

Biology 3000: Frontiers of Biology
(Section 001)

Professor: Dr. John Lytle
Email: JLytle1@CSUStan.edu

Lectures: N101 3:00-3:50pm, Mondays,
Wednesdays, and Fridays

Final exams:

Monday, December 16th, at 2:00pm

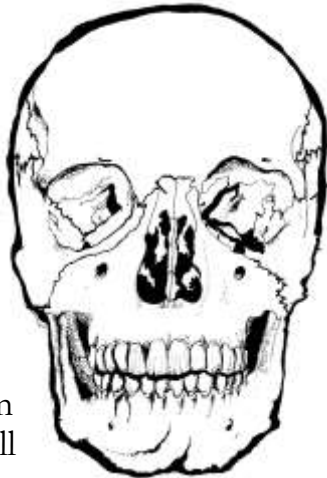
The final exam is comprehensive. It covers recent lectures and also previous course material.

Grades: 100-90% =A
89.9-80% =B
79.9-67% = C
66.9-57% = D
<56.9 = F

Grades are not rounded

Missed exam:

A comprehensive exam is on the day of the final exam for students who missed an exam. This exam covers information from all 4 units. These are new questions without power point images.



Exams:

Bring on exam days:

1. Scantron 882E
2. Number 2 pencils & erasers

Note: You must put your full name on everything you submit for grading, or it will not be graded & it will receive a zero. Most students make this mistake only once!

Approx. points:	Number of each	
Exams:	100	3*
Final Project:	100	1
Presentation	50	1
<u>Discussions/Quizzes:</u>	10	~15*
Approx. total*:	500	

***Note:** The lowest exam & discussion scores will be dropped & not used for student grade assessment. (Except for zeroes earned from cheating! These will not be dropped)

Check your grade online on Blackboard often! When you see a mistake, get it corrected right away. **DO NOT** wait until the end of the semester.

You are responsible for calculating your own grade throughout the course.

Supplies:

Required:

Scantrons: 100 question: **882E** for exams

3x5 inch index cards

Textbook: Free online text: *Biology* by Open Stax
<https://openstax.org/details/books/biology-2e>

Recommended:

Pencil, ruler, good notebook, brain

Lectures: parts online on blackboard

Print out lectures before classes. If you miss a lecture, fill in blanks from another student

Locating your professor:

JLytle1@CSUStan.edu

Office Hours: room N252, 9:10-11:00am,

Mondays. Wednesdays and Fridays by

appointment. (Please send email prior to visiting office hours)

Include **BIOL3000** in the subject of your emails when emailing me.

Discussion Sessions

There will be regular discussion sessions throughout the course, each worth 10 points. 3 points are awarded automatically with attendance, while the remaining points are to be earned by contributing to the discussion. Earning full points will require reading of the assigned materials (and critical thinking!) ahead of time.

Expected Learning Outcomes

1. The student will be introduced to the intellectual significance of the ecology.
2. The student will be presented with an modern examples of ecological study with a special emphasis on insects.
3. The student will learn fundamental principles of ecology (Population dynamics, Community interactions, etc.)
4. The student will develop skill in comprehending, evaluating, writing, and discussing scientific literature.
5. Through scientific understanding of ecology, insects, and various methods of research, the student will gain further appreciation of scientific inquiry and biological diversity.

Course Performance: To do well in this class, you must prepare by reading all required materials prior to lecture & lab. Ask questions about any concepts & materials you don't understand. Attend both lecture & lab, & take thorough notes. Expect to read, review, & study the lecture material (textbook chapters) & the lab material several times to earn a passing grade. If you have trouble with the material, please e-mail/call/see me immediately.

Attendance: Excessive absences from lecture and/or lab will result in the student being dropped from the course. Arriving late, leaving early, and/or being removed from lecture and/or lab due to disruptive behavior may be considered an absence (& may result in further disciplinary action).

Suggested Study Approach – Be an active student:

- Read assigned materials
- Critically evaluate materials
- Prepare for discussions: write out ideas and opinions
- Print and answer Study Guides (on Blackboard)
- Re-write/re-type your lecture notes

- Review/Study often (short daily study sessions are best vs. long infrequent study sessions - This is the best way to learn new material of any kind)
- Form/join a study group!

Proverb:

“He who asks a question is a fool for a minute; he who does not ask remains a fool forever”.



There is help on campus for students struggling with biology! The Central Valley Math & Science Alliance, located in 124 Naraghi Hall, is a free walk-in science and math tutoring center that does not require appointments. With both student and faculty tutors available from 8am – 6pm daily, there should be someone available to answer your questions. The Biology Club is a group of students who have gone through general biology courses and they are willing to offer advice and help, especially if you buy them coffee or bring them cookies. Tutoring Services on the ground floor of the CSUS Library (L-112) has drop-in tutoring for biology; check their office or website for their schedule. The Advising Resource Center, Student Support Services and the Program for Academic and Career Excellence (P.A.C.E.) in the MSR Building may be useful sources of aid for you. Of course, I will work hard to help you in class and out. Come to office hours, communicate with me and let me know your frustrations and I will respond.

Make-Ups: No make-up discussions will be offered. Make-up exams will only be permitted for valid documented reasons **and** with approval of the instructor. Additionally, the instructor **must be notified within 24 hours** of the exam that is missed for any make-up to be considered. Make-up exams are to be scheduled at the prerogative of the instructor.

Academic Integrity: Dishonesty & Cheating:

Academic dishonesty defrauds all those who depend upon the integrity of the college, its courses, its certificates & degrees. Students are expected to follow ethical standards & policies at CSUS. These standards & policies will be strictly enforced in this course. Any student caught violating the academic integrity policies will receive a **zero** on the exam/quiz/assignment/etc. in question, will lose any

Extra Credit points earned, & may be dropped and/or receive an **F** in the course. Additionally, students may face further disciplinary action & consequences as described in the CSUS Catalog. For specifics on the academic integrity standards & policy see the catalog.

Classroom/Laboratory Conduct: Policy on Cell Phones, iPhones, PDAs, Electronic Devices, etc.: Please be courteous & respectful of your instructor & your fellow classmates by **turning off** any cell phones, iPhones, etc., prior to coming to class. Use of these devices (e.g., texting) is not allowed in class. **Note:** During exams, quizzes, etc., the use of electronic devices (cell phones, iPods, etc.) is not permitted. Any student caught using electronic devices will receive a **zero** on the exam/quiz/assignment/etc. in question, & may receive an **F** in the course. **Note:** Talking and/or whispering during quizzes, exams, etc., will be considered a violation of the academic integrity (i.e., dishonesty and/or cheating). Students may be moved prior to and/or during quizzes, exams, etc. if talking and/or whispering occurs.

Disruptive behavior: Disruptive behavior may result in students being removed from lecture/lab and/or dropped from the course (this includes use of electronic devices as mentioned above). Additionally, students may face further disciplinary action & consequences as described in the CSUS Catalog.

Special Conditions: Please contact me if you have any special needs that need to be addressed in order for you to perform well in this course. Please register with the DRS *prior* to the week before an exam in order to set up necessary accommodations. **Note:** There are numerous resources available to help students at CSUS. Please feel free to seek help for tutoring, guidance, counseling, health care, etc., during your time at CSUS.

Note: Course Syllabus and/or Course Schedule are subject to change as needed to meet the course objectives. Any changes will be announced in class & be distributed to the students (i.e., posted on Blackboard).

BIO-3000 Tentative Course Schedule

Week #: Start date	Lecture Topic	Readings
1: 8/19	Introduction	
2: 8/26	Ecosystem Ecology	Ch. 46 <i>Biology</i>
3: 9/2	No Class Monday Population Ecology	Ch. 45 <i>Biology</i>
4: 9/9	Community Ecology	Ch. 45 <i>Biology</i>
5: 9/16	Exam #1 (Monday) Community Ecology continued	
6: 9/23	Biological Control	
7: 9/30	Discussion	
8: 10/7	Discussion	
9: 10/14	Discussion	
10: 10/21	Exam #2 (Monday)	
11: 10/28	Discussion	
12: 11/4	Discussion	
13: 11/11	No Class Monday Discussion/Work on Literature Review	
14: 11/18	Group presentations	
15: 11/25	Group presentations No Class Wednesday and Friday	
16: 12/2	Group presentations	
17: 12/9	Group presentations No Class Wednesday and Friday	
17: 12/16	Final Exam (Monday, December 16th, 2:00pm)	