

Biol 110 EX/FX
 TT 9:10–10:25 AM Rm.
 36-207
 T/T 11:10–2:00 PM
 Rm. 36-204
 Last “W” April 28th
 Final: 24 May 2008



Prof. Michael Bucher
 Office hours in 36-205c:
 TT 10:30–11:00 AM,
 In ISC: TT 2:10–3:00 PM
 ☎650.574.6516
 zoology@gmail.com

Texts and materials: (Required)

What is Life? A Guide to Biology, Jay Phelan, W.H. Freeman & Co, 2010
Laboratory Inquiries (to be downloaded & printed at home before coming to lab)
 Laboratory notebook with bound pages

Recommended: A “flash drive” for file transport will be useful in this class and others.

Grading: Grades are mainly determined objectively through accumulation of points earned on lab reports, five exams, a final and other written assignments. Points earned divided by points possible will yield a percentage which may be compared to the following standard:

A = $\geq 90\%$ B = 89–80% C = 79–65% D = 65–51% F = $\leq 50\%$

Make up Exam Policy: A missed exam can be made up (less 14%, depending on circumstances), provided that arrangements are made in a timely fashion.

Course Conduct: The substance of the course is communicated through reading assignments, conversations, case studies, and laboratory/field activities. It is critical that you complete the assigned reading before coming to class and that you arrive on time.

Field Trips: Field trips are optional this semester. They carry a modest increment of extra credit if done well and submitted in a timely fashion.

Hour by Arrangement: The granting of college units is predicated on students devoting 2 hours in preparation for each hour scheduled for lecture. This course requires one additional “hour by arrangement” per week (on average): time spent in a variety of learning activities (computer simulations, tutorials, completion of group work); some of this may be done in the Integrated Science Center (36-110), the library or other venues.

Study Groups: It is recommended that you cultivate partnerships among your classmates. Research shows that both stronger and weaker students benefit from such collaborations.

Policy on Plagiarism and Cheating: Except where specifically indicated by the instructor on group projects, it is expected that each student will do his/her own work. Copying and other forms of intellectual dishonesty will not be tolerated.

Attendance: No part of the grade is directly based on attendance, but time on task* is a major factor of success and you can be dropped for excessive absences. You are responsible for all material presented in class, including announcements about procedures and changes. Exams and homework can depend on material presented only in class, indirectly reflecting attendance.

Withdrawal Policy: If you drop after, April 28, 2011, whether officially or by walking away, a grade of “W” is possible only from the registrar's office (by petition under limited circumstances). Instructors cannot assign a grade of “W” after April 28th.

Student Learning Outcomes: (general)

- Describe and relate structure and function at all levels of life, from molecular to the ecosystem level.
- Explain and support life processes at all levels: from metabolism to evolution.
- Follow instructions, work cooperatively, and use appropriate lab skills and logical reasoning to solve problems in biology.
- Apply the scientific method to investigate biological phenomena, and evaluate current issues.
- Recognize and appreciate ecology, evolution and the diversity of life.

<http://www.smccd.net/accounts/bucher/>