

**General Biology 102
Course Policies and Operations
Spring 2009**

General Biology 102 investigates concepts and applications in cell biology, genetics, and evolution. The elements of the course include:

1. *Lecture*: two 80-min lectures per week; all sections meet in Boyden 100.
2. *Discussion section*: One 80-minute meeting, approximately every other week, in Boyden 223. Discussions for *all* sections begin Tuesday, January 21 in Boyden 223 (odd) or Boyden 220 (even).
3. *Laboratory*: Five 4-hour labs, one every two weeks, in the Biology Learning Center (Boyden 220). Lab #1 begins on Monday, January 27, for students in *even* numbered discussion sections.
4. *Website* is <http://newarkbioweb.rutgers.edu/genbio102>

Required materials

1. Textbook: *Biology: Concepts & Connections* (Sixth edition) by Campbell et al.
2. *Laboratory Investigations for Biology 102* by D.W. Morrison.
3. Biology lab kit (only if you did *not* already buy one for Biology 101)

Lecture

The lecture portion of General Biology 102 will be team-taught by three professors. Each professor will deliver the same lectures to all three lecture sections, followed by **a single, course-wide examination.**

Lecture sections:	Section 81	Mon & Thurs 1:00 - 2:20 PM
	Section 82	Tues & Thurs 10:00 - 11:20 AM
	Section 83	Wed & Fri 11:30 AM - 12:50 PM
	Section 84	Mon & Thurs 8:30 – 9:50 AM

Lecturers:	Dr. John Maiello (Part 1: Cell Biology) jmaiello@andromeda.rutgers.edu Prof. Gloria Frischmann (Part 2: Genetics) frischmann@andromeda.rutgers.edu Dr. Douglas Morrison (Part 3: Evolution) dmorrison@andromeda.rutgers.edu Dr. Beth Hotaling (All of lecture section 84) hotaling@andromeda.rutgers.edu
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Lecture exams:	Exam I on Friday, February 20, at 2:30 PM Exam II on Friday, April 3, at 2:30 PM. Exam III on Thursday, May 7, at 3:00 PM.
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IF YOU WILL BE UNABLE TO TAKE THE LECTURE EXAMS ON THE DATES SHOWN ABOVE, PRINT OFF AND FILL OUT THE EXAM CONFLICT FORM found on the Gen Bio website.

Discussion sections

For 80 minutes approximately every other week, you and 19 other students will meet with an instructor in Boyden 223 to discuss topics of current interest in biology. Questions about last week's or next week's lab will be addressed during the last 10-15 minutes of the discussion class period.

All discussion sections (except Monday sections) meet during the first week of classes, January 20-23. After that, odd and even numbered discussions will meet during alternate weeks. *Odd* numbered discussion sections (1, 3, 5...) will meet the week of January Jan 26-30; even numbered discussion sections will meet the following week (Feb 2-6), and so on. Monday discussions with even numbers won't meet until Feb 9! Please refer to the schedule of lectures, discussions, and laboratories distributed in lecture and also available on the website.

Your discussion leader will write your lab midterm and lab final exams, grade your lab reports, and calculate your final grade in the course.

Discussion Readings

The readings for the five discussion topics will be available on the General Biology website. You should read these and write a one-page paper about your "reaction" to the ideas expressed in the article. Do not just summarize the article; instead, react to it in a way it is clear you read it! Hand in the paper to your discussion leader at the start of discussion.

Laboratory

The laboratory is "self-paced" and meets in the **Biology Learning Center (Boyden 220)**. The BLC holds 60 students and is open **36 hours/week (Mon through Thurs 8:30 AM - 5:30 PM)** with 2-3 teaching assistants on duty at all times. There are five labs, one every two weeks. Each lab takes about 4 hours to complete. Students in discussion sections with **even** numbers do the lab during the first week it is available ("even" weeks); students in **odd** discussion sections do the lab during the second week ("odd" weeks). This order is *reversed* after spring break.

Students are admitted to the Biology Learning Center on a first-come-first-served basis. **During "even" weeks, only students from even numbered discussion sections will be admitted to the lab. During "odd" weeks" access will be given only to students from odd numbered discussion sections.** To avoid waiting lines, try to begin each minicourse on Monday or Tuesday of the week it is available to you. You may want to work on the lab is during the period you are scheduled for a discussion which is not meeting that week. However, the labs require more than 1.5 hours to complete. **YOU MUST SET ASIDE TIME IN YOUR SCHOOL AND WORK SCHEDULE TO DO THESE FIVE LABS**, even though the times are not set by the registrar.

Several learning objectives for each lab are listed in the *Laboratory Investigations for Biology 102*. After you have finished the lab exercises, ask a learning center instructor to give you a "**TA-OK**", a brief (3-5 minute), oral quiz, to verify that you have understood the material.

Grading

300	Three exams based on lecture and textbook readings
80	Two 1-hour laboratory exams covering all objectives in the laboratory manual and the current topics discussed in your discussion section.
40	Five "TA-OK" check-points at the end of each lab
30	Two short lab reports concerning your experiments on membranes and on enzymes.
50	Participation in class discussion.

<i>Curve:</i>	A	450-500 points	C	350-374 points
	B+	425-449 points	D	300-349 points
	B	400-424 points	F	below 300 points
	C+	375-399 points		

Makeup Exams

Makeups for the first and second lecture exams and for the midterm lab exam will be available **ONLY** to students with schedule conflicts or medical problems **DOCUMENTED IN WRITING!** To document conflicts, you must complete a form (see GB 102 website) giving specifics, including the name and signature of the course professor or your employer.

Problems?

Be sure to ask for your discussion leader's office phone number and email address. You should be able to get the help you need from your discussion section leader, your lecturer, or a learning center instructor. If not, talk with:

Dr. Douglas Morrison
Director of General Biology
Boyden Hall 407
973-353-1268

Ms. Ellen Belisle
Biology Learning Center Supervisor
Boyden Hall 217
973-353-5108

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