

BIOL 2311.001 SYLLABUS and CLASS SCHEDULE

Introduction to Modern Biology I (every Tues and Thur 11:30 – 12:45PM, CN 1.102)

Instructor: Dr. Uma Srikanth

Textbook: Foundations of Life – Chemistry, Cells, and Genetics, Ninth edition- Units 1, 2, and 3, by Raven and Johnson.

Topics covered in the different lectures and quiz syllabi are in the excel file under Syllabus on elearning.

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Office hours: FN 3.202; Thursday 10:00 – 11:00 AM or by appointment only

BIOLOGY 2311 Syllabus has been posted on eLearning. All lectures will be uploaded on eLearning as well.

BIOL 2111 consists of weekly workshops. These workshops will be conducted by teaching assistants and will consist of reviews and discussions of the material covered in BIOL 2311. **Quizzes will be given in the BIOLOGY 2311 class and not in the workshops. The quizzes will be administered on the days mentioned in the syllabus (at the end of the class lecture schedule).** Make-up quizzes and exams will not be given unless approved by the Instructor. The chapters that will be covered in each of these quizzes and exams are outlined in the syllabus. A total of 8 quizzes and four exams will be given. The average of 8 quiz scores will constitute **10% of the final grade** for BIOL 2311. The other **90% of the final grade** will be based on the **total score of all 4 exams** in BIOL 2311. No quizzes or exams will be dropped for the calculation of the final grade. All four of the exams equally contribute to 90% of your final grade. **Although letter grades may be provided after each exam, these should be treated only as a reflection of your performance. The final course grade will be based not on these individual letter grades, but on the raw scores of all four exams and the quizzes.**

Scoring on the exams is done by the Teaching Assistants, but the Instructor determines in advance what key points must be included in each answer to get full credit. The Instructor checks your scores after the TA has graded the exams, and assigns letter grades. **If you have any questions about the grading or your performance in an exam, please see the instructor during the office hours that will be posted after each exam.** The midterm grades and the final grades assigned in BIOL 2311 and BIOL 2111 will be the same.

Registration in BIOL 2311 requires registration in BIOL 2111 and vice versa. If you do decide to drop BIOL2311, please be sure to drop the workshop you were registered for as well.

Please be sure that you have registered in one of the following workshop sections if you are attending BIOL 2311 lectures by Dr. UMA SRIKANTH.

BIOL 2111-001

BIOL 2111-002

BIOL 2111-003

BIOL 2111-004 or

BIOL 2111-005

WORKSHOP TIMES AND ROOM NUMBERS:

WORKSHOP	TIME AND DAY	ROOM #	TA's name
BIOL 2111-001	Tue. 8:00-8:50 AM	FN 2.106	ITI MEHTA
BIOL 2111-002	Thur. 8:00-8:50 AM	FN 2.106	ANITA JACOB
BIOL 2111-003	Mon. 1:00 -1:50 PM	FO 3.222	SAMUEL SEE
BIOL 2111-004	Wed. 1:00-1:50 PM	FO 3.222	GABRIELLA NGUYEN
BIOL 2111-005	Fri. 1:00-1:50 PM	FO 3.222	FIZZA NAQVI

Workshops begin on Tuesday, Jan 22, 2013.

All announcements for this class will be posted on eLearning as well. Please be sure to check for these periodically.

BIOLOGY 2311 SPRING 2013

CLASS #	DATE	TOPICS	CHAPTERS
1	15-Jan	Introduction/Nature of molecules	Chapter 2
2	17-Jan	Nature of Molecules	Chapter 2
3	22-Jan	Chemical building blocks of life	Chapter 3
4	24-Jan	Cell Structure (QUIZ 1) Cell Structure and Cell	Chapter 4
5	29-Jan	Membranes	Chapters 4 and 5
6	31-Jan	Cell Membranes	Chapter 5
7	5-Feb	Energy (Quiz 2)	Chapters 6
8	7-Feb	Energy and Respiration	Chapters 6 and 7
9	12-Feb	Exam 1 (Chapters 2-5 and parts of 6)	
10	14-Feb	Respiration	Chapter 7
11	19-Feb	Respiration	Chapter 7
12	21-Feb	Photosynthesis (Quiz 3)	Chapter 8
13	26-Feb	Photosynthesis	Chapter 8
14	28-Feb	Cell-Cell communication	Chapter 9
15	5-Mar	Cell-Cell Communication (QUIZ 4)	Chapter 9
16	7-Mar	Cell cycle and division	Chapter 10
	MAR 11-15	SPRING BREAK HOLIDAY	
17	19-Mar	Exam 2 (Chapters 6-9)	
18	21-Mar	Cell cycle and division	Chapter 10
19	26-Mar	Meiosis	Chapter 11
20	28-Mar	Meiosis (QUIZ 5)	Chapter 11
21	2-Apr	Mendelian Inheritance	Chapter 12
22	4-Apr	Mendelian Inheritance (Quiz 6)	Chapter 12
23	9-Apr	EXAM 3 (Chapters 10,11, and 12)	
24	11-Apr	Chromosomes and Mapping	Chapter 13
26	16-Apr	DNA Replication	Chapter 14
27	18-Apr	DNA Replication Genes and How they work (Quiz	Chapter 14
28	23-Apr	7)	Chapters 15
29	25-Apr	Genes and How they work	Chapter 15
30	30-Apr	Control of Gene Expression	Chapter 16
31	2-May	Biotechnology (QUIZ 8)	Chapter 17
	7-May	FINAL EXAM at 11:00 AM	CN 1.102
		11:00 AM - 1:45 PM	
		(Chapters 13,14,15, parts of 16 and 17	

QUIZ DATES AND CHAPTER #s

24-Jan	QUIZ 1	CHAPTERS 2 and 3
5-Feb	QUIZ 2	CHAPTERS 4 and 5
21-Feb	QUIZ 3	CHAPTERS 6 and parts of 7
5-Mar	QUIZ 4	CHAPTERS parts of 7, 8 and parts of 9
28-Mar	QUIZ 5	CHAPTERS 10 and 11
4-Apr	QUIZ 6	CHAPTER 12 and parts of 11
23-Apr	QUIZ 7	CHAPTERS 13 and 14