

**Introductory Biology I
LECTURE SYLLABUS**

Week	Topic	Text Chapter *
May. 28	Introduction, Basic Chemistry	1,2
29	Basic Chemistry, Water, Carbon Chemistry	2, 3, 4
30	Macromolecules, Cell Organization	5, 6
June 3	Exam I , Membranes	7
4	Metabolism, Respiration	8, 9
5	Photosynthesis, Cell Cycle and Mitosis	10, 12
6	Meiosis, Heredity	13, 14
10	Exam II , Chromosomes & Heredity	15
11	DNA Structure & Function, Gene Expression	16, 17
12	Regulation of Gene Expression, Viruses	18, 19
13	Biotechnology, Genomes and Their Evolution	20, 21
17	Exam III , Darwinian Evolution,	22
18	Population Genetics, Speciation	23, 24
19	History of Life, Phylogeny & Systematics	25, 26
20	Prokaryotes, Protists	27, 28
24	Exam IV , Fungi	31
25	Plant Diversity, Plant Diversity II	29, 30
26	Presentations	
27	FINAL EXAM**	

Text *: Campbell and Reece. Biology. 2017. 11th ed. Pearson. San Francisco, CA- with mastering biology and learning catalytics

**Introductory Biology I class Information
BISC 1403,**

**Dr. Ribeiro Hurley
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Please turn off all cell phones before entering class!

I expect that you will attend all classes and that you will be on time! If you know that you are going to be absent from class please inform me beforehand so that I can provide you with the topics that will be covered. Absence does not excuse you from assignments (including quizzes) conducted on the day of your absence. Missing more than two classes will result in automatic failure. Therefore, you must not only attend class, but also you need to sign in. A similar attendance policy applies to the laboratory portion of the course (BISC 1413).

Biology is a time demanding subject, therefore I recommend that you come to class prepared, by reading the required chapters (Campbell and Reece. Biology. 2017. 11th ed. Pearson, NY) in advance. Reading the chapters ahead of time, will enhance your understanding of the material being covered in lecture and also it will allow you to participate in class discussions by asking and answering questions posed in lecture. To check for comprehension of the material covered in class you should try to answer the questions at the end of the chapter and in the mastering biology website. During the first few minutes of each class period I will review the material covered in the previous lecture and pose a few questions. Student participation in these sessions will be noted. You should expect to spend a minimum of two hours per hour of lecture doing the required reading as well as answering these questions. In addition, I will assign homework exercises from the mastering biology website for each of the chapters that we will cover in class.

The powerpoint presentations that I use during class will be posted online at the Blackboard website. If you have any questions on this material (or find a mistake) please let me know, I will be more than willing to answer the question.

Your final grade for this course will be based on exams, quizzes, homework assignments given throughout the semester as well as a presentation. The quizzes will usually be given at the beginning of class, take no more than 10 minutes, and will cover the material presented since the previous exam or quiz. Exams will take one hour and cover the material since the previous exam. I do not offer "extra credit" work to make up for low exam grades or missed quizzes. Missed exams and quizzes will be graded as zero. Each exam will be worth 20%, of the final grade, the combined quiz and homework average will account for 10 % of your final grade. The quizzes and final presentation will each be worth 5 % of your final grade. The lowest exam grade, the lowest quiz and the lowest HW grade will be dropped. The standard Fordham University grading scale will be used in grade attribution: A= 100-93%, A⁻=92-90%, B⁺= 89-87%, B= 86-83%, B⁻= 82-80%, C⁺= 79-77%, C= 76-73%, C⁻= 72-70% D= 69-60%, F= 59-0%. **Please memorize or bring your ID # to Quizzes and exams.**

Disability:

Under the Americans with Disabilities Act and Section 504 of the Vocational Rehabilitation Act of 1973, all students, with or without disabilities, are entitled to equal access to the programs and activities of Fordham University. If you believe that you have a disabling condition that may interfere with your ability to participate in the activities, coursework, or assessment of the object of this course, you may be entitled to accommodations. Please schedule an appointment to speak with someone at the Office of Disability Services (Rose Hill - O'Hare Hall, Lower Level, x0655 or at Lincoln Center – Room 207, x6282).

The Office of Disability Services (ODS), headed up by Carolyn Mooney (mooney@fordham.edu), works with students, faculty, and staff to ensure appropriate services for students with disabilities. Fordham University will make reasonable accommodations, and provide auxiliary aides and services to assist otherwise qualified students who self-identify as having a disability in achieving equal access to its programs, services, and facilities.

It is essential that students who ask for accommodations have registered with the Office of Disability Services. Until a student self-identifies as having a disability and presents an academic accommodation letter written by ODS on ODS letterhead, faculty should not provide any academic accommodations to that student.

ODS staff abides by specific confidentiality standards when working with students with disabilities, but they can and do answer many kinds of questions that faculty have regarding accommodations and ways to work with students with disabilities without breaching confidentiality. They look forward to your call!

If you have any questions do not hesitate to see me during my office hours or talk to me before or after class to set up an appointment.

Textbooks:

Lecture:

* Campbell and Reece. Biology. 2017. 11th ed. Pearson, N.Y. – This should include the mastering biology and learning catalytics kit for website access- **Required**