Biology 101 Lecture Syllabus  

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Office: LS 122  
Office Hours: T 8-9:00am; Th 8-9:00am  

Introduction:  
The World of Animals (Biol 101) reviews the evolution and biodiversity of animal life. It examines their anatomy, life histories, behaviors, and adaptations. The process of evolution is the underlying key that links all life. We will learn how scientists uncover evolutionary relationships, characterize animals, and create a broader understanding of their interconnectedness. From the earliest life forms to our own evolution, the animal world is one of the most fascinating subjects you’ll ever explore. This non-majors biology course expects students to use this opportunity to discover the natural world around them.

Student Learning Outcome:  
Successful completion of this course will allow you to confidently identify animals and understand their evolutionary position in the tree of life. In addition, you will learn how different animal taxa are both similar and different. Comparisons of anatomy, physiology, behavior, life history, and biogeography will be a part of this identification. You will also be able to place the origins of your own biology and how successive accumulations of traits have been acquired throughout evolutionary history.

Requirements:  
I. Attendance- Mandatory attendance is required.
III. Study Habits- Expect to study approximately 12 hours per week.
IV. The laboratory section is separate from the lecture and is not required.

Grading:  
You are responsible for conducting yourself within the rules of the university, as outlined by the Center for Student Rights and Responsibilities. All instances of academic dishonesty will be reported to university officials. Grading will be based on 3 exams and 6 quizzes. The following breakdown is an approximation of the point distribution for the quarter. Exams and quizzes must be taken on the scheduled day.

<table>
<thead>
<tr>
<th>Grading Scale</th>
<th>Point System</th>
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<tbody>
<tr>
<td>100-92.0%</td>
<td>= A</td>
</tr>
<tr>
<td>91.9-90.0%</td>
<td>= A-</td>
</tr>
<tr>
<td>89.9-87.0%</td>
<td>= B+</td>
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<tr>
<td>86.9-82.0%</td>
<td>= B</td>
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<tr>
<td>81.9-80.0%</td>
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<td>= C</td>
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<tr>
<td>71.9-70.0%</td>
<td>= C-</td>
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<tr>
<td>69.9-67.0%</td>
<td>= D+</td>
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<tr>
<td>66.9-62.0%</td>
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<tr>
<td>61.9-60.0%</td>
<td>= D-</td>
</tr>
<tr>
<td>below 60.0%</td>
<td>= F</td>
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</tbody>
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| 6 Quizzes     | 120 points   |
| Midterm 1     | 150 points   |
| Midterm 2     | 150 points   |
| Final Exam    | 200 points   |
| Total         | 620 points   |

Meeting Time & Place:  
Tuesday & Thursday 9:30-10:45am  
Room: HH 130

WebSite: Blackboard or at www.sci.sdsu.edu/classes/biology/bio101/hollingsworth

Information is subject to change at anytime during the semester  
You will be notified during the lecture period if it should
# Biology 101 Lecture Schedule

| Week #1 | T  | Th  | Sept. 1-3 | 1. The Nature of Life  
2. Darwin’s Ideas Today I  
3. Darwin’s Ideas Today II  
4. Trunk of the Tree  
5. Animal Ancestors & Sponges  
6. Jellyfish & Sea Anemones | Chapter 1 & 2  
Chapters 1 & 4  
Chapters 1 & 4  
Chapter 5  
Chapter 5–6  
Chapter 7 |
|---|---|---|---|---|
| Week #2 | T  | Th  | Sept. 8–10 QUIZ | 7. Flatworms  
8. Clams, Snails, and Squids (Mollusca) | Chapter 8  
Chapter 10 |
| Week #3 | T  | Th  | Sept. 15–Feb. 17 | 9. Segmented Worms  
10. Evolution Video | Chapter 11  
Handout |
| Week #4 | T  | Th  | Sept. 22–24 QUIZ | Midterm Exam 1  
11. Arthropods I – Scorpions & Spiders | Chapter 12 |
| Week #5 | T  | Th  | Sept. 29–Oct. 1 | 12. Arthropods II – Isopods, Crabs, & Shrimp  
13. Arthropods III – An Insect’s Life  
14. An Insect’s Life (cont.’) & Other Ecdysozoans  
15. Echinoderms | Chapter 12  
Chapter 9 & 13  
Chapter 14 |
| Week #6 | T  | Th  | Oct. 6–8 | 16. Origin of Vertebrates  
17. Fishes | Chapter 15  
Chapter 16 |
| Week #7 | T  | Th  | Oct. 13–15 QUIZ | 18. Evolution Video  
Midterm Exam 2 | Handout |
| Week #8 | T  | Th  | Oct. 20–22 | 19. Moving to Land  
20. Modern Amphibians | Chapter 17  
Chapter 17 |
| Week #9 | T  | Th  | Nov. 3–5 | 21. Reptiles I – Making An Egg  
22. Reptiles II – Squamates | Chapter 18  
Chapter 18 |
| Week #10 | T  | Th  | Nov. 10–12 | 23. Reptiles III – Avian Ancestors  
24. Reptiles IV – Birds in Flight  
25. Mammals I – Monotremes & Marsupials | Chapter 18 & 19  
Chapter 19  
Chapter 20 |
| Week #11 | T  | Th  | Nov. 17–19 QUIZ | 26. Mammals II – Placentals  
27. Evolution Video | Chapter 20  
Handout |
| Week #12 | T  | Th  | Dec. 1–3 QUIZ | Final Exam (10:30am–12:30pm) |