

Fall 2015

BIOS 1083

Lura Williamson
University of New Orleans

Follow this and additional works at: <https://scholarworks.uno.edu/syllabi>

This is an older syllabus and should not be used as a substitute for the syllabus for a current semester course.

Recommended Citation

Williamson, Lura, "BIOS 1083" (2015). *University of New Orleans Syllabi*. Paper 99.
<https://scholarworks.uno.edu/syllabi/99>

This Syllabus is brought to you for free and open access by ScholarWorks@UNO. It has been accepted for inclusion in University of New Orleans Syllabi by an authorized administrator of ScholarWorks@UNO. For more information, please contact scholarworks@uno.edu.



THE HEARTBEAT *of*
the CRESCENT CITY

Bios 1083, Fall 2015 Syllabus

Meeting Time and Place: MWF 9:00-9:50 in MH 165

Dr. Lura Williamson: Office: Bio Sci 212; lawillia@uno.edu; Ph: 280-7037

Office Hours: Tue/Thu 8-11:00; M, W and F 10-12; or by appointment.

Required Lecture Text: *Biology by Campbell and Reese, 10th edition.* You can order the ebook with Mastering Biology. **Mastering Biology Course ID Code: MBWilliamson17495**

Week of:			Read Concepts:
Aug 19	Chapter 1	Exploring Life:	1.1 and 1.3
Aug 24	Chapters 2/3	Chemistry of life Basics	2.2, 2.3, 2.4, 3.1-3.3
Aug 31	Chapter 5	Macromolecules	Complete Chapter
	Chapter 6	The Cell	Complete Chapter
Sept 7	Labor Day Holiday-no class		
Sept 9	Chapter 6	The Cell cont	
	Chapter 7	Membranes	Complete Chapter
Sept 14	Chapter 8	Metabolism	8.1,8.3 and 8.4
Sept 18	Exam 1 Chapters 1,2,3,5,6,7,8		
Sept 21	Chapter 9	Cell Respiration	Complete Chapter
	Chapter 10	Photosynthesis	10.2 thru 10.4
Sept 28	Chapter 12	Cell Cycle	Read Chapter
	Chapters 13	Meiosis	13.1 thru13.3
Oct 5	Chapters 14/15	Genetics	14.1-14.4,15.2-15.4
Oct 12	Chapter 16	Molec Basis of Inheritance	Complete Chapter
	Chapter 17	From Gene-Protein (Exam3)	Complete Chapter
October 14	Last Date to Drop a Class and Receive a W.		
Oct 15/16	Fall Break-No Classes		
Oct 19	Exam 2-Chapters 9,10,12,13,14,15,16		
Oct 21	Chapter 18	Regulation of Genes	18.2, 18.4
Oct 26	Chapter 19	Viruses	19.2, 19.3
	Chapter 20	Biotechnology	20.1, 20.3, 20.4
Application of Cell and Molecular Mechanisms			
Nov 2	Chapter 43	Immune System (Exam 3)	43.1-43.4
Nov 9	Exam 3-Chapters 17,18,19,20,43		
	Chapter 45	Endocrine System (Exam 4)	45.1- 45.4
Nov 11	Chapter 11	Cell Commun.	Figs. 11.1 thru 11.3
Nov 13	Chapter 46	Reproduction	
Nov 16	Chapter 48	Neurons and Synapses	48.1,48.3, 48.4
	Chapter 49	Nervous System Cont	49.1-49.4
Nov 23	Chapter 50	Motor Mechanisms	
Nov 26/27	Thanksgiving Break		
Nov 30	Chapter 50	Sensory Receptors	50.1 thru 50.3
Dec 4	Exam 4 (Chapters 45 (11), 46, 48, 49, 50)		
Dec 9	(7:30-9:30) Optional Final Exam (Comprehensive)		

Grades: Each exam counts 100 pts, (80 pts MC, 20 pts written), which is worth 20% of your grade. **Mastering Biology Homework 100 pts (20%)** Your grade is based on the total points you earn from **4 exams and Homework, which is out of 500 total pts.** I will drop your 2 lowest homework grades.

Course Policies:

1. Attendance in this course is **mandatory** and you will be asked to sign into class. **iClicker 2 will need to be purchased for this class. You can purchase them at the UNO bookstore. The clickers will be used for attendance, participation, and for pop quizzes. It is your responsibility to bring your iclicker to class.**
2. There are **NO make-up exams unless you have valid documentation for missing the exam**, for this course. If you miss an hour exam, you **must take the final exam** to replace that grade. Students missing two hour exams must drop the course. Students completing the four hour exams may take the final exam to substitute for their lowest hour exam score. In that instance, the highest four out of five exam scores will be used. Students may not exit and re-enter the room after an exam has started. Students entering an exam late will not be allowed extra time.
3. Cheating will be considered an extremely serious offense that will result in disciplinary action. Cheating includes taking answers from another person or source, or allowing another to take answers from you.
4. It is University policy, on a flexible and individualized basis, to make reasonable accommodations to students have disabilities that may affect their ability to participate in course activities, or to meet course requirements. For information, contact The Coordinator of Disabled Student Services, 280-6222
5. Students must have Internet access to www.uno.edu for the Moodle portion of BIOS 1083. I will post study guides and Mastering Biology Homework assignments on Moodle after each chapter. All communications, including the posting of grades, will be done through Moodle. Students are responsible for all email communications from the Instructor to their UNO email. All course handouts will be placed on Moodle. Students will need to have an assigned user ID and password to enter Moodle. These can be assigned by visiting the Help Desk on the first floor of the Computer Center (CC Building).
6. All ring tones or sounds from cell phones are prohibited.

Student Learning Goals:

1. Master all scientific terms and concepts, and their correct usage, spelling and application to the level of detail presented in class.
2. Explain the steps of all scientific processes or models presented to the class in the form of text figures or in-class diagrams. You must be able to draw and label these figures and diagrams from memory.
3. Improve your use of skills such as observing, classifying, organizing, inferring and making predictions, as well as increase your higher-order thinking skills and problem-solving skills, such as interpreting data in graphical and table format and predicting the validity of hypotheses.
4. Relate information from one chapter to another without being told to do so.
5. Increase awareness as to how biological knowledge can affect their understanding of medical, health, societal and environmental issues.

BIOLOGY LEARNING CENTER is located in Sci 2105



Important Dates*

Last day to adjust schedule w/out fee.....	08/18/2015
Semester Classes Begin	08/19/2015
Last day to adjust schedule w/fee, or withdraw with 100% refund	08/25/2015
Last day to apply for December commencement	09/25/2015
Final day to drop a course or resign	10/14/2015
Mid-semester examinations.....	10/05-10/09/2015
Final examinations	12/07-12/11/2015
Commencement.....	12/18/2015

*Note: check Registrar's website for Saturday and A/B sessions, and for items not listed here: <http://www.registrar.uno.edu>

Fall Semester Holidays

Labor Day	09/07/2015
Mid-semester break	10/15-10/16/2015
Thanksgiving.....	11/26-11/27/2015

Withdrawal Policy – Undergraduate only

Students are responsible for initiating action to resign from the University (withdraw from all courses) or from a course on or before dates indicated in the current Important dates calendar. Students who fail to resign by the published final date for such action will be retained on the class rolls even though they may be absent for the remainder of the semester and be graded as if they were in attendance. Failure to attend classes does not constitute a resignation. Check the dates on the Registrar's website, <http://www.registrar.uno.edu>. Please consult The Bulletin for charges associated with dropping and adding courses.

Incomplete Policy – Undergraduate only

The grade of I means *incomplete* and is given for work of passing quality but which, because of circumstances beyond the student's control, is not complete. The issuance of the grade of I is at the discretion of the faculty member teaching the course. For all graduate and undergraduate students, a grade of I becomes a grade of F if it is not converted before the deadline for adding courses for credit (as printed in the Important Dates Calendar) of the next regular semester including summer semester.

Repeat Policy

When a student is permitted to repeat a course for credit, the last grade earned shall be the one which determines course acceptability for degree credit. A student who has earned a C or better in a course may not repeat that course unless, (1) the catalog description indicates that the course may be repeated for credit, or (2) the student's Dean gives prior approval for documented extenuating circumstances.

Graduate Policies

Graduate policies often vary from undergraduate policies. To view the applicable policies for graduate students, see the Graduate Student Handbook: <http://www.uno.edu/grad/documents/GraduateStudentHandbook2014.pdf>

Academic Dishonesty Policy

<http://www.uno.edu/student-affairs-enrollment-management/documents/academic-dishonesty-policy-rev2014.pdf>

Safety Awareness Facts and Education

Title IX makes it clear that violence and harassment based on sex and gender is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find the appropriate resources here:

<http://www.uno.edu/student-affairs-enrollment-management/>

UNO Counseling Services and UNO Cares

UNO offers care and support for students in any type of distress. Counseling Services assist students in addressing mental health concerns through assessment, short-term counseling, and career testing and counseling. Find out more at <http://www.uno.edu/counseling-services/>. First-year students often have unique concerns, and UNO Cares is designed to address those students succeed. Contact UNO Cares through <http://www.uno.edu/fye/uno-cares.aspx>.

Emergency Procedures

Sign up for emergency notifications via text and/or email at E2Campus Notification: <http://www.uno.edu/ehso/emergency-communications/index.aspx>. All emergency and safety procedures are explained at the Emergency Health and Safety Office: <http://www.uno.edu/ehso/>.

Diversity at UNO

As the most diverse public university in the state, UNO maintains a Diversity Affairs division to support the university's efforts towards creating an environment of healthy respect, tolerance, and appreciation for the people from all walks of life, and the expression of intellectual point of view and personal lifestyle. The Office of Diversity Affairs promotes these values through a wide range of programming and activities. <http://diversity.uno.edu/index.cfm>

Learning and Support Services

Help is within reach in the form of learning support services, including tutoring in writing and math and other supplemental instruction. Visit the Learning Resource Center in LA 334, or learn more at <http://www.uno.edu/lrc/>.

Affirmative Action and Equal Opportunity

UNO is an equal opportunity employer. The Human Resource Management department has more information on UNO's compliance with federal and state regulations regarding EEOC in its Policies and Resources website: <http://www.uno.edu/human-resource-management/policies.aspx>

Academic Integrity

Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. Refer to the Student Code of Conduct for further information. The Code is available online at <http://www.studentaffairs.uno.edu>.

Accommodations

It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students with disabilities should contact the Office of Disability Services as well as their instructors to discuss their individual needs for accommodations. For more information, please go to <http://www.ods.uno.edu>.