

BSC2011.0V01: General Biology 2
Department of Biology, College of Science
4 Credit Hours

Instructor Information

Instructor: Dr. Melinda Donnelly

Office Location: Biological Sciences (BIO) Building, room 401A

Office Hours: Mondays and Wednesdays, 11 AM to 1 PM

Virtual (by appointment on zoom) or in-person

Appointments outside of posted office hours are available and scheduled by email

Email: Melinda.Donnelly@ucf.edu

Contact Information

Email: Melinda.Donnelly@ucf.edu

All emails will receive a response within 24-48 hours, excluding weekends and holidays

UCF policy requires students to use official UCF email when contacting faculty, any emails sent from other programs will not receive a response

Email must include the following information...

Salutation

Your name

Include that you are enrolled in Biology II and Section Number

Before emailing me with a question about course policies, read the lecture syllabus to find the answer yourself.

Course Information

Term: Fall 2023

Course Number & Section: BSC2011.0V01

Course Name: General Biology 2

Credit Hours: 4

Class Meeting Times

MWF 10-10:50 am

Location: Zoom meetings (all lectures will be recorded and posted for later viewing)

Course Modality: Video (V)

Enrollment Requirements

Course Prerequisites: BSC 2010 (General Biology I) or equivalent course

Course Co-requisites: BSC 2011 Laboratory is a required component of this course

Course Description

BSC 2011 is the continuation of BSC 2010, with an emphasis on problem solving, analysis, synthesis of information, and applying data effectively. This course focuses on organismal anatomy and physiology as it relates to biodiversity, ecology and evolution.

Course Purpose

BSC 2011 (General Biology 2) is the second of a two semester General Biology sequence for science majors. Biology 2 builds on concepts from BSC 2010 to build a foundation of knowledge of the field of biology. This course serves as a pre-requisite for other upper level biology courses and/or for admission requirements for many post-graduate programs.

Course Activities

Chapter Readings

Lectures

Weekly Content Quizzes

Participation Activities

Active Learning Exercises

4 Lecture Exams

Final Exam (non-cumulative)

Laboratory

Extra credit opportunities will be provided at the discretion of the instructor

Student Learning Outcomes

- Given terms and facts pertaining to evolution, biodiversity, and ecology, students will be able to classify them correctly.
- Given biological examples, students will be able to correctly differentiate how they relate to evolutionary concepts and theories.
- Given phylogenetic relationships, students will be able to correctly interpret the level of organisms' relatedness.
- Given organismal features, students will be able to correctly reconstruct phylogenetic classifications.
- Given real biological observations, students will be able to correctly implement the concepts of evolution and biodiversity.
- Given the descriptive characteristics of animals, students will be able to correctly identify distinguishing features of animals in general as well as key features of major animal divisions from simple invertebrates through advanced vertebrates.
- Given the characteristics of a given ecosystem, students will be able to make connections between biotic and abiotic factors and understand how organisms are linked to their environment as well as each other through trophic level interactions.

Course Materials and Resources

Required Materials/Resources

Textbook: The required textbook for this course OpenStax Biology 2e is available for free online.

Print ISBN 1947172514

Digital ISBN 1947172522

www.openstax.org/details/books/biology-2e

Since this textbook is an Open Educational Resource (OER), specific sections of the text, relevant to this course, have also been integrated into Webcourses Modules. Students are highly encouraged to utilize this curated version of the online text in order to focus on the necessary content in an efficient manner.

Students can also access the full text book in one of the following ways:

Online web view, ([Links to an external site.](#)) for free -- the responsive design works on any device.

Download the PDF ([Links to an external site.](#)) for free -- it is recommended that you download the PDF in case of technical issues with the publisher website.

Purchase the book on iBooks ([Links to an external site.](#)) at a relatively low cost.

Purchase a print version (Links to an external site.) at a relatively low cost via the campus bookstore or from OpenStax on Amazon.com.

Internet Access and Webcourses

Webcourses will be used for most aspects of this class, including class related material and communication:

Lecture Syllabus

Weekly Modules with Textbook Reading Assignments

Lecture Slides

Exam review material

Weekly Quizzes, Participation Assignments

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

Assessment and Grading Procedures

Assessment	Percentage of Grade
Module Activities (drop lowest grades)	5%
Active Learning Activities (drop lowest grade)	5%
Weekly Quizzes (drop lowest grade)	5%
Three highest scoring lecture exams (15% each, drop lowest grade of lecture exams)	45%
Final Exam (Exam 5, cannot be dropped)	15%

Laboratory	25%
Total	100%

Final letter grades for the semester will use the following grading scale:

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.

*In compliance with FERPA, no grades will be given via email or phone

Students wishing to discuss their grades must request an appointment with Dr. Donnelly by email.

Grades will not be discussed with any individual (even parents) other than the student.

Course Activity Details

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 Academic Engagement Activity - Syllabus Quiz in Webcourses no later than Friday, August 25th by 5 pm.

Failure to complete this quiz will result in the delay of your financial aid funds

This quiz is related to the lecture syllabus. Your score on this quiz will not count towards your grade in this course, but students who complete this quiz by 5 pm on August 26th will receive 1 bonus point (1%) towards Exam 1.

Module Activities (5% of semester grade)

Your grade will be evaluated based on completion of on-line activities related to weekly modules using quizzes in Webcourses. For each assignment quiz, you will have unlimited time and two attempts (highest grade will be recorded).

Important: There are NO makeups or excused absences for missed quizzes (unless a student can provide documentation affecting them longer than 1 week, e.g. extended hospitalization, sequestered jury duty, etc. that prevented computer access).

At the end of the semester, the lowest grade will be dropped.

Active Learning (5% of semester grade)

Will use Webcourses quizzes for submission and grading- attendance of video lecture for associated Active Learning Exercises is not mandatory to receive credit for Active Learning assignments.

All Active Learning Exercises Quizzes will be due on the date of the planned lecture for Active Learning by 11:59 pm. See Course Schedule for dates.

For each Active Learning Exercises Quiz, you will have unlimited time and two attempts (highest grade will be recorded).

Assignment information will be available on Webcourses in the Exam Study Guide Modules, available one week before each exam date (see Course Schedule for dates). The lecture associated with each Active Learning Exercises will go over the material and questions and provide opportunities for students to ask questions.

The lowest scoring assignment will be dropped.

Weekly Quizzes (5% of semester grade)

There will be 9 online quizzes given through Webcourses, one per week except for any week an exam is being given.

Each quiz will consist of 8-10 questions based on module content.

These quizzes are intended to help you learn along the way. The quizzes are open-book and un-timed but you only have ONE (1) attempt to take the quiz.

Your lowest (1) quiz grade will be dropped from your final grade.

Quizzes will be available to students for one week, opening on Mondays and closing at 11:59PM the following Monday.

Important: There are NO makeups or excused absences for missed quizzes (unless a student can provide documentation affecting them longer than 1 week, e.g. extended hospitalization, sequestered jury duty, etc. that prevented computer access).

If you miss taking a quiz, you will receive a zero (0) for that quiz's grade. Therefore, do NOT wait until the last minute to take the quiz.

Technical or internet difficulties will NOT be accepted as an excuse for missing quizzes.

Students are responsible for knowing the quiz due dates which can be found on Webcourses

Lecture Exams Details (45% of semester grade)

All Exams will be given electronically through Webcourses using Lockdown Browser

Four multiple choice exams will be given throughout the semester on the dates listed below:

Exam 1: Friday, Sept. 8th

Exam 2: Wednesday September 29th

Exam 3: Friday, October 20th

Exam 4: Wednesday, November 8th

Exams will be available starting at 6 AM on each exam date and remain open until 11:59 pm and you will have 50 minutes to complete once you begin the exam.

Exam Study Modules will be available on Webcourses one week before each exam date and include a study guide.

The lowest scoring lecture exam will be dropped

The three highest scoring exams are worth 15% each of final grade

Exam content is based on material covered in modules

Exams are open notes and open book, however, Lockdown browser will be required when taking the exam.

Review the information about LockDown Browser and download at: [Lockdown Browser Download](#)

Once installed, test your browser with this practice quiz: [LockDown Browser Practice Quiz- Requires Respondus LockDown Browser](#)

Failure to take the exam on the scheduled date will result in a zero (0) grade for the exam

Exams can be reviewed during office hours after make-up exams have been completed until the date of the following exam.

Final Exam Details (15% of semester grade)

The final exam will be given electronically on Webcourses using lockdown browser and must be completed on your scheduled final exam date of on Monday, Dec. 4th. The final exam will be open same timeframe as other exams, from 6 AM to 11:59 pm and same length with a 50 minute time limit.

There are no alternative final exam times

The final exam is required and cannot be dropped, missing the final exam will result in a zero score.

Students who miss their final exam time for unexcused reasons are not guaranteed a make-up opportunity. If such an opportunity is provided, the final exam score will be penalized 10%.

The final exam will be not cumulative and covers material from the last modules of the semester.

Exams are open notes and open book, however, Lockdown browser will be required when taking the exam.

Laboratory Grade Details (25% of semester grade)

There is a REQUIRED laboratory component to BSC 2011C.

All detailed information concerning the laboratory will be covered in the separate laboratory syllabus found in your laboratory section's Webcourses.

Please direct all lab-related questions and grading to your GTA. Dr. Donnelly can NOT answer lab content or lab logistic questions.

Make-up Exams and Assignments

Per university policy, you are allowed to submit make-up work (or an equivalent, alternate assignment) for authorized university-sponsored activities, religious observances, or legal obligations (such as jury duty). If this participation conflicts with your course assignments, I will offer a reasonable opportunity for you to complete missed assignments and/or exams. The make-up assignment and grading scale will be

equivalent to the missed assignment and its grading scale. In the case of an authorized university activity, it is your responsibility to show me a signed copy of the Program Verification Form for which you will be absent, prior to the class in which the absence occurs. Other absences may require documentation to be excused at the instructor's discretion. In any of these cases, please contact me ahead of time to notify me of upcoming needs.

For a missed excused exam, the make-up exam must be completed by the date of the next exam. All make-up and late assignments must be completed or submitted to Webcourses by the last day of the classes on Friday, December 1st. No assignments or make-up exams for Exams 1-4 will be accepted after the last class date.

Students must notify their instructor in advance if they intend to miss an exam for religious holidays. For more information, see the UCF policy at <http://regulations.ucf.edu/chapter5/documents/5.020ReligiousObservancesFINALJan19.pdf>.

Consult the latest Undergraduate or Graduate catalog for regulations and procedures regarding grading such as Incomplete grades, grade changes, and grade forgiveness.

Course Schedule

See the complete Course Schedule for dates and deadlines.

Weekly modules will open on Mondays (with a few exceptions) and include lecture slides for that week's classes, textbook readings, and links to on-line resources associated with the topics included in the textbook chapters. All video lectures will be recorded and posted to Webcourses on the Zoom page as soon as the recordings become available.

The modules are designed for you to complete at your own pace over the course of the week. On all weeks except exam weeks, quizzes and module activities will open on Monday with the module information and be due by 11:59 pm on the following Monday. Quizzes will test knowledge of material presented in the weekly module and associated textbook readings.

Any changes to the schedule will be announced to the class through Webcourses.

University Services and Resources

Academic Services and Resources

A list of available academic support and learning services is available at UCF Student Services. Click on "Academic Support and Learning Services" on the right-hand side to filter.

Non-Academic Services and Resources

A list of non-academic support and services is also available at UCF Student Services. Click on "Support" on the right-hand side to filter.

If you are a UCF Online student, please consult the UCF Online Student Guidelines for more information about your access to non-academic services.

During your UCF career, you may experience challenges including struggles with academics, finances, or your personal well-being. UCF has a multitude of resources available to all students. Please visit UCFCares.com Links to an external site. if you are seeking resources and support, or if you are worried about a friend or classmate. Free services and information are included for a variety of student concerns, including but not limited to alcohol use, bias incidents, mental health concerns, and financial challenges. You can also e-mail ucfcares@ucf.edu with questions or for additional assistance. You can reach a UCF Cares staff member between 8 a.m. and 5 p.m. by calling 407-823-5607. If you are in immediate distress, please call Counseling and Psychological Services to speak directly with a counselor 24/7 at 407-823-2811, or please call 911.

Policy Statements

The University of Central Florida considers the diversity of its students, faculty, and staff to be a strength and critical to its educational mission. UCF expects every member of the university community to contribute to an inclusive and respectful culture for all in its classrooms, work environments, and at campus events. Dimensions of diversity can include sex, race, age, national origin, ethnicity, gender identity and expression, intellectual and physical ability, sexual orientation, income, faith and non-faith perspectives, socio-economic class, political ideology, education, primary language, family status, military experience, cognitive style, and communication style. The individual intersection of these experiences and characteristics must be valued in our community.

Academic Integrity

Course Accessibility Statement

Campus Safety Statement

Deployed Active Duty Military Students

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