

BIOLOGY 182R. Spring, 2009
(ECOL/BIOC/ MCB/MIC 182R)
T/Th 2:00 PM Section
2:00-3:15 TR in KOFFL 204

Staff:

Dr. William M. Schaffer
Professor, EEB
Office: BSE 215
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Email address: wms@u.arizona.edu
Office hours: T, 1:00-2:00; W, 2:00-3:00.

Ms. Asya Roberts
Program Coordinator for Introductory Biology
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Office hours: MTR, 9:00-12:00.

Dr. Regis Ferriere
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Office Hours: T, 4:00-5:00; W, 5:30-6:30

Dr. Kevin E. Bonine
Adjunct Assistant Professor, EEB
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Office Phone: 626-0092
Email: kebonine@u.arizona.edu
Office Hours: T, 10-12 (24 Feb through 07 April)
[office hours outside these dates to be announced]

Questions: For questions about the lecture material or about your performance on exams, contact Dr. Schaffer, Dr. Bonine, or Dr. Ferriere. For administrative questions, contact Ms. Roberts.

Website: The course website is <http://bill.srn.arizona.edu/classes/182.htm>

Text: Freeman, S. 2008. *Biological Science*. (3rd Edition) Pearson-Benjamin Cummings. San Francisco.

Exams: There will be four exams – three midterms and a final.

- Exams will be closed-book. At the instructor's discretion, you may not be permitted to take an exam if you arrive more than 20 minutes late.
- Final Exam:
 1. The final exam will cover the entire semester.
 2. The final exam will be given on **Thursday, 14 May, from 2:00-4:00 PM in Koffler 204.**
 3. You are expected to take the final exam on that date and at that time – **no exceptions.**
 4. **If you miss the final exam, you fail the course.**
- Absences.
 1. Medical absences require a doctor's note delivered to Ms. Roberts.
 2. If you are unable to be present for an exam for legitimate, non-medical reasons, you must contact Ms. Roberts **in advance** to be excused.
 3. Non-medical absences must also be **pre-approved** by the Dean of Students.
 4. Absences for official religious holidays will be honored.
 5. Missed exams will **not** be rescheduled.

6. Excused absences: The mean score of your *remaining* exams, *i.e.*, those subsequent (including the final) to the one you missed, will be substituted for the exam missed.¹
7. Unexcused absences: You will receive a score of **zero** for that exam.

Grades:

- Each of the four exams will be worth 100 points each.
- Letter grades will be assigned at the end of the semester as follows:

Your Point Total	Grade
$360 \leq \text{Your Point Total}$	A
$320 \leq \text{Your Point Total} < 360$	B
$280 \leq \text{Your Point Total} < 320$	C
$240 \leq \text{Your Point Total} < 280$	D
$\text{Your Point Total} < 240$	E

- Fractional point totals will **not** be rounded up – *e.g.*, 359.68 does **not** become 360.
- Exams may include an opportunity to earn extra points.
- Grades will **not** be curved.

Exam Scores:

- **Results.** Exam scores will be posted on D2L, which is reachable from the class website. *Please do not call the course office to request information on exam scores.*
- **Appeals.**
 1. If you wish to appeal an exam score, for example, if you believe there's been a grading error, you **must** submit a written appeal form to Ms. Roberts **within business three days** *i.e.*, not counting Saturdays and Sundays, of the scores having been posted.
 2. Appeals submitted after that date will not be accepted.
 3. Appeal forms will be available in the course office (BSE 109).
 4. Appeals deemed frivolous by your instructors may result in deduction of additional points.

Withdrawing from the Course: *All University deadlines for withdrawing will be strictly enforced.* Please consult the University's website at <http://catalog.arizona.edu/calendar/0809cal.html> for relevant deadlines. Please contact Ms. Roberts for additional questions about withdrawing from the course.

DRC Accommodations and Services: Students needing DRC accommodations and services should contact Ms. Roberts *as soon as possible*, and **definitely by the third week of classes**, to discuss the required documentation and deadlines.

Student Code of Conduct and Code of Academic Integrity:

- Students are expected to abide by the Student Code of Conduct and the Code of Academic Integrity *in all matters pertaining to the course*. Please review the codes and other relevant university policies at <http://dos.web.arizona.edu/uapolicies/>.

¹ So, if you are excused from Exam 1, we substitute (Exam 2 + Exam 3 + Final)/3; if you are excused from Exam 2., we substitute (Exam 3 + Final)/2. If you are excused from Exam 3, we substitute your score on the Final.

- Students observed cheating during an exam will be asked to leave and will receive a grade of **zero** for that exam. Further disciplinary action, including potential expulsion, may be pursued at the instructors' discretion.

Cell Phones, Pagers, and iPods: Please be sure that all cell phones, pagers, and iPods are turned off before the beginning of each class period.

Course Schedule (182R Spring 2009; Schaffer, Bonine, Ferriere; TR 2-3:15 in KOFFL204):

<u>Date</u>	<u>Lecturer - Topic</u>	<u>Reading</u>
15 Jan	WS - Introduction / General Concepts	Chapter 1.
20 Jan	WS - Descent with Modification	Chapters 24, 25
22 Jan	WS - Origin of Species	Chapter 26
27 Jan	KB - Phylogenetics	Chapter 27
29 Jan	WS - Origins of Life and Eukaryotes	--
3 Feb	WS - Cambrian Explosion	Chapter 32
5 Feb	WS - Invertebrates	Chapter 33
10 Feb	WS – Invertebrates – II / Vertebrates	Chapters 33, 34
12 Feb	WS – Vertebrates - II	Chapter 34
17 Feb	Part 1. Discussion and Review	
19 Feb	EXAM 1	
24 Feb	KB – Fungi	Chapter 31
26 Feb	KB – Prokaryotes, Protists, Photoautotrophy, Endosymbioses	Chapters 28, 29
3 Mar	KB – Plant Diversity	Chapter 30
5 Mar	KB – Plant Form and Function	Chapters 36, 37
10 Mar	KB – Plant Function	Chapters 38, 40, and 39 (pp. 857-866, 873-882, 887-888)
12 Mar	WS - Population Growth and Regulation	Chapter 52
17 Mar	Spring Recess	
19 Mar	Spring Recess	
24 Mar	KB – Plant Community Ecology, Disturbance, Succession	Chapters 30, 53
26 Mar	KB – Galapagos Case Study	Wikelski 2000 and www.darwinfoundation.org/en/galapagos/marine www.darwinfoundation.org/en/galapagos/land
31 Mar	Part 2. Discussion and Review.	

2 Apr	EXAM 2	
7 Apr	RF – Animal Form and Function	Chapters 32, 41.
9 Apr	RF – Animal Nutrition, Circulation, Movement	Chapters 42, 43, 44, 46.
14Apr	RF – Hormones and Reproduction	Chapters 47, 48.
16 Apr	RF – Neurons, Nervous Systems and Brain	Chapters 45, 46.
21 Apr	RF – Animal Communication and Behavior	Chapters 46, 51.
23 Apr	RF – Ecological Communities	Chapter 53.
28 Apr	Part 3. Discussion and Review.	
30 Apr	EXAM 3.	
5 May	RF – Biodiversity and Ecosystem Function	Chapter 52, 54, 55.
7 May	Reading Day Help Session. 2:00 – 3:15 PM, Koffler 204.	
14 May	FINAL EXAM. 2:00 – 4:00 PM, Koffler 204.	