

Zoology and non-zoo courses for Spring 2024

This list are Intermediate/advanced level credits that count towards the Zoo major.

1. Zoo 302 Introduction to Entomology (Lec/Lab) 4 credits
2. Zoo 303 Aquatic Invertebrate Biology (Lec) 3 credits (**New-ish**)
3. Zoo 335 Human/Animal Relationships: Biological and Philosophical Issues (Lec) 3 credits
4. Zoo 350 Parasitology (Lec) 3 credits
5. Zoo 370 General Molecular Biology (Lec) 3 credits
6. Zoo 400 Neuroanatomy and Systems (Lec) 3 credits **New**
7. Zoo 400 Neuronal Cell Bio in Health&Di (Lec) 2 credits
8. Zoo 400 Stream Ecology (Lec) 3 credits
9. Zoo 400 Brain Communication and Evolution (Lec) 3 credits **New**
10. Zoo 400 Mammalogy (Lec/Dis) 3 credits **New**
11. Zoo 410 Evolutionary Biology (Lec/Dis) 3 credits
12. Zoo 415 Genetics of Human History (Lec) 3 credits
13. Zoo 460 General Ecology (Lec/Lab/Dis) 4 credits
14. Genetics 466 Principles of Genetics (Lec) 3 credits*
15. Zoo 470 Introduction to Animal Development (Lec) 3 credits
16. Zoo 473 Plant-Insect Interactions (Lec) 3 credits
17. Zoo 500 Undergraduate Neurobiology Seminar (Sem) 1 credit
18. Zoo 510 Ecology of Fishes (Lec/Dis) 3 credits
19. Zoo 511 Ecology of Fishes Lab (Lab) 2 credits
20. Zoo 520 Ornithology (Lec) 3 credits
21. Zoo 521 Birds of Southern Wisconsin (Lab/Dis) 3 credits
22. Zoo 604 Computer-based Gene and Disease/Disorder Research Lab (Lab) 2 credits
23. Zoo 611 Comparative and Evolutionary Physiology (Lec/Dis) 3 credits
24. Zoo 612 Comparative Physiology Laboratory (Lab) 2 credits
25. Zoo 620 Neuroethology Seminar (Lec) 2 credits
26. Zoo 651 Conservation Biology (Lec) 3 credits
27. Zoo 655 Modeling Neurodevelopmental Disease (Lec) 3 credits
28. Zoo 672 Historical Ecology (Sem) 2 credits

Non-Zoology courses that count towards the major. We allow up to 6 credits max.

1. ANAT&PHYS 335 Physiology (Lab) 5 credits*
2. ANAT&PHYS 338 Human Anatomy Laboratory (Lab) 2 credits
3. Biochem 501 Introduction to Biochemistry (Lec) 3 credits

4. Biochem 507 General Biochemistry I (Lec) 3 credits
5. Envir ST 361 Wetlands Ecology (Lec) 3 credits
6. FW&E 306 Terrestrial Vertebrates: Life History and Ecology (Lec/Lab) 3 credits
7. Genetics 545 Genetics Laboratory (Lab) 2 credits
8. Microbio 303 Biology of Microorganisms (Lec) 3 credits
9. Microbio 304 Biology of Microorganisms Laboratory (Lab) 2 credits
10. Psych 450 Primates and Us: Insights into Human Biology and Behavior (Lec/Dis)
3-4 credits
11. Psych 454 Behavioral Neuroscience (Lec/Dis) 3-4 credits

*Genetics 466 counts like a regular zoology course and does not effect the 6 credit max of non-zoo credits for the major.

*Only 3 credits of [ANAT&PHY 335](#) Physiology counts toward the 6 credits of approved non-ZOOLOGY subject courses.

For more information on these courses check out course search enroll app. Also, many of the zoology courses have sample syllabi, while they may not be super recent it should give you a better idea of what the course may be like. <https://integrativebiology.wisc.edu/courses/>

Please, check the prerequisites and section options before attempting to enroll in any course.