

# General Biology 2: BSC 2011

## Spring 2018

### LECTURE TIMES/LOCATION:

Section 1: MWF 8:30 AM – 9:20 AM

Location: Classroom Building 1 (CB1) 121

Section 2: MWF 10:30 AM – 11:20 AM

Location: Visual Arts Building (VAB) 0132

### INSTRUCTORS:

#### Part A: Evolution & Biodiversity:

##### Dr. Charissa de Bekker

Office: Biological Sciences (BIO) 435

Email: [charissa.debekker@ucf.edu](mailto:charissa.debekker@ucf.edu)

#### Part B: Anatomy & Physiology & Ecology:

##### Dr. Will Crampton

Office: Biological Sciences (BIO) 402A

Email: [will.crampton@ucf.edu](mailto:will.crampton@ucf.edu)

### BIOLOGY 2 COURSE and LAB COORDINATOR:

#### Ms. Michele Yeargain

Office: Biological Sciences (BIO) 201B

Email: [michele.yeargain@ucf.edu](mailto:michele.yeargain@ucf.edu)

*Note: Office hour times for each instructor and Ms. Yeargain will be announced in lecture and posted in Webcourses.*

### LABORATORY GRADUATE TEACHING ASSISTANTS:

- You will meet your individual GTA's during your individual laboratory and will receive their specific contact information and office hours during lab.

### COURSE DESCRIPTION:

- Credit hours:* 4
- Course Prerequisites:* BSC 2010 (Biology I) or the equivalent approved course.
- Purpose of the course:* BSC 2011 (Biology 2) is the second of a two semester General Biology sequence. Biology 2 serves as a pre-requisite for other upper level biology courses and/or for admission requirements for many post-graduate programs.

### GENERAL COURSE TOPICS:

Biology 2 reviews biological diversity on earth, and is divided into four themes:

- Evolution
- Biodiversity
- Anatomy & Physiology
- Ecology

### RESOURCES:

- Required Text** – *Campbell Biology, 11th Edition*. Pearson Education Inc. Use of the e-text is highly advised because the e-text provides helpful videos and self-test questions.
- Read the assigned chapters listed in the course schedule and do the online accompanying Dynamic Study Models (see Active Learning Incentive below) *before coming to the lecture!*
- Not all of the material from the text book will be covered. It is the student's responsibility to attend lecture and know what was covered and what was not.
- Students who took BSC2010 during the Fall 2017 semester** have free access to Campbell 11<sup>th</sup> edition e-textbook and Modified MyLab and Mastering. To access this, students simply need to log into BSC2011's Webcourses, click on the MyLab and Mastering tab, then click on "Open MyLab and Mastering". Follow the instructions to sign in to your Pearson account.

- **Students who were enrolled in BSC 2010 in prior semesters** and purchased access to Campbell 10<sup>th</sup> edition e-text/Modified MyLab and Mastering will be given free access to the current Campbell 11<sup>th</sup> edition e-textbook and Modified MyLab and Mastering. Pearson Publishing sent emails to these students with instructions for this. If you did not receive an email, you need to email Michele Yeargain ([michele.yeargain@ucf.edu](mailto:michele.yeargain@ucf.edu)) with your name, your knights email address, and the semester in which you were enrolled in BSC 2010 at UCF.
- **Students who did not take BSC 2010 at UCF, or who took BSC2010 at UCF but did not purchase access to Campbell 10<sup>th</sup> edition e-textbook/Modified MyLab and Mastering** are required to purchase access to this. Those students HAVE ONLY TWO OPTIONS FOR PURCHASING ACCESS: 1. Purchase an access card from the UCF bookstore, or 2) purchase access from MyLab and Mastering in Webcourses. Access cannot be purchased from any third-party vender such as Amazon, an online bookstore, etc. – access purchased this way will NOT provide access to our specific course.

#### WEBCOURSES:

- Although not an online course, BSC 2011 uses UCF's Webcourses for important course components such as access to course documents (e.g. copies of Powerpoint slides, syllabus), online quizzes and assignments, grade posting and for the required downloading of laboratory materials.
- It is the student's responsibility to ensure they have access to our Webcourses and that they routinely check materials available there.
- Students can access Webcourses through my.ucf.edu or directly through <https://webcourses.ucf.edu>, using their NID and NID password.

#### COMMUNICATION:

- **Contact Instructors (Drs. de Bekker or Crampton):**
  - If your question is about *course content* from lecture or lecture *exam content*.
  - Refer to the course schedule to identify the course content/semester time each instructor teaches and send emails to the appropriate person. In general, Dr. Crampton will NOT be answering emails or conducting Bio 2 office hours during the first half of the semester and Dr. de Bekker during the second half.
- **Contact Biology 2 Course/Lab Coordinator (Ms. Yeargain):**
  - If your question is about *procedures* (e.g., grading, your grade, exam times, online resources, text book availability etc.), e-mail Ms. Yeargain. Contact Ms. Yeargain about lab *only* if your individual lab GTA has not responded to your inquiry within a reasonable amount of time.
- **Contact Graduate Teaching Assistant:**
  - If your question is about the lab, including grading, e-mail your GTA or see him/her during their office hours.

#### Communication Rules:

##### Office hours:

- Office hours are entirely walk-in and individual appointments are NOT available during the regular times.
- Any meeting *outside* of regular office hours must be scheduled in advance with the instructors through email.

##### Emails:

- **Email and Webcourses Messages are the only acceptable method of routine communication.**
- *Only* e-mails from your UCF's Knightsmail account or messages through Webcourses will receive replies, without exception.
  - Do NOT leave phone messages on our office phones as they will not be returned.
  - Do NOT leave phone or written messages in the Biology Department Office.
- All attempts will be made to answer emails within 48 hours. If you do not receive a response after 48 hours, please re-send. We experience a very high volume of emails and occasionally some will slip through unread.
- Emails must be written in a professional manner with proper grammar.
- State in the subject line a brief description of the inquiry (e.g. Question about Exam 2 content).
- State that you are a **Biology 2 student** and include your **course section # or lecture time and sign off your email with your full name and UCF ID# or NID**. Emails that do not include this information will NOT be answered.

- **Redundant e-mails:** We will NOT reply to messages requesting information that is available on this syllabus, has been posted as an announcement in Webcourses or made during class or that can be resolved by common sense and/or using standard public or UCF information services.
- Keep in mind, Florida has a very broad open records law (F.S. 119). Emails between faculty and students may be subject to public disclosure.

#### **Webcourse Announcements:**

- Check Webcourses' Announcements regularly and/or adjust your Webcourses' settings to allow notification emails of Webcourses' Announcements. We will try not to overload students with unnecessary messages. Knowing the important information released in these announcements will be the student's responsibility.

#### **Webcourse Discussion Boards:**

- Students are able to post any course questions or concerns to peers within Webcourses' Discussions.
- Please be aware that instructors, Ms. Yeargain and the TA's do not routinely monitor these boards. If you have a question specifically for us or do not get a peer response, please email the appropriate person directly.

#### **Classroom Announcements:**

- Important announcements will often be given at the beginning of lecture.
- It is the student's responsibility to be present for these announcements.
- If you miss lecture, do NOT email the instructor to find out what you missed, ask a fellow student instead.

#### **Important Information for Financial Aid Students:**

- Faculty members are required to document students' academic activity at the beginning of each course for proper distribution of financial aid.
- To document that you began this course, complete the following Academic Activity by the end of the first week of classes, or as soon as possible after adding the course. Failure to do so will result in a delay in the disbursement of your financial aid.

#### **ACADEMIC ACTIVITY: Syllabus Quiz**

- Please access Webcourses and complete the 10 question Syllabus Quiz under the Quiz section.
- The due date for the quiz is **Friday, January 12, 2018 at 5:00 PM** but it will remain open the entire semester.
- The academic activity assignment is vital for financial aid students, but EVERY student will receive **one bonus point on Exam 1** for completing the Syllabus Quiz.
- The score you receive on this syllabus quiz will NOT affect your course grade but read the syllabus and try your best to answer the questions.

#### **ACTIVE LEARNING INCENTIVE:**

- To facilitate more effective learning and help students better prepare for the Lecture Exams we ask of students to come to the lectures prepared. This means students have read the assigned Chapter for that day's lecture BEFORE coming to class and have done the assigned Dynamic Study Models BEFORE coming to class.
- The score you receive on the Dynamic Study Models will NOT affect your course grade but read the textbook and try your best to answer the questions.
- If you consistently do the Dynamic Study Models before attending the corresponding lectures, you will receive **one bonus point on the Exam about those lectures:**
  - Exam 1: 4 out of 5 corresponding Dynamic Study Models finished on time = 1 bonus point
  - Exam 2: 8 out of 9 corresponding Dynamic Study Models finished on time = 1 bonus point
  - Exam 3: 6 out of 7 corresponding Dynamic Study Models finished on time = 1 bonus point
  - Exam 4: 10 out of 11 corresponding Dynamic Study Models finished on time = 1 bonus point

#### **LEARNING CATALYTICS**

- During the lectures discussing Themes 1 and 2 (Evolution and Biodiversity), we will be using Learning Catalytics to ask you questions regarding the material discussed. This will help you assess if you understand the content.
- Please, make sure you are able to participate by following the Learning Catalytics instructions posted on Webcourses.
- The way you answer Learning Catalytics questions will NOT affect your course grade. These questions are merely put in place to help you verify if you understand the content, promote active learning and motivate you to pay attention while in class. For your own learning experience: think about the questions and try your best.

- It is your own responsibility to make sure you can actively answer questions during the lectures and, therefore, show up for class with a working, charged, WiFi-enabled device.
- When taken seriously, these activities will help you understand and retain the information given during lectures and improve your chances of doing well on the Exam.

**LABORATORY:**

- There is a REQUIRED face to face laboratory component to BSC 2011. You must attend lab on the day and time you are enrolled on your class schedule.
- All detailed information concerning the laboratory will be covered in the separate laboratory syllabus found in Webcourses.
- Please direct all lab related questions and grading to Ms. Yeargain or your GTA. Drs. de Bekker and Crampton can NOT answer lab content or lab logistic questions.

**GRADING:**

- You will receive one final course grade for BSC 2011 that combines your lecture and laboratory grades at the end of the semester.

**Course Grade Breakdown:**

		Total
<b>Laboratory</b>	25%	=25%
<b>4 Lecture Exams</b>	15% each	=60%
<b>10 Webcourses Quizzes</b>	15%	=15%
		<hr/> 100%

- At the end of the semester, your score for each of the above components will be added together and converted to a final course percentage.
- Your final course grade will be awarded using the following scale:
  - A = 90-100%
  - B = 80-89%
  - C = 70-79%
  - D = 60-69%
  - F = 59% and below
- There will be NO automatic additional curving of grades and no “extra credit” or “bonus” points awarded besides the ones earned through the Active Learning Incentive above.
- Final semester grades will NOT be rounded up. (e.g. An 89.9% will be a “B”). This is a definitive cut off and NO grades will be altered unless there is a documented error in the grade calculation that would change a student’s course letter grade.
- Students are responsible for keeping track of their own grades and identifying issues within 2 weeks of any posted grade.
  - Grades will be posted in Webcourses but are NOT to be considered official grades.
  - No grades will be given over the phone or by email according to Federal law (FERPA regulations).
- **Withdrawal Deadline: Wednesday, March 21, 2018 at 11:59 PM**
  - Please refer to the Undergraduate Catalog for detailed information about the implications of the withdrawal date.
  - Students must initiate withdrawal themselves. Instructors will NOT automatically withdraw any student from the course. Late and medical withdrawals and Incompletes are granted for only very compelling and documented reasons.
- **Grade Forgiveness Deadline: Wednesday, March 21, 2018 at 11:59 PM**
  - If you are re-taking this course, you must apply through MyUCF for grade forgiveness (it will NOT be automatically granted). Please refer to the Student Handbook for additional information about Grade Forgiveness.
- **Biology majors:** A grade of “C” or higher is required to advance in your Biology coursework. For other majors, please check with your major’s department for more information.

**Laboratory Grade Details (25%):**

- Please refer to the laboratory syllabus for all detailed information concerning the lab and lab grading.

### Lecture Exam Details (15% each):

- There will be four lecture exams given over lecture/textbook content.
- Exam 1 and 2 are based on the content from Dr. de Bekker's lectures, and Exam 3 and 4 will be on Dr. Crampton's content.
- Please, refer to the Lecture Schedule for planned Exam Dates and do NOT plan trips or other activities on these dates.
- Exam 4 will be given during the Final Exam period and will NOT be a cumulative exam.
  - 8:30-9:20 AM lecture: Wednesday, April 25, 2018: 7:00 AM-9:50 AM
  - 10:30-11:20 AM lecture: Monday, April 30, 2018: 10:00 AM-12:50 PM

**Important: No exam grades will be dropped** (i.e. all exam grades count toward your course grade).

### Taking Lecture Exams:

- Lecture exams will be given during your registered lecture section. You **MUST** take your lecture exams with your section (e.g. If you are registered for the 8:30-9:20 lecture, you must take your exam beginning at 8:30) unless a prior, documented approval is given by the instructors. Failure to take an exam in the correct section will result in a 0 for the exam.
- All exams will use machine scored scantrons.
- **Scantron Policy:** You are required to supply scantrons prior to your exams.
  - **Four (4) scantrons with no markings** on them **MUST** be given to your lab teaching assistant by **February 2, 2018** (i.e. by the day of Exam 1).
  - If no scantrons are submitted, your Exam 1 grade will be **reduced by 10%**.
- Exams 1-3 will begin promptly at the beginning of class and require the full 50 minutes. Exam 4 will occur at the scheduled time during finals week for your section.
- **Be on time for all exams!** A late student will be allowed access to the exam only at the discretion of the instructor. No extra time be allowed for late arrivals.
- Bring to every exam:
  - #2 pencil
  - Valid UCF Student ID
  - Know your UCF ID# (PID)
- Lavatory use during an exam requires the escort of a teaching assistant if available.
- Once you begin an exam, you are not entitled to take a make-up exam if you stop for any reason.
- Scantrons will NOT be automatically returned to students. Instead, each student may request an individual scantron report from Ms. Yeargain or the instructors after grades have been posted in Webcourses and an announcement has been made.
- Exams may be reviewed with Michele Yeargain and the appropriate instructor during their office hours after you obtain your scantron report.
- Each exam must be reviewed prior to the next exam's release date (e.g. You may review Exam 1 only during the time between when Exam 1's grades are released and before Exam 2's review period.).
- If a student takes a lecture exam but sees a "-1" in the Webcourses grade column for that exam, it is the student's responsibility to meet with Ms. Yeargain in person to remedy the situation which most likely was a failure on the student's part to encode the correct ID# or test version.

### Make-Up Exams:

- For known conflicts ahead of time, you must contact Ms. Yeargain or the appropriate instructor to arrange for a make-up exam prior to the exam.
- For emergencies on the day of the exam, you must email Ms. Yeargain or the appropriate instructor **within 24 hours** of the exam date and provide written documentation as soon as possible.
  - Valid excuses must be from an appropriate authority (doctor, police, judge, UCF sporting event, military supervisor, etc.) and on letterhead with original signature and date.
  - Excuses from relatives (including relatives who are doctors, dentists, attorneys, etc.) are NOT accepted.
- **Important: Job or other work-related absences will NOT be considered a valid excuse for missing an exam.**
- The absence must have been caused by a valid emergency or circumstance as determined by the instructors including but not limited to: major illness, serious family emergency, jury duty, military obligation, observance of a religious holiday, etc. in order to warrant a makeup exam.
- If approved, make-up exams will be scheduled within one week of the exam date.

- Make-up exams will be held in the Biology Testing Center. Other makeup times will be considered on a case by case basis.
  - Wednesday: 9:30 AM – 12 PM in BIO 211
  - Thursday: 1:00 – 3:30 PM in BIO 211
- Undocumented or unapproved absences will NOT be considered for a makeup exam. Students will receive a score of zero for an unexcused missed exam.

#### Online Quizzes (15%):

- There will be ten (10) online quizzes given through Webcourses, one per week except for the first week of the semester and any week an exam is being given.
- Each quiz will consist of 10 multiple choice questions based on course 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 student for one week, opening at **8:00 AM on Mondays** and closing at **11:59 PM on Sundays**.
- **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 seen in Webcourses.

#### CLASSROOM CONDUCT:

- All students enrolled in this course agree to abide by the UCF Golden Rule
- This is a very large class with inherent challenges due to its size. For the best learning environment for everyone, please:
  - Arrive and depart on time and stay for the ENTIRE lecture period.
  - No talking during class.
  - Place cell phones on vibrate.
  - Cell phones and electronic devices must be turned off and put away during lecture exams.
  - Laptop use is allowed for course related use only. The instructors reserve the right to ban ALL laptop use if students do not abide by this rule.
  - Tape recording of lectures is permitted.
  - Abusive/Offensive behavior will not be tolerated in lecture, during laboratories, and during office hours. Abusive/Offensive language in email communications will not be tolerated either. Instructors, Ms. Yeargain, teaching assistants and fellow students all need to be treated with respect.
  - This is an open, tolerant, judgement-free learning environment.
  - Disruptive behavior will not be tolerated; offenders will be removed from the lecture hall.

#### CLASSROOM SAFETY:

- Please be aware of the closest exit to your seat.
- Pay attention to those around you and any suspicious behavior.
- Notify the instructor immediately if you need help or see another student in distress.
- If the siren sounds, please try to remain quiet and calm so that we can hear the instructions.
- Please call 911 or UCF Police (407-823-5555) if there is an immediate threat and inform them we are in the Classroom Building 1 (CB1), Room 121 for the 8:30 lecture and Visual Arts Building (VAB), Room 0132 for the 10:30 lecture on UCF's campus.

#### ACADEMIC INTEGRITY:

- Cheating on lecture exams, lab assignments, online quizzes, Dynamic Study Models assignments, Learning Catalytics questions or any other aspect of this course will not be tolerated.
- Cheating/Integrity issues includes but are not limited to:
  - Copying from another student's exam
  - Signing in for another student for an exam
  - Falsifying information such as notes related to absences
  - Completing another student's laboratory and/or lab quiz for them

- Completing another student's online quiz for them
- Completing another student's Dynamic Study Models assignments for them
- Answering Learning Catalytics questions for another student
- Posting answers to exams or other assessments to online shared resources
- Use or display of any electronic device during an exam
- Any form of written information accessible by or in possession of a student during an exam
- Disruptive/Abusive conduct
  - Aggressive behavior, stalking, harassment, bullying, etc.
  - Refusal to comply with course syllabus
- **Course/University Sanctions:**
  - Cheating during an exam:
    - *First offense:* Immediate removal from the lecture hall and a zero grade on the exam.
    - *Second offense:* Immediate removal from the lecture hall and referral to Department of Biology Conduct Committee and/or UCF Office of Student Rights and Responsibilities.
  - For cheating that involves the active participation of 2 or more students (e.g. Knowingly allowing another student to copy from your exam), all parties involved will face possible disciplinary action.
  - Penalties for cheating can include:
    - Reduction in points for the exam/assignment
    - A zero (failing) grade on an assignment
    - Letter grade of "F" for the course
    - Suspension or expulsion from the university
    - A "Z Designation" on a student's official transcript indicating academic dishonesty. For more information about the Z Designation, see <http://z.ucf.edu/>

#### **ACCOMODATIONS:**

UCF is committed to providing reasonable accommodations for all persons with disabilities.

- This syllabus is available in alternate formats upon request.
- Students with disabilities who need accommodations in this course must contact the instructors or Ms. Yeargain at the beginning of the semester to discuss needed accommodations. No accommodations will be provided until the student has made this request.
- Students who need accommodations must be registered with Student Accessibility Services (SAS), Student Resource Center Room 132, phone (407) 823-2371, TTY/TDD only phone (407) 823-2116, before requesting accommodations from the professor.

#### **ACADEMIC HELP:**

- Tutoring and Supplemental Instruction (SI) sessions are available through the Student Academic Resource Center (SARC).
- For more information on services provided by SARC, please visit their website at:
  - [www.sarc.sdes.ucf.edu](http://www.sarc.sdes.ucf.edu)
  - SARC is located in Room 113 in Howard Phillips Hall.
- **The instructors, Ms. Yeargain, and the graduate teaching assistants are always available to answer your content questions.**
- **Please ask for help if you need it and do not wait until it is too late!**