BIOLOGY 221
ECOLOGY AND EVOLUTION
SPRING 2006

Time/Place: 9:30 AM MWF
G15 Life Sciences Building

Instructors: Dr. Bill Peterjohn
Dr. Jim McGraw
5214 Life Sciences
293-5201 x 31510
bpj@wvu.edu

5204 Life Sciences
293-5201 x 31532
jmcgraw@wvu.edu

Office hours: Dr. Peterjohn
1:30 - 3:00 PM MW
Other hours by appointment.

Dr. McGraw
1:30 - 3:00 PM MW
Other hours by appointment.

Books: The books needed for this class are available in the bookstore and will be:

The Earth’s Biosphere by Vaclav Smil

Introduction to Population Biology by Dick Neal

Web Site: Course materials can be found at the Bio. 221 web site. The address for this site is:
http://www.as.wvu.edu/biology/bio21site/. Materials found at this site will include the course information sheet,
required articles, study questions, related web sites, lecture notes, grades, answer keys, and practice questions.
Some of the documents found at this site will be password protected. The password to open these documents will
be given in class.

Exams: There will be three evening exams given in room G15 during the semester and a comprehensive exam
given during finals week. The dates for each exam and the percentage that each component of your grade will count
towards your final grade are as follows:

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date/Time</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam I</td>
<td>Wednesday, Feb. 8</td>
<td>7:30 - 9:30 PM</td>
</tr>
<tr>
<td>Exam II</td>
<td>Wednesday, Mar. 1</td>
<td>7:30 - 9:30 PM</td>
</tr>
<tr>
<td>Exam III</td>
<td>Wednesday, Mar. 29</td>
<td>7:30 - 9:30 PM</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Thursday, May 4</td>
<td>8:00 - 10:00 AM</td>
</tr>
<tr>
<td>Quizzes</td>
<td>Thursday, May 4</td>
<td>8:00 - 10:00 AM</td>
</tr>
</tbody>
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The exams will contain questions from the material covered in lecture, the assigned articles, and the study questions
unless otherwise noted.

Quizzes: Unannounced quizzes will be given during class on an average of about once per week. The quizzes will
be short (ca. 3 questions) and used (in part) to assess your attendance.

Missing an exam: If you miss an examination, you will receive a grade of zero for that exam. If an exam is missed
due to an unavoidable absence, you must present (in person) a convincing written statement explaining the reason
for your absence no later than 1 week after your return to class. Your statement should note the dates that were
missed and may include any documentation you may wish to provide. Students with an acceptable excuse (as
determined by the instructors) can take a comprehensive make-up exam at the end of the semester or have their
grade prorated (i.e., each exam taken will count proportionally more). The make-up exam will be an essay exam.
**Missing a Quiz:** If you miss a quiz, you will receive a grade of zero for that quiz. If a quiz is missed due to an unavoidable absence, you must present *(in person)* a convincing written statement explaining the reason for your absence *no later than 1 week after your return to class*. Your statement should note the dates that were missed and may include any documentation you may wish to provide. Students with an acceptable excuse (as determined by the instructors) will have their quiz grades prorated (i.e., each quiz taken will count proportionally more). No make-up quizzes are given.

**Attendance:** Attendance of all lectures is required. In cases where your grade for the course is near the cutoff value for the next highest grade, then your attendance (as determined from unannounced, in-class quizzes) will be used as a consideration in deciding the final grade you receive.

**Grades:** Letter grades are not assigned until the end of the course. Grades are based on the total number of points accumulated by the end of the semester and are determined using the following scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>84-100</td>
</tr>
<tr>
<td>B</td>
<td>72-83.9</td>
</tr>
<tr>
<td>C</td>
<td>58-71.9</td>
</tr>
<tr>
<td>D</td>
<td>48-57.9</td>
</tr>
<tr>
<td>F</td>
<td>&lt;48</td>
</tr>
</tbody>
</table>

**Academic Dishonesty:** Academic dishonesty will not be tolerated. As defined in section 3.1.1.3 of the Code of Student Rights and Responsibilities of Students (1987 revision), academic dishonesty includes plagiarism, cheating and dishonest practices, and forgery, misrepresentation or fraud. The first occurrence of academic dishonesty will result in a zero being assigned to that component of the course (e.g., exam, quiz, etc.). A second occurrence of academic dishonesty will result in an F being assigned to the student for the entire course. A third instance will result in a student being assigned an unforgivable F for the entire course.

**Special assistance:** If you are learning, sensory or physically impaired and need assistance with the lectures, reading assignments, tests or labs, please contact one of us during regular office hours or by appointment and make appropriate arrangements with Disability Services (293-6700). The first week of the semester is the best time for these discussions. All matters will be confidential.

**English as a second language:** If English is your second language and you need assistance with the lectures, reading assignments or tests, please contact the instructor during office hours or by appointment. The first week of the semester is the best time for these discussions. All matters will be confidential.

**Social justice:** West Virginia University is committed to social justice. The instructors of this course concur with West Virginia University’s commitment to maintain a positive learning environment based upon communication, mutual respect, and non-discrimination. Our University does not discriminate on the basis of race, sex, age, disability, veteran status, religion, sexual orientation, color or national origin. Suggestions as to how to further such an environment will be appreciated and given serious consideration.

**Evacuation Plan for Room G15:** In the event of an emergency, leave the classroom in an orderly manner. Those leaving from the back turn to the left after exiting the classroom. Those leaving from the middle of the classroom turn to the left or right after exiting. Those leaving from the front turn to the right after exiting the classroom. Leave the building through the nearest outside door. Once you’ve left the building, quickly move as far away as possible while avoiding parking lots. Do not congregate near the building or in parking lots.

**Syllabus:** This syllabus is issued for the convenience of the student and does not constitute a contract between the student and the instructors. The instructors reserve the right to change the syllabus at any time during the semester.