Instructor: Dr. Debbie Schlenoff  
schlenof@uoregon.edu  
Office: 285 Onyx Bridge  
Office hour: Wednesdays 4:00-5:30 and by appointment.

GTFs: Quick Yeates-Burghart syeates@uoregon.edu  
Office hour: Mondays at 1:00 in 360  
Melissa Olson molson4@uoregon.edu  
Office hour: Tuesdays at 3:00 in 360 Onyx

Website: All course documents will be posted on the Blackboard Course Website.

Required Text:  
In addition, you will be responsible for reading the documents posted on Blackboard.

Course Goals  
We will explore fundamental concepts in evolution such as natural selection, speciation, extinction, adaptations in living organisms, and human evolution. We will examine human-caused evolution including the impact of humans on the evolution of disease causing organisms. In addition, it is important for all citizens to be scientifically literate, whether or not they are in a science profession. Part of science literacy is the ability to find, evaluate, and communicate or act on scientific information and issues. We will practice these skills in this course.

Course Format  
Lectures Tues/Thurs. 4:00-5:20 Pacific 123  
You will be responsible for all material presented in lecture.  
The course schedule is tentative and subject to change. Any adjustments to the schedule will be announced in class.  
Lecture outlines are available on Blackboard. Please keep in mind that these are merely outlines for your convenience in taking and organizing notes. They are not meant to serve as a complete set of lecture notes for studying for the exams. There is a strong positive correlation between attendance in lecture and grades.  
Occasionally, there are group and writing activities that occur during lecture. It is our expectation that you participate in these activities. Your active involvement promotes understanding of the material and preparation for exam questions.  
I appreciate feedback on the lectures. Questions are welcome and encouraged during and after lecture, during office hours, and via e-mail.

Discussion Sections Wednesdays 129 Huestis  
Participation in discussion sections is a required part of this class and will count toward your final grade. Sections will provide an opportunity to question and discuss many of the topics presented in the readings and lecture. In addition, hands-on activities will allow us to ask
questions about natural selection and evolution. Much of discussion will be devoted to preparing
to research and write a project paper and to developing a group poster presentation. All
assignments are due in discussion section on the date noted in the syllabus. Students are
expected to attend the section in which they are registered.

**Exams:** There will be three exams, two midterms and one final exam. Exams will include
material from the lectures, readings, discussion and the film clips shown in class.
**Midterm exams** will primarily focus on the 1/3 of the material covered by each exam but note
that the concepts carry over from one topic to the next. The structure of the **Midterm Exams**
will be mixed format (short answer, multiple choice, short essay). Details will be announced in
class.
The **Final Exam** will be multiple choice and cumulative.
Scantrons will be handed out in class; please bring a #2 pencil to all exams.
**Make-up Exam Policy:** **There will be NO make up exams** except in the case of a **documented**
severe medical condition or other extreme **documentable** emergency. It is your responsibility to
contact the instructor as soon as possible.
Note the date and time of the final exam. There will be no early exams!

**Project:** The project has two parts (see syllabus for due dates)
-a 2-3 page mini-term paper about a topic in evolutionary biology (you will be assigned a topic
during the first week of classes)
-a group poster presentation
Information about the project is posted on Blackboard. Please read these documents carefully
and ask if you have any questions.

**Problem Sets:** Problem sets will be posted on Blackboard. There are three problem sets due in
discussion section on the dates indicated in the syllabus. Each problem set is worth 6% of your
overall grade. We strongly recommend that you turn in your assignment on time in discussion
section. **Late Policy:** Late problem sets may be turned in to the GTFs the next day at the
Thursday lecture and will be docked 2 percentage points. No problem sets will be accepted after
Thursday lecture.

**Grading Evaluation:**
18% Midterm Exam 1
18% Midterm Exam 2
25% Final Exam

18% Problem sets (3 problem sets at 6 pts each)
18% Project (12% Paper + 6% Poster Presentation)
3% Discussion Section Participation
**Plagiarism will not be tolerated.** You are expected to do your own work on homework assignments, term projects, and exams. You are encouraged to discuss ideas with each other and to study together, but don’t copy someone else’s work, or allow them to copy yours. Please refer to the University of Oregon Student Conduct Code by which all students are expected to abide.

**Classroom Etiquette:**
1. Please arrive on time.
2. Please turn your cell phones off during lecture.
3. Please don't leave early. This is very disruptive to everyone. In turn, I will not lecture beyond 5:20. If you have an unusual circumstance and must leave early, then please sit near the exit so you can leave unobtrusively.
4. Please refrain from engaging in activities that could be distracting to your fellow students. We ask that you not converse with your neighbors when someone else is talking (instructor or classmate) as this interferes with the ability of other students to learn.

If you are having a problem that interferes with your ability to do the work in this class, please tell us about it as soon as you can.
# SYLLABUS BI131 W07

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<tr>
<th>Wk</th>
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<td>1</td>
<td>1/9 Introduction &amp; an example of why you should care: drug resistance</td>
<td>pp. 3-14, 287-290 (Emerging plagues)</td>
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<td>1/11 Studying Evolution</td>
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<td>1/16 More human-caused evolution: Artificial Selection</td>
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<td>1/17 How to locate your references that are due next week</td>
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<td>1/23 Genetics II: Mutation and Genetic Variation</td>
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<td>1/24 1. References for topic due in section. 2-5 potential sources including at least two peer-reviewed. 2. Problem set 1 due</td>
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<td>1/25 Natural Selection &amp;Adaptation I</td>
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<td>2/15 Co-evolution</td>
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<td>3/6 Human Origins I</td>
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**FINAL EXAM: 1:00 P.M. Wednesday Mar 21**