

**PROBABILITY AND STATISTICS IN THE LIFE SCIENCES
SYLLABUS**

**AMS 110.01
SPRING 2011**

MEETING TIMES: MWF 11:45am-12:40pm

LOCATION: Light Engineering Lab 102

WEBPAGE/ BLACKBOARD: <http://www.ams.sunysb.edu/~sleong/ams110.html>

Course announcements, exam information, assignments, solutions, and grades will be posted regularly on Blackboard. Be sure to check it frequently. If you do not see the course on your Blackboard, please contact me.

INSTRUCTOR: Shirley Leong

OFFICE: Math Tower/Physics Building 2nd Floor/Level B 148 Room 5

OFFICE HOURS: Mondays: 1pm-2pm, Weds: 10:30am-11:30am

Email: sleong@ams.sunysb.edu

TA'S: TBA

TEXTBOOK

Statistics for the Life Sciences (3E) by Myra L. Samuels and Jeffrey A. Witmer, Prentice-Hall (2003)

Two copies are available on reserve at the Math/Physics/Astronomy Library (Level C of the Physics Building)

GRADES

Your grade will be based on the follow components:

HW = 10%, MIDTERM 1 = 15%, MIDTERM 2 = 20%, MIDTERM3 = 25%, FINAL = 30%

Final grades will be curved if necessary. Assignment and exam grades are posted on Blackboard as they become available.

My baseline grading scale:

>94 = A	80-83 = B-	67-69 = D+
90-93 = A-	77-79 = C+	64-66 = D
87-89 = B+	74-76 = C	50-63 = D-
84-86 = B	70-73 = C-	<50 = F

Regarding Incompletes: If there are reasons that you feel you should need an Incomplete towards the end of the semester, you must contact me at least two weeks before the final exam. Please be prepared to provide documentation (e.g. letter from academic advisor or a doctor) as to why you are requesting for an incomplete. Once you have taken the final exam, your grade will be final.

How to do well in this class: Do your hw's, come to lectures, read the book, OH's. ASK FOR HELP when you need it.

Last Chance Policy: 80+% or more on the final AND at least 70% on HW's and I'll pass you with a C.

THERE IS NO BONUS "MAKE-UP" WORK.

HOMEWORK

Homework is generally assigned on Blackboard every Monday and due the Wednesday of the following week. You must show ALL your work for full credit. Pages must be STAPLED; if pages are not stapled, only one page will be graded (which page, decided by TA). Illegible documents will not be graded. Late HW will not be accepted under ANY circumstances. The two lowest HW scores (by percentage correct) will be dropped from the final grade. Any issues regarding how a HW was graded should to be directed to the TA who graded it before contacting me. Problems with grading brought up after 1 week of the day a HW/Exam was first passed back to the class will NOT be addressed.

TENTATIVE EXAM SCHEDULE (locations to be announced)

Midterm 1: Lecture 12 - Fri, Feb 25 (11:45am - 12:40pm)

Midterm 2: Lecture 22 - Mon, Mar 21 (11:45am - 12:40pm)

Midterm 3: Lecture 33 - Fri, Apr 15 (11:45am - 12:40pm)

Final (cumulative): Wed, May 18 (2:15pm - 4:45pm)

EXAM POLICIES

All exams are closed book, closed notes. You are allowed one 3x5 inch index card of HAND WRITTEN notes and a SCIENTIFIC calculator (no graphing calculators, mini computers or cell phones). All work must be shown for full credit. Make-up exams will not be given, except in cases of medical emergencies, in which case a doctor's note specifying reason for missing an exam must be presented. In these cases, you must contact me at least 24 hours before the exam. Please bring a photo ID and blank Blue Book.

STUDENTS WITH DISABILITIES

If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Disability Support Services, ECC (Educational Communications Center) Building, room128, (631) 632-6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.

If you are authorized to have extra accommodations, please email me at least one week before an exam.

ACADEMIC INTEGRITY

Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management,

Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at <http://www.stonybrook.edu/uaa/academicjudiciary/>

CRITICAL INCIDENT MANAGEMENT

Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures.

I reserve the right to make changes as needed.

TENTATIVE SCHEDULE

WEEK	LECTURE	DATE - DAY	TOPIC	NOTES
1	1	01/31 - M	CH2	
	2	02/02 - W	CH2	
	3	02/04 - F	CH2	
2	4	02/07 - M	CH3	
	5	02/09 - W	CH3	HW1 DUE
	6	02/11 - F	CH3	
3	7	02/14 - M	CH3	
	8	02/16 - W	CH3	HW2 DUE
	9	02/18 - F	CH4	
4	10	02/21 - M	CH4	
	11	02/23 - W	REVIEW	HW3 DUE
	12	02/25 - F	MIDTERM1	
5	13	02/28 - M	CH4	
	14	03/02 - W	CH4	
	15	03/04 - F	CH4	
6	16	03/07 - M	CH5	
	17	03/09 - W	CH5	HW4 DUE
	18	03/11 - F	CH5	
7	19	03/14 - M	CH5	
	20	03/16 - W	CH5	HW5 DUE
	21	03/18 - F	REVIEW	
8	22	03/21 - M	MIDTERM2	
	23	03/23 - W	CH6	
	24	03/25 - F	CH6	
9	25	03/28 - M	CH6	
	26	03/30 - W	CH7	HW6 DUE
	27	04/01 - F	CH7	
10	28	04/04 - M	CH7	
	29	04/06 - W	CH7	HW7 DUE
	30	04/08 - F	CH7	
11	31	04/11 - M	CH7	
	32	04/13 - W	REVIEW	HW8 DUE
	33	04/15 - F	MIDTERM3	
12		04/18 - M	SPRING BREAK	NO CLASS
		04/20 - W	SPRING BREAK	NO CLASS
		04/22 - F	SPRING BREAK	NO CLASS
13	34	04/25 - M	CH9	
	35	04/27 - W	CH9	
	36	04/29 - F	CH10	
14	37	05/02 - M	CH10	
	38	05/04 - W	CH10	HW9 DUE
	39	05/06 - F	CH10	
15	40	05/09 - M	CH10	
	41	05/11 - W	REVIEW	HW10 DUE
	42	05/13 - F	LAST DAY - REVIEW	
		05/18 - W	FINAL 2:15PM - 4:45PM	