

Lecture & Exam Schedule – 2107H -- Darvill and Burke -- Fall Semester 2017

Aug	TU	15	Darvill/Burke	Introduction
	TH	17	Darvill	Macromolecules
	TU	22	Darvill	Macromolecules/Metabolism
	TH	24	Darvill	Metabolism
	TU	29	Darvill	Cells
	TH	31	Darvill	Membranes
Sept	TU	5	Darvill	Membranes
	TH	7	Darvill	Exam 1
	TU	12	Darvill	Respiration
	TH	14	Darvill	Respiration
	TU	19	Darvill	Respiration/Photosynthesis
	TH	21	Darvill	Photosynthesis
	TU	26	Darvill	Photosynthesis
	TH	28	Darvill	Cell communication
Oct	TU	3	Darvill	Cell communication
	TH	5	Darvill	Exam 2
	TU	10	Burke	Evolution: Darwin and his times
	TH	12	Burke	Classical Genetics: Mendel and his times
	TU	17	Burke	Cell Cycle; Mitosis, Meiosis
	TH	19		Withdrawal Deadline
	TH	19	Burke	Meiosis; Chromosomal basis of heredity
	TU	24	Burke	Heredity; Genetic linkage
	TH	26	Burke	Linkage and problem solving
	F	27		Fall Break
	TU	31	Burke	DNA and its replication
Nov	TH	2	Burke	Exam 3
	TU	7	Burke	Gene to protein
	TH	9	Burke	Prokaryotes
	TU	14	Burke	Eukaryotes
	TH	16	Burke	Development
	M-F	20-24		No class, Thanksgiving Break
	TU	28	Burke	Origin of species I
	TH	30	Burke	Origin of species II
Dec	TU	5		No Class [Friday classes held on this date]
	W	6		Reading Day
	TH	7	12:00-3:00 pm	Exam 4

COURSE INFORMATION -- BIOLOGY 2107H -- FALL 2017

Instructors: Alan Darvill 542-4411 Complex Carbohydrate Research Center
e-mail: adarvill@ccrc.uga.edu
John Burke 583-5511 4615/4617 Plant Sciences Building
e-mail: jmburke@uga.edu

Lectures: 11:00 AM to 12:15 PM, TU/TH, in Room 1501 Plant Sciences Building
You are expected to attend lectures regularly.
You are responsible for all announcements made in class.
You are responsible for all handouts given in class.

Biology Office:

Room 403, Biological Sciences (general information)
Office hours: 8:00 am - 5:00 pm
Phone: 542-1684

BioScience Learning Center (BLC): Room 406, Biological Sciences, 542-6351.

<http://www.biosciences.uga.edu/students/biosciences-learning-center>

Mon-Thr: 8:30 AM to 7:00 PM Fri: 8:30 AM to 5:00 PM

The BLC is a full service computer lab and has a variety of lab and lecture course materials that you will find helpful. The BLC has computers and printers for your use, study tables, and a reference library containing textbooks, lab manuals, and MCAT, GRE, GMAT, internship and scholarship information.

Texts: **Course text:** *Campbell Biology*, Urry • Cain • Wasserman • Minorsky • Reece, 11th edition, 2017, Pearson, NY

Purchase options: eText with Mastering Biology (ISBN 9780134446523)
Loose-leaf option with Mastering Biology (ISBN 9780134454665)
Hardbound option with Mastering Biology (ISBN 9780134082318)

Laboratory manual: *Biology 1107L/2107L: Principals of Biology I Laboratory Manual*, 3rd edition. This is an online lab manual and is available at <https://www.bluedoorpublishing.com/bluedoorlabs> (link is also in eLC) and may be purchased directly through the publisher. You may also purchase an access code from the University Bookstore. When accessed via eLC, you will be asked to register (you will need to know your lab course CRN number). After your initial sign-on, the link will be active so your log-in to eLC will allow you to access the lab manual without signing in again.

Purchase options:

online purchase via Bluedoor - ISBN 978-1-68135-530-6

to purchase access cards at the UGA bookstore - 978-1-68135-529-0

Top-perforated 50 set carbonless notebook: This or its equivalent may be purchased at the campus bookstore and possibly at off-campus bookstores. It is acceptable to use carbonless notebook from another course that still has paper in it.

Lab Coordinator: Kimberly Brown, 349 Science Learning Center

Phone: 542-1680, e-mail brownkim@uga.edu

Laboratory: Starts the week of **August 14, 2017**

Participation in this course requires concurrent enrollment in both 2107 (lecture) and 2107L (lab) classes. Students who do not enroll in both the lecture and the lab classes or who drop either the lecture or the lab during the drop/add period without permission from the Instructor or the Biology Division will be administratively dropped from the other course as well. Students who withdraw from the course after the drop/add period will be assigned a WP or WF based on completed assignments and class participation up to the time of withdrawal.

You are required to read assigned exercises in the lab manual and any others given to you by your teaching assistant **in preparation for lab**. The lab course will use eLC (<https://uga.view.usg.edu/>) for course management.

Your graduate laboratory assistant instructor (GLA) will be **Angelo Peralta** (angelo.peralta@uga.edu), **Jason Marcero** (jmarcero@uga.edu), or **Jonathon Walsh** (jdwalsh@uga.edu).

BIOL 2107L is a Writing Intensive Lab Course. It closely follows the guidelines established by the University of Georgia's Writing Intensive Program (WIP). Our goal in following these guidelines is to help you become better writers in your academic field of science, as writing and thinking are parallel cognitive (learning) processes. Writing engages individuals in the information being studied and therefore results in better retention of this subject material.

Safety rule - Your waist to your toes must be completely covered or you will be asked to leave lab and accrue an absence. Lab coats and goggles will be provided.

Lecture Teaching Assistant:

The lecture teaching assistant, **Angelo Peralta**, is assigned to the course to help in grading exams. Angelo will also review material with you and answer questions.
e-mail: angelo.peralta@uga.edu

Other Useful Contacts:

Tutorial Services 542-7575 Academic Assistance Center 542-8455

GRADING

Points Available for Lecture:

Exam 1	100	TH	07 Sep 2017	First 6 lectures
Exam 2	100	TH	05 Oct 2017	Next 7 lectures
Exam 3	100	TH	02 Nov 2017	Next 7 lectures
Exam 4	100	TH	07 Dec 2017	Last 6 lectures
Total	400			

Points Required for Letter Grades:

A	90% - 100%
B	80% - 89%
C	70% - 79%
D	60% - 69%

Types of Exam Question:

Exams will be short and medium length answers, not multiple choice.

Some of the questions on each exam will be challenging; as a science major you should learn to think about the material, not just memorize it.

You might look at Dr. Darley's study guide for Introductory Biology courses (eLC).

Bring IDs to Exams:

Bring your ID cards! IDs will be checked at each exam.

Make Up Exams:

You may arrange ahead of time to take a makeup exam, provided that you have an acceptable reason (emergency or bereavement) for missing the regularly scheduled exam time.

No makeup exams will be arranged after the normal time for an exam has passed, except for emergencies.

Mistakes in Grading:

If we make a mistake regarding the grading, please do not be afraid to bring it to our attention; however, asking for additional points on a question will also give the instructors the option of regrading the entire exam.

The cutoff date for corrections to an exam will be one week after the graded exam is returned to the class.

Cheating:

Cheating is not permitted. This includes lecture and lab, and covers homework as well as in class or in lab work. Seating at exams will be controlled, and other steps will be taken as necessary to discourage cheating. Unauthorized collaborating in writing lab reports also constitutes a violation of UGA's honor code. See the honor code on line at

<http://www.uga.edu/honesty/>

Withdrawals: Withdrawals with a grade of **WP** may be made through October 19, 2017