

BIOL1020 World of Biology Fall 2013
W 11:00A-1:50P, N223

Instructor: My Lo Thao, Ph.D	Office hours: M 10:00A-11:30A, T 9:00 – 10:30A or by appointment
Office/Office telephone: N270/667-3649	E-mail: mthao@csustan.edu <ul style="list-style-type: none">• best method to contact instructor• please include your name and the course number in the subject line.

Course Description: World of Biology is designed to provide students with laboratory and field experience in various biological areas. We will explore many of the topics that are covered in BIOL 1010 Principles of Biology, although it should be noted that this course is graded separately.

Prerequisites: BIOL 1010 or concurrent enrollment.

Required Text: World of Biology, 5th Edition. You **must** purchase the lab manual before the first day of class and always bring it to lab, **no copies will be accepted**, no exception. **Any student who does not have the lab manual at the beginning of the second lab period will be dropped from the course.** The text from your lecture class may also be helpful for certain labs.

ADD/DROP Policies:

Census day (Sept 19th) is the last day to drop the course or change grade options. The add/drop policies for BIOL 1020 are the same as the university add/drop policies.

Grading Policies:

1. **There is zero tolerance for cheating.** Cheating in any capacity in this class will result in penalties ranging from a minimum of a zero on the assignment or quiz to a maximum of expulsion from California State University, Stanislaus as indicated by the official University Policy regarding dishonesty and misconduct. For most of the laboratories, you will work in groups of two or four students. However, I expect students to hand in their own write-up for each laboratory. Discussion of lab results with lab partners is encouraged but lab reports must in your own words (this includes graphs or other supporting material). Copying another student's quiz or lab report (even if you are members of the same lab group), using a notebook that is written in or handing in lab reports for lab exercises you missed all constitute cheating. Taking out a cell phone during a quiz/exam is considered cheating, your quiz/exam will be confiscated, and you will suffer the consequences for cheating.
2. **There will be no make-up labs or quizzes.**
 - a. World of Biology is a laboratory course and as such requires your presence. It will be impossible to pass the course without regular attendance. Because the laboratory setups change from class to class, it is not possible to make up missed laboratories. **No write-up will be accepted for the lab you missed.** Leaving lab before your lab partners have finished an exercise will be counted as an absence.
 - b. **Quizzes are given at the beginning of every lab period.** Quizzes begin promptly at 2:00 pm. If you are late then you will have less time to complete the quiz. If you are late and miss the quiz, you will not be allowed to take the quiz. Note that two absences will effectively lower your grade one letter.
3. **Write-ups are due at the beginning of the next laboratory session; they must be** in chronological order and **stapled**. Points will be deducted for unstapled or disorderly reports. Please record all quiz and lab write-up scores so you may calculate your own grade. Lab write-ups will be graded on the following criteria and points will be subtracted from the total of 10 points accordingly:

Reason for point subtraction	Points
Sloppy or illegible	-1
Unanswered questions	-3
Missing data	-3
Missing graphs or diagrams	-3

4. The grade you earn will be based on points from quizzes and laboratory write-ups. You will choose ten quizzes to take and hand in ten lab reports for grading.

Grade earner	Points
Ten quizzes (10 points each)	100
Ten Laboratory write-ups (10 points each)	100
Total	200

Percentage scale for grades is as follows:

A = > 93.0; A- = 90.0- 92.4; B+ =87.0-89.4; B = 83.0-86.4; B- = 80.0-82.4; C+ = 77.0-79.4; C = 73.0-76.4; C- = 70.0-72.4; D+ = 67.0-69.4; D =63.0-66.9; D- = 60.0-62.4; F < 60.0

5. **Grading Options:** Census day is the **last day** you may change your grading option. **No exceptions.** To do so you must have your instructor sign an add/drop form. It is your responsibility to turn this form in to Admissions and Records by 5 pm that day. Grades will **not** be changed once they have been submitted.

Course etiquette:

1. Arrive prepared and on time for class.
2. **NO** use of cell phones and pagers during lab. If I see cell phones out, they will be confiscated and/or you will be asked to leave. If you need a calculator, bring one. You will not be allowed to use your phone as a calculator. If your cell phone rings during a quiz five (5) points will be deducted from your score. Taking out a cell phone during a quiz is considered cheating, your quiz will be confiscated, and you will receive a grade of F.
3. Please do not carry on conversations with your neighbors once class has started. Such behavior is highly disrespectful and very distracting to me and to the other students around you.

LABORATORY SCHEDULE

Date	Laboratory	Lab write-up	Quiz
Aug 28	Attendance, safety		
Sept 4	Introduction, Safety, The Nature of Science Inquiry		
Sept 11	Cells, Microscopes		
Sept 18	Transport		
Sept 25	Metabolism		
Oct 2	Mitosis		
Oct 9	Genetics		
Oct 16	Phylogenetic Trees		
Oct 23	Evolution*		
Oct 30	Plant Adaptations		
Nov 6	Animal Adaptations		
Nov 13	Population parameters		
Nov 20	Ecology		
Nov 27	NO LAB		
Dec 4	Last quiz		
	Possible points	100	100
	Graphing exercise – extra credit (10 points)		

* This lab requires that we go outdoors. Please dress appropriately for the weather and bring a calculator. In case of rain, the Population lab or another lab will be substituted and this lab will be done at a later date.

Note: The schedule and procedures in this course are tentative and subject to change in the event of extenuating circumstances.