours past the exam date must be submitted within 48 hours of the date on the excuse documentation
 - Excuses/Documentation will not be accepted after this time
 - Excuses will not be accepted from family members, even if they are doctors, nurses, police officers, etc.
- Work is not considered an excused reason for missing an exam. All exam dates are available beginning Monday, July 28; students must make arrangements in their work schedule to accommodate all exams.
- Unexcused absences will result in a zero grade for the missed exam
 - If the unexcused absence occurs during exams 1-5, that grade will be dropped as the lowest scoring exam
 - Any additional zero exam grades due to unexcused absences will count towards the final semester grade
- Known conflicts with exam dates must be discussed with the instructor no less than one week prior to the exam date. Documentation must also be provided no less than one week prior to the exam date.
 - Known conflicts include, but are not limited to: military duty, UCF Athletic travel, court date, etc.
- Unexpected last minutes absences on the day of an exam, you must contact the instructor within 24 hours of the exam. Documentation must be provided within 48 hours of the exam date (or within 48 hours of the date on the excuse documentation).
- If approved, make-up exams must be scheduled and completed within three days of the missed exam date.
 - If you miss your scheduled make-up exam you will receive a zero for the exam.

Exam Review

- Due to mandated online format, exam review will not be permitted. For this reason, there is no cumulative final exam for this course.

Important Grade Information

- Withdrawal for Summer 2021 is Friday, July 23, at 11:59 pm.
 - Students must initiate this withdrawal process
 - Refer to the Undergraduate Catalog or contact the Registrar for detailed information
- Grade Forgiveness deadline for Summer 2021 is Saturday, August 7, at 11:59 pm
 - Grade Forgiveness is not automatically granted for repeating students through myUCF
- In compliance with FERPA, no grades will be given via email or phone
 - Students wishing to discuss their grades must do so in person and present their UCF ID card

- Grades will not be discussed with any individual (even parents) other than the student
- For Biology majors, a grade of “C” or higher is required to matriculate to the next Department of Biology course
 - Non-majors must check with their individual departments for requirements

Academic Assistance

- The instructor is available during Zoom Topic hours and by appointment to answer your questions about the content of this course
- Tutoring and Supplemental Instruction (SI) sessions are available through the Student Academic Resource Center (SARC).
 - SI meeting times and locations will be announced in lecture and posted in Webcourses
- If you need help with content, are not performing well on exams, etc., please do not wait until the day before the final exam to seek help! If you need help, ask for it – from the beginning of the semester!

Assessment and Grading Procedures

Assignment	Percentage of Grade
Active Learning	6%
Materia Widgets	5%
Chapter Homework	7%
Four highest scoring exams 1-4 (15% each)	45%
Exam 5 (Final Exam)	15%
Laboratory	22%
Total	100%

Letter Grade	Percent
A	90-100
B	80-89
C	70-79
D	60-69
F	59 or below

Semester grades will be based on the grading scheme above. Overall semester grades will NOT be rounded. In other words, a 79.99 is a “C.” With so many students in this course, we strive for consistency and fairness. For this reason, there will be no additional assignments or end-of-semester extra credit given. There will be no “retakes” on any exam, assignment, or laboratory exercise.

Course Schedule

[Summer 2021 Course Schedule](#)

Policy Statements

Statement Regarding COVID-19

To protect members of our community, everyone is required to wear a facial covering inside all common spaces including classrooms (<https://policies.ucf.edu/documents/PolicyEmergencyCOVIDReturnPolicy.pdf>) [Links to an external site.](#). Students who choose not to wear facial coverings will be asked to leave the classroom by the instructor. If they refuse to leave the classroom or put on a facial covering, they may be considered disruptive (please see the [Golden Rule](#) [Links to an external site.](#) for student behavior expectations). Faculty have the right to cancel class if the safety and well-being of class members are in jeopardy. Students will be responsible for the material that would have been covered in class as provided by the instructor.

Depending on the course of the pandemic during the semester, the university may make changes to the way classes are offered. If that happens, please look for announcements or messages in Webcourses@UCF or Knights email about changes specific to this course.

COVID-19 and Illness Notification – Students who believe they may have a COVID-19 diagnosis should contact UCF Student Health Services (407-823-2509) so proper contact tracing procedures can take place.

Students should not come to campus if they are ill, are experiencing any symptoms of COVID-19, have tested positive for COVID, or if anyone living in their residence has tested positive or is sick with COVID-19 symptoms. CDC guidance for COVID-19 symptoms is located here: (<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html> ([Links to an external site.](#)))

Students should contact their instructor(s) as soon as possible if they miss class for any illness reason to discuss reasonable adjustments that might need to be made. When possible, students should contact their instructor(s) before missing class.

In Case of Faculty Illness – If the instructor falls ill during the semester, there may be changes to this course, including having a backup instructor take over the course. Please look for announcements or mail in Webcourses@UCF or Knights email for any alterations to this course.

Course Accessibility and Disability COVID-19 Supplemental Statement – Accommodations may need to be added or adjusted should this course shift from an on-campus to a remote format. Students with disabilities should speak with their instructor and should contact sas@ucf.edu to discuss specific accommodations for this or other courses.

Academic Integrity

Students should familiarize themselves with [UCF's Rules of Conduct](#)[Links to an external site.](#). According to Section 1, "Academic Misconduct," students are prohibited from engaging in:

- *Unauthorized assistance*: Using or attempting to use unauthorized materials, information or study aids in any academic exercise unless specifically authorized by the instructor of record. The unauthorized possession of examination or course-related material also constitutes cheating.
- *Communication to another through written, visual, electronic, or oral means*: The presentation of material which has not been studied or learned, but rather was obtained through someone else's efforts and used as part of an examination, course assignment, or project.
- *Commercial Use of Academic Material*: Selling of course material to another person, student, and/or uploading course material to a third-party vendor without authorization or without the express written permission of the university and the instructor. Course materials include but are not limited to class notes, Instructor's PowerPoints, course syllabi, tests, quizzes, labs, instruction sheets, homework, study guides, handouts, etc.
- *Falsifying or misrepresenting* the student's own academic work.
- *Plagiarism*: Using or appropriating another's work without any indication of the source, thereby attempting to convey the impression that such work is the student's own.
- *Multiple Submissions*: Submitting the same academic work for credit more than once without the express written permission of the instructor.
- *Helping another violate* academic behavior standards.

For more information about Academic Integrity, students may consult [The Center for Academic Integrity](#). ([Links to an external site.](#))

For more information about plagiarism and misuse of sources, see "[Defining and Avoiding Plagiarism: The WPA Statement on Best Practices](#) ([Links to an external site.](#))".

Responses to Academic Dishonesty, Plagiarism, or Cheating

Classroom Conduct

- All students enrolled in this course agree to abide by the UCF Golden Rule
 - As this is an M course, refer specifically to the online conduct portions as they relate to our virtual laboratory and online lecture content
- Arrive on time and stay for the entire class
 - If you must arrive late or leave early, sit towards the rear of the room
- No talking during the lecture
- Cell phones and electronic devices must be turned off and put away during lecture exams
- Use of cell phones and electronic devices during regular lectures is limited to note-taking and Learning Catalytics responses only.
 - Computers will be banned from the lecture hall if students do not abide by this rule

- Disruptive behavior will not be tolerated; offenders will be removed from the lecture hall.
- Academic Dishonesty devalues this course, the Department of Biology, and the prestige of your UCF degree and, as such, will not be tolerated.
 - This includes but is not limited to: cheating on any coursework, copying exams, posting questions/answers in any public or private forum, false impersonation of students, etc.
- Abusive/Offensive behavior will not be tolerated in lecture (to the instructor or the lecture assistant) or on the virtual laboratory campus (to the instructor, the Teaching Assistants (TAs) or CNDG staff)
 - This is an open, tolerant, judgement-free learning environment
 - There are NO exceptions!
- All course material is copyrighted to Ms. Michele Yeargain, Pearson Publishing 2018, and CNDG 2021

Course Sanctions

- Cheating during an exam
 - Any use of book, notes, computer, phone, tablet, or any other electronic device during an exam constitutes cheating
 - Consulting with fellow classmates, friends, or any other person during an exam constitutes cheating
 - First offense will result in immediate removal from the lecture hall and a zero grade on the exam
 - Second offense will result in immediate removal from the lecture hall, a zero grade on the exam, and referral to Department of Biology Conduct Committee and/or UCF Office of Student Rights and Responsibilities
- If a report of academic misconduct is filed, course sanctions could include:
 - Reduction in points for the exam/assignment
 - Zero grade on the exam/assignment
 - Letter grade of “F” for the course

University Sanctions

- Academic Misconduct and Disruptive Conduct submitted to the Office of Student Rights and Responsibilities may impact student status at UCF.
 - Use or display of any electronic device during an exam (calculators are excluded from this when use is permitted on an exam)
 - Any form of written information accessible by or in possession of a student during an exam
 - Posting quiz/exam/assignment topics/questions/answers to any public/private forum
 - Falsification of excuse documentation
 - Disruptive/Abusive conduct
 - Aggressive behavior, stalking, harassment, bullying, etc.
 - Refusal to comply with course syllabus
 - “F” letter grade for the course

Course Accessibility Statement

The University of Central Florida is committed to providing access and inclusion for all persons with disabilities. Students with disabilities who need disability-related access in this course should contact the professor as soon as possible. Students should also connect with [Student Accessibility Services](#)[Links to an external site.](#) (Ferrell Commons 185, sas@ucf.edu, phone (407) 823-2371). Through Student Accessibility Services, a Course Accessibility Letter may be created and sent to professors, which informs faculty of potential access and accommodations that might be reasonable. Determining reasonable access and accommodations requires consideration of the course design, course learning objectives and the individual academic and course barriers experienced by the student.

Campus Safety Statement

Emergencies on campus are rare, but if one should arise in our class, everyone needs to work together. Students should be aware of the surroundings and familiar with some basic safety and security concepts.

- In case of an emergency, dial 911 for assistance.
- Every UCF classroom contains an emergency procedure guide posted on a wall near the door. Please make a note of the guide's physical location and consider reviewing the online version at http://emergency.ucf.edu/emergency_guide.html[Links to an external site.](#).
- Students should know the evacuation routes from each of their classrooms and have a plan for finding safety in case of an emergency.
- If there is a medical emergency during class, we may need to access a first aid kit or AED (Automated External Defibrillator). To learn where those items are located in this building, see <http://www.ehs.ucf.edu/workplacesafety.html>[Links to an external site.](#) (click on link from menu on left).
- To stay informed about emergency situations, sign up to receive UCF text alerts by going to my.ucf.edu[Links to an external site.](#) and logging in. Click on "Student Self Service" located on the left side of the screen in the tool bar, scroll down to the blue "Personal Information" heading on your Student Center screen, click on "UCF Alert," fill out the information, including your e-mail address, cell phone number, and cell phone provider, click "Apply" to save the changes, and then click "OK."
- Students with special needs related to emergency situations should speak with their instructors outside of class.
- To learn about how to manage an active-shooter situation on campus or elsewhere, consider viewing this video. [You CAN Survive an Active Shooter \(Links to an external site.\)](#)



[site.](#))

Deployed Active Duty Military Students

If you are a deployed active duty military student and feel that you may need a special accommodation due to that unique status, please contact your instructor to discuss your circumstances.

Copyright

This course may contain copyright protected materials such as audio or video clips, images, text materials, etc. These items are being used with regard to the Fair Use doctrine in order to enhance the learning environment. Please do not copy, duplicate, download or distribute these items. The use of these materials is strictly reserved for this online classroom environment and your use only. All copyright materials are credited to the copyright holder.

Third-Party Software and FERPA

During this course you might have the opportunity to use public online services and/or software applications sometimes called third-party software such as a blog or wiki. While some of these could be required assignments, you need not make any personally identifying information on a public site. Do not post or provide any private information about yourself or your classmates. Where appropriate you may use a pseudonym or nickname. Some written assignments posted publicly may require personal reflection/comments, but the assignments will not require you to disclose any personally identity-sensitive information. If you have any concerns about this, please contact your instructor.